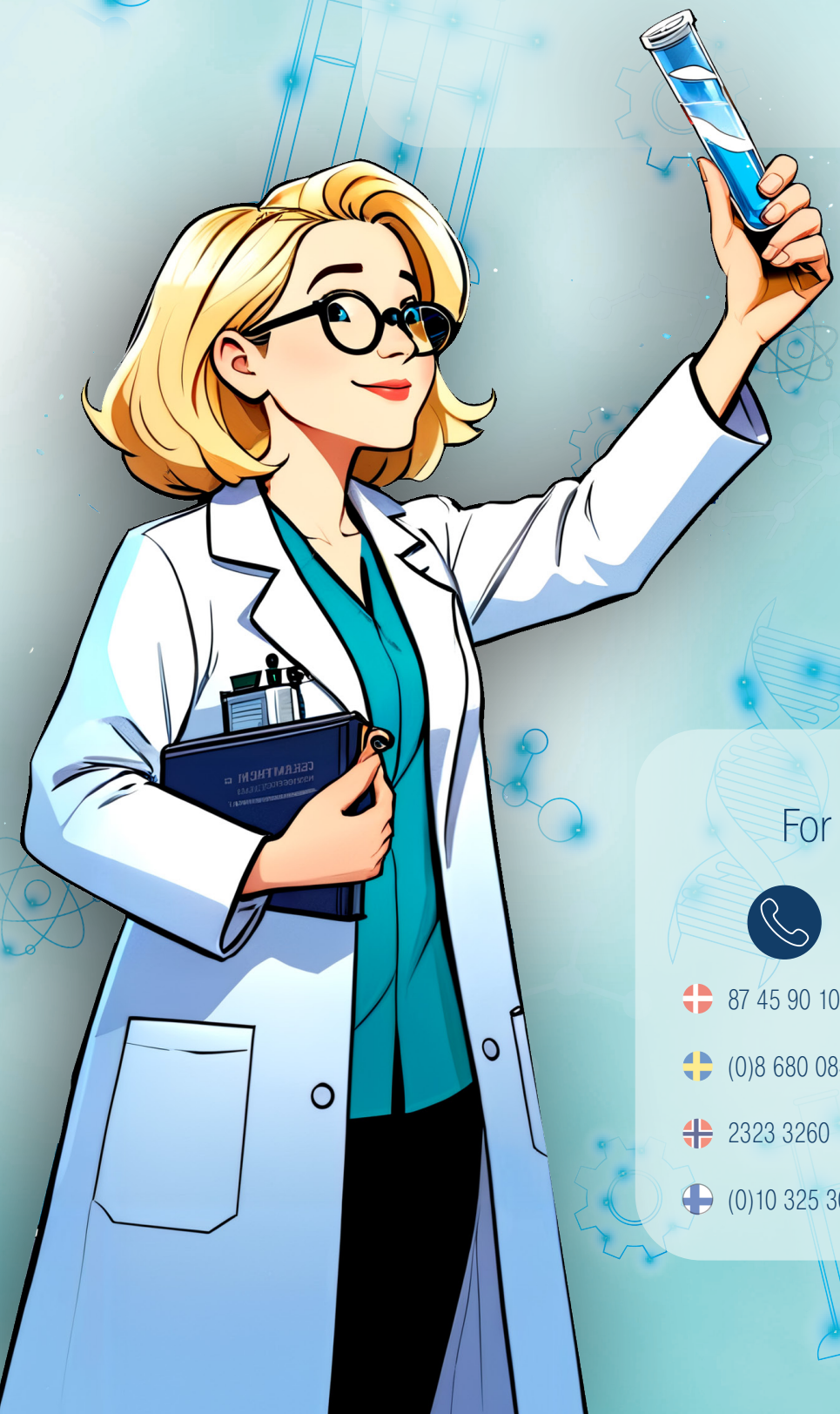
AH diagnostics

Equipment for your laboratory

from Dutscher
CONSOMMABLES ET MATÉRIELS DE LABORATOIRE



For ordering and guidance:

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Shakers – what solutions?

There are many different types of shakers, each with its own specific features.
At Dominique Dutscher, we aim for you to find the most suitable solution for your applications and requirements.
Let our pictograms guide you, they represent key characteristics: choosing has never been simpler.

The different types of shakers


Magnetic stirrers: a magnet motor or magnetic field generator drives a magnetic bar for mixing. These bars, usually made of PTFE and autoclavable, are of various shapes causing different levels of stirring.
Some models of magnetic stirrers, with low speeds, are dedicated to cell culture.


Vortex shakers: rapid, shallow orbital motion, producing a vortex that causes severe turbulence.


Orbital shakers: generally large orbital movement, causing limited turbulence.
Some vessels, such as Erlenmeyer flasks with baffles, can be used to accentuate this turbulence.


Reciprocal shakers: linear reciprocal motion, the terminal stop induces turbulence.


Rocker shakers: rocking motion, gentle shaking.


3D stirrers: right-left and forward-backward swinging movements combined, this is the smoothest and closest to hand-mixed stirring.


Rotary shakers: the tubes are fixed on a carousel or a rod and are rotated completely or partially.
Most models allow for horizontal placement of the tubes, similar to the use of a roller shaker.


Roller shakers: rubber rollers make the tubes roll on themselves.
Particularly useful for growing cells in suitable media such as bottles or tubes.


Propeller shakers: the device drives a rod to which a blade is attached, particularly effective for large volumes or viscous liquids.
Different blades allow for different types of shaking.


Heating device, hot plate type, dry bath or with integrated incubator.

Type							 *		
Turbulence	++	+++	+	++	+	+	++ / -	-	Variable
For cell culture	++	-	+++	-	++	+++	+ / +++	+++	+
Contact with the sample	+	-	-	-	-	-	-	-	+++
For viscous liquids	++	-	-	-	-	-	++ / -	-	+++

* Values set in vertical and horizontal positions.

Other pictograms


Suitable for chemicals.


Magnetic bar drive by induction: no moving parts, no maintenance, no heating of the sample.


Pulse Function: intermittent shaking, increasing turbulence for better homogenisation of challenging samples.


Integrated timer.


Programmable device in several steps.


Interchangeable direction of movement.


Locking of user parameters.


Temperature sensor port for direct temperature monitoring.


Battery operation possible.



IP protection rating.


Remote control unit for operation in a water bath.


Device compatible with bead bath.



Apparatus for operation in aCO_2 incubator.


Can be used in cold rooms (+4 °C or lower)



Warranty period in years.
In the absence of a pictogram, this duration is at least 1 year.

Mini magnetic stirrer Topolino

IKA®

IP 21

WARRANTY 2 YEARS



Interface	Analog
Stirring capacity (l)	0.5
Speed (rpm)	300 - 1800
Materials / Ø plate (mm)	PP / 80
Dim. (L x W x H) (mm)	95 x 115 x 37
Weight (kg)	0.32
Conditions to use	+5 to +40 °C / 80% RH
Part no.	250146
€	N/A -

ClearLine® mini magnetic stirrer

ClearLine

Our Selection

WARRANTY 2 YEARS



Interface	Analog
Stirring capacity (l)	1.5
Speed (rpm)	100 - 1500
Tray dimensions (mm)	85 x 85
Dim. (L x W x H) (mm)	120 x 120 x 30
Weight (kg)	0.2
Conditions to use	+4 to +45 °C / 80% RH
Part no.	062703CL
€	N/A -

Magnetic stirrers with digital display Color Squid and Big Squid IKA

IKA®

- Digital display of speed

Model	Color Squid	Big Squid
Interface	Digital	
Stirring capacity (l)	1	1.5
Speed (rpm)	0 - 2500	
Tray diameter (mm)	115	160
Plate materials	Glass	
Dimensions (L x W x H) (mm)	145 x 160 x 45	180 x 195 x 40
Weight (kg)	0.54	0.7
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	250194	250193
€	N/A -	N/A -

IP 54

WARRANTY 2 YEARS



Mini magnetic stirrers EcoStir

- Suitable for magnetic bars up to 40 mm
- Square plate model delivered with probe holder

Model	EcoStir square platform	EcoStir round platform
Stirring capacity (l)	1.5	
Speed (rpm)	300 - 2000	
Tray dimensions (mm)	120 x 115	Ø 120
Plate materials	PET	
Dimensions (L x W x H) (mm)	150 x 144 x 54	150 x 145 x 50
Weight (kg)	0.3	
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	861282	861281
€	N/A -	N/A -

IP 21



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Magnetic stirrer MR Hei-Mix S Heidolph

heidolph research made easy



Interface	Analog
Stirring capacity (l)	5
Speed (rpm)	0 to 2200
Tray diameter (mm)	104
Plate materials	PVDF
Dimensions L x D x H (mm)	140 x 126 x 80
Weight (kg)	1.1
Conditions to use	+5 to +40 °C / 80% RH
Part no.	498703
€	N/A -

Magnetic stirrers Velp

VELP SCIENTIFICA



- Remains cool to the touch even during extended use (except AMI)

AMI:
- Illumination function of the platform to facilitate visualisation

MST Digital:
- SpeedServo technology for improved speed consistency during viscosity changes
- Programmable stirring direction for better stirring
- Timer from 1 to 900 min

Model	MST	MST Digital	ESP	Microstirrer	AMI
Interface	Analog	Digital	Analog		
Stirring capacity (l)	5				
Speed (rpm)	0 - 1100	0 - 1500	0 - 1100		
Platform materials	Technopolymers			Epoxy painted metal	
Dimensions (l x w x h) (mm)	120 x 145 x 50		160 x 230 x 33	120 x 128 x 43	150 x 270 x 55
Weight (kg)	0.4	0.6	0.9	0.55	1.2
Terms of Use	+5 to +40 °C / 80% RH				
Part no.	399000B	399058	399002	399001	399060
€	N/A -	N/A -	N/A -	N/A -	N/A -

Magnetic stirrers RT Basic and RT Touch Thermo Scientific

thermo scientific



- Strong magnetic torque
- Touch version with graduated start to avoid splashing
- Supplied with two non-slip silicone top layers (one white and one black)

Model	RT Basic 120	RT Basic 170	RT Basic 220	RT Touch 170	RT Touch 220
Type of control	Analog			Digital	
Stirring capacity (l)	2	4	5	4	5
Speed (rpm)	150 - 2500			30 - 2000	
Plate size (mm)	120	170	220	170	220
Plate materials	Stainless steel with anti-slip silicone coating				
Dimensions L x W x H(mm)	130 x 130 x 65	185 x 185 x 65	230 x 230 x 65	210 x 280 x 72	260 x 360 x 72
Max. permissible capacity (kg)	15	20	25	20	25
Part no.	079536	079537	079538	079539	079540
€	N/A -	N/A -	N/A -	N/A -	N/A -

more products Dutscher.com

Magnetic stirrer Hei-Plate Mix 20l Heidolph

heidolph research made easy

Chemical and scratch resistant plate

Interface	Analog
Stirring capacity (l)	20
Speed (rpm)	100 - 1400
Tray diameter (mm)	145
Plate materials	Kera-Disk Silumine with ceramic coating
Dim. (L x W x H) (mm)	168 x 299 x 101
Weight (kg)	3
Conditions to use	+5 to +40 °C / 80% RH
Part no.	499971
€	N/A -



Magnetic stirrers Guardian 2000 Ohaus

OHAUS

Model	e-G21ST04R	e-G21ST07R	e-G21STRDS
Interface	Analog		
Stirring capacity (l)	15		
Speed (rpm)	200 - 1600		
Tray dimensions (mm)	102 x 102	178 x 178	Ø 135
Plate materials	Resin		Stainless steel
Dimensions (L x W x H) (mm)	264 x 110 x 163	318 x 112 x 223	264 x 101 x 163
Weight (kg)	2.1	2.8	2.5
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	334027	334028	334029
€	N/A -	N/A -	N/A -



e-G21STRDS

Magnetic stirrer 20 Litre Dlab

DLAB

Interface	Analog
Stirring capacity (l)	20
Speed (rpm)	0 - 1500
Tray diameter (mm)	135
Plate materials	Ceramic
Dim. (L x W x H) (mm)	200 x 130 x 65
Weight (kg)	2.4
Conditions to use	+5 to +40 °C / 80% RH
Part no.	861007B
€	N/A -



Magnetic stirrers C-MAG IKA

IKA®

Model	C-MAG MS 4	C-MAG MS 7	C-MAG MS 10
Interface	Analog		
Stirring capacity (l)	5	10	15
Speed (rpm)	100-1500		
Tray dimensions (mm)	100 x 100	180 x 180	260 x 260
Plate materials	Glass-ceramic		
Dim. L x W x H (mm) / Weight (kg)	150 x 260 x 105	220 x 330 x 105	300 x 415 x 105
Weight (kg)	3	5	6
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	250167	250168	250169
€	N/A -	N/A -	N/A -



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2 litre Hot plate magnetic stirrer



- Supplied with a 25 cm stainless steel stand rod

Interface	Analog
Stirring capacity (l)	2
Speed (rpm)	60 - 1500
Heating temperature (°C)	60 - 240 °C
Plate materials	Ceramic-coated stainless steel
Dimensions (L x W x H) (mm)	205 x 206 x 110
Weight (kg)	4.3
Part no.	079037
€	N/A -

Guardian 2000 Ohaus magnetic stirrers



e-G21HS07C

Model	e-G21HS04C	e-G21HS07C	e-G21HSRDS
Interface	Analog		
Stirring capacity (l)	15		
Speed (rpm)	200 - 1600		
Heating temperature (°C)	+70 to +500 °C		+50 to +380 °C
Heating power	535	1035	535
Pt1000 probe port	No		
Ø plate (mm)	102 x 102	178 x 178	Ø 135
Plate materials	Ceramic		Stainless steel with ceramic coating
Dimensions (L x W x H) (mm)	264 x 110 x 163	318 x 112 x 223	264 x 101 x 163
Weight (kg)	2.5	3.9	2.5
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	334030	334031	334032
€	N/A -	N/A -	N/A -

Heating magnetic stirrer 10 litres IKA RH Basic 2



IP 21

2 YEARS WARRANTY

Interface	Analog
Stirring capacity (l)	10
Speed (rpm)	100-2000
Heating temperature (°C)	Ambient at 320
Ø plate (mm)	125
Plate materials	Stainless steel
Dimensions (L x W x H) (mm)	168 x 105 x 220
Weight (kg)	2.4
Operating conditions	+5 to +40 °C / 80% RH
Part no.	250013
€	N/A -

Heating magnetic stirrers SHP-200 Cole-Parmer



002067B

IP 32

Depending on model



491328B

- BioCote antimicrobial surface treatment
- Heat indicator on the plate to warn the user and prevent burns
- Available in an analogue version, or with a temperature display for precise adjustment
- Supplied with two 25 mm PTFE magnetic bars

Model	SHP-200-S	SHP-200D-S	SHP-200-C	SHP-200D-C
Interface	Analog	Digital	Analog	Digital
Stirring capacity (l)	15			
Speed (rpm)	100-2000			
Heating temperature (°C)	Ambient to 325 °C		Ambient to 450 °C	
Thermoregulator port	Yes			
Tray dimensions (mm)	150 x 150			
Plate materials	Aluminium alloy / silicone		Ceramic	
Dimensions (L x W x H) (mm)	172 x 248 x 120		172 x 248 x 122	
Net weight (kg)	2.9			
Part no.	002066B	491329B	002067B	491328B
€	N/A -	N/A -	N/A -	N/A -

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Guardian 3000 Ohaus magnetic stirrers

- Backlit LCD display
- SafetyHeat: overheating detection with two independent safety controls
- SmartHousing: chemical resistant, easy to clean
- Integrated rod support

Model	e-G31HS04C	e-G31HS07C	e-G31HSRDS
Interface	Digital		
Stirring capacity (l)	15	15	20
Speed (rpm)	80 - 1600		
Heating temperature (°C)	Ambient +5 to 500 °C		Ambient +5 to 380 °C
Heating power (W)	550	1050	550
Temperature sensor port	Yes		
Ø plate (mm)	102 x 102	178 x 178	Ø 135
Plate materials	Ceramic		Stainless steel with ceramic coating
Dimensions (L x W x H) (mm)	110 x 264 x 163	112 x 318 x 223	101 x 264 x 163
Weight (kg)	2.5	3.9	2.5
Conditions to use	+5 to +40 °C / 80% RH non-condensing		
Part no.	333976	333977	333978
€	N/A -	N/A -	N/A -



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IP 21

Heating magnetic stirrers ARE 5 and AREX 5 Velp

- Heat indicator on the plate to warn the user and prevent burns
- Adapted for AluBlock plates for conversion into a heating block
- SpeedServo technology for improved speed consistency during viscosity changes

Model	ARE 5	AREX 5	AREX 5 Digital
Interface	Analog		Digital
Stirring capacity (l)	15	20	
Speed (rpm)	100 - 1500		50 - 1500
Temperature range	Ambient at + 310 °C		
Ø plate (mm)	135		
Plate materials	Aluminium	Aluminium with ceramic coating	
Dimensions (L x W x H) (mm)	160 x 270 x 85		
Weight (kg)	1.7		
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	399151	399152	399153
€	N/A -	N/A -	N/A -





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IP 42

Depending on model

3 YEARS WARRANTY

Complete packs

Part no.	Designation	€
399154	AREX heating stirrer + VTF controller + stand	N/A -
399155	AREX digital heating stirrer + Pt100 probe	N/A -
399156	AREX digital heating stirrer + Pt100 Probe + stand	N/A -
399157	AREX digital heating stirrer + VTF controller + stand	N/A -

Accessories

* Not suitable for VTF temperature regulators

Part no.	Designation	€
399024	VTF temperature regulator	N/A -
399014	Stand rod	N/A -
399588	Pt100 probe stainless steel Ø 3 mm	N/A -
399589	Pt100 probe stainless steel with glass coating, Ø 3 mm	N/A -
399590	Clamping nut for pt100 probe *	N/A -

Heated magnetic stirrers ThermoScientific CIMAREC+

- Heat indicator on the plate to warn the user and prevent burns
- StirTrac system delivering powerful magnetic torque for enhanced low-speed efficiency

Interface	Digital			
Stirring capacity (l)	1	4	4	6
Speed (rpm)	50 - 1500			
Heating temperature (°C)	30 - 540		30 - 300	30 - 400
Plate material	Ceramic		Aluminium	Ceramic
Tray dimensions (mm)	108 x 108	184 x 184		260 x 260
Dimensions L x W x H (mm)	127 x 254 x 91	208 x 330 x 97		287 x 411 x 102
Weight (kg)	3.2	5	4.9	6.1
Conditions to use	+5 to +35 °C / 80% RH			
Part no.	078543B	078544B	078545B	078546B
€	N/A -	N/A -	N/A -	N/A -



Depending on model

3 YEARS WARRANTY

Tip

Find more models on the following page.

New products page

Prices are indicative and excluding tax. Visit Dutscher.com

Heating magnetic stirrers IKA RCT Basic and Digital

IKA

260737



IP 42



Depending Model

250561



- Glass casing surface for enhanced chemical resistance
- Heat indicator on the plate to warn the user and prevent burns
- Supplied with PT 1000 probe

RCT Digital

- Alnico magnet for a powerful coupling
- Parameter lock function

Model	RCT Basic	RCT Digital
Interface	Digital	
Stirring capacity (l)	20	
Speed (rpm)	50 - 1500	
Heating temperature (°C)	Ambient at 310	
Pt 1000 probe	Included	
Ø plate (mm)	135	
Plate materials	Aluminium alloy	
Dimensions (L x W x H) (mm)	160 x 85 x 270	
Weight (kg)	2.5	2.4
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	260737	250561
€	N/A -	N/A -

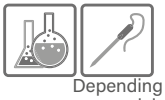
Heating magnetic stirrers IKA C-Mag

IKA



more products Dutscher.com

IP 21



Depending on model

- Digital interface for temperature control
- Heat indicator on the plate to warn the user and prevent burns
- Optional thermoregulator for precise temperature control of the medium

Model	C-Mag HS 4		C-Mag HS 7		C-Mag HS 10	
Interface	Analog	Digital	Analog	Digital	Analog	Digital
Stirring capacity (l)	5		10		15	
Speed (rpm)	100 - 1500					
Heating temperature (°C)	+50 to +500 °C					
Series Pt1000 probe	No	Yes	No	Yes	No	Yes
Tray dimensions (mm)	100 x 100		180 x 180		260 x 260	
Plate materials	Glass-ceramic					
Thermoregulator port	No		Yes			
Dimensions (L x W x H) (mm)	150 x 260 x 105		220 x 330 x 105		300 x 415 x 105	
Weight (kg)	3		5		6	
Conditions to use	+5 to +40 °C / 80% RH					
Part no.	250170	260705	250171	260706	250172	260910
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Heating magnetic stirrer pack C-MAG HS 7

Part no.	Designation	€
250176	Heating magnetic stirrer pack C-MAG HS7 + temperature controller + complete stand	N/A -

Heating magnetic stirrers IKA RH Basic and Digital

IKA

250329



IP 21

2 YEARS WARRANTY

250330

Model	RH Basic	RH Digital
Interface	Analog	Digital
Stirring capacity (l)	15	
Speed (rpm)	50 - 2000	
Heating temperature (°C)	50 to 320	
Thermoregulator port	Yes	
Ø plate (mm)	135	
Plate materials	Stainless steel	
Dimensions (L x W x H) (mm)	160 x 245 x 90	
Weight (kg)	3.1	3.8
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	250329	250330
€	N/A -	N/A -

Heating magnetic stirrers Mix'n'Heat Core & Hei-Connect Heidolph

- Resistant to high temperatures, chemicals, and scratch-resistant
- Waterproof case for easy cleaning
- Safety cut-off system in the event of malfunction (short circuit, overheating)
- Heat indicator on the plate to warn the user and prevent burns
- Gradual increase in speed to avoid splashing

Mix'n'Heat Core magnetic stirrer
- Adapted to the electronic thermocontact Hei-Con for precise control of the actual temperature

Heating magnetic stirrer Mix'n'Heat Core +
- Option for temperature regulation via PT1000 sensor (not included)

Heating magnetic stirrers Mix'n'Heat Expert and Ultimate
- USB-B interface for data recording
- Various heating modes (Fast, Precise, Precise+)
- Control of startup agitation characteristics

Heating magnetic stirrer Mix'n'Heat Ultimate
- All the features of the Mix'n'Heat Expert as well as...
- RS232 interface, LAN, and USB-B for data logging and remote control
- Ability to control the laboratory jack Heidolph LabJack
- Programming of gradients for precise and reproducible control



Mix'n'Heat Core



Mix'n'Heat Expert



Mix'n'Heat Ultimate

Model	Mix'n'Heat Core	Mix'n'Heat Core+	Mix'n'Heat Expert	Mix'n'Heat Ultimate
Interface	Analog	Digital		
Stirring capacity (l)	20			
Speed (rpm)	100 to 1400			
Heating temperature (°C)	20 - 300		20 - 350	
Ø plate (mm)	145			
Material	Kera-Disk® - Silumin with ceramic coating			
Probe port	Thermoregulator Hei-Con (not included)	PT1000 (not included)		
Dimensions (L x W x H) (mm)	169 x 299 x 101		168 x 299 x 106	
Weight (kg)	3			2.9
Conditions to use	+5 to +31 °C / 80% RH			
Part no.	499974	499975	498693	498694
€	N/A -	N/A -	N/A -	N/A -
Shaker pack + pt1000 probe	-	499978	498695	498697
€	-	N/A -	N/A -	N/A -
Shaker + Pt1000 probe + stand pack	499977*	499979	498696	498698
€	N/A -	N/A -	N/A -	N/A -

* With Hei-Con thermo-regulator.

Guardian 5000 Ohaus magnetic stirrers

- SafetyHeat: overheating detection with two independent safety controls
- SmartHeat: setting the upper limit of the setpoint temperature
- SmartRate: selection of speed or temperature ramp rate
- Heating stop if the external probe is connected and not immersed
- Device delivered individually or as a kit with a PT1000 temperature probe and probe support kit





Model	e-G52HS07C	e-G52HS10C	e-G52HSRDA
Interface	Digital		
Stirring capacity (l)	20	22	20
Speed (rpm)	50 - 1800		
Heating temperature (°C)	Ambient +5 to 550°C	Ambient +5 to 500°C	Ambient +5 to 360°C
Tray dimensions (mm)	180 x 180	260 x 260	Ø 135
Plate materials	Ceramic		Ceramic-coated aluminium
Pt1000 probe port	Pt100 or Pt1000 (not included)		
Dimensions (L x W x H) (mm)	329 x 221 x 116	402 x 287 x 118	259 x 175 x 108
Weight (kg)	4.6	6.7	2.6
Operating conditions	+5 to +40 °C / 80% RH		
Part no.	334243	334245	334247
€	N/A -	N/A -	N/A -
Complete Kit part no.	334244	334246	334248
€	N/A -	N/A -	N/A -

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Multi-position magnetic stirrers MultiStirrer Velp



- Cool surface even for long periods of use

MultiStirrer Digital:

- SpeedServo technology for improved speed consistency during viscosity changes

Model	MultiStirrer 6		MultiStirrer 15	
Interface	Analog	Digital	Analog	Digital
Agitation points	6		15	
Stirring capacity (l)	0.4		0.25	
Speed (rpm)	80 - 1500			
Distance between the workstations (mm)	85		64	
Plate materials	Stainless steel			
Dimensions (L x W x H) (mm)	230 x 370 x 51.5			
Weight (kg)	1.75		2.1	
Conditions to use	-10 to +60 °C / 80% RH			
Part no.	399051	399054	399053	399055
€	N/A -	N/A -	N/A -	N/A -

Multi-position magnetic stirrers IKA RO



- Wear-free actuation of the magnetic bar by coil
- Eco mode of operation reducing surface heating
- Programmable stirring direction for better stirring

Model	RO 5	RO 10	RO 15
Interface	Digital		
Number of branches	5	10	15
Stirring capacity / station (l)	0.4		
Total stirring capacity (l)	2	4	6
Shaking speed (rpm)	0 - 1200		
Distance between stations (mm)	90		
Plate materials	Stainless steel		
Dimensions (L x W x H) (mm)	120 x 570 x 60	190 x 570 x 60	280 x 570 x 60
Weight (kg)	3	5	7
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	250335	250336	250337
€	N/A -	N/A -	N/A -

Multi-position magnetic stirrers remote-controlled MixDrive 2mag



The most flexible multi-position stirrers, suitable for use in a water bath or cold room.

- Zero maintenance: induction-driven magnetic bar training
- Engine with no heat emission, surface remains cool during operation
- Delivered without control unit, to be completed with a control module of your choice

Model		MixDrive 6	MixDrive 6 HT	MixDrive 15	MixDrive 15 HT
Interface		Depending on the control module			
Number of branches		6		15	
Stirring capacity per station (l)		3			
Speed (rpm)		Depending on the control module			
Distance between stations (mm)		130		65	
Plate materials		Stainless steel			
Admissible T °C (platform)	Water	± 50	± 95	± 50	± 95
	Air		± 200		± 200
Dim. (L x W x H) (mm)		245 x 375 x 38			
Weight (kg)		9.5		8.9	
Part no.		699019	699020	699021	699022
€		N/A -	N/A -	N/A -	N/A -

Control modules

Part no.	Designation	Interface	Speed (rpm)	€
699023	MixControl Eco	Analog	120 - 1200	N/A -
699024	MixControl 20	Digital	100 - 1600	N/A -
699025	MixControl 40	Digital	100 - 2000	N/A -

Multi-HS 6/15 Velp heated magnetic stirrers

The most comprehensive of the multi-position heating stirrers.

- Cool surface even for long periods of use
- SpeedServo technology for improved speed consistency during viscosity changes
- Heat indicator on the plate to warn the user and prevent burns
- Parameter lock function
- Programmable stirring direction for better stirring
- Timer from 5 s to 99:59 min

Model	Multi-HS 6	Multi-HS 15
Interface	Digital	
Number of branches	6	15
Stirring capacity / station (l)	0.4	0.25
Speed (rpm)	100 - 1000	
Heating temperature	Ambient to +120 °C	
Distance between the stations (mm)	100	74
Plate materials	Ceramic-coated aluminium	
Dimensions (L x W x H) (mm)	240 x 550 x 65	
Weight (kg)	4.8	
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	399116	399117
€	N/A -	N/A -



Multi-position heating magnetic stirrers IKA RT

- Wear-free actuation of the magnetic bar by coil
- "Eco" mode operation reducing surface heating
- Programmable stirring direction for better stirring

Model	RT 5	RT 10	RT 15
Interface	Digital		
Number of branches	5	10	15
Stirring capacity / station (l)	0.4		
Speed (rpm)	0 - 1200		
Heating temperature (°C)	Ambient at +120		
Distance between stations (mm)	90		
Plate materials	Stainless steel		
Dimensions (L x W x H) (mm)	120 x 570 x 60	190 x 570 x 60	280 x 570 x 60
Weight (kg)	3	5	7
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	250332	250333	250334
€	N/A -	N/A -	N/A -



Multi-position heating magnetic stirrers 2mag

- Zero maintenance: induction-driven magnetic bar training
- Supplied with HeatMIXControl module

Model	HOTPLATE 6	HOTPLATE 15
Interface	Digital	
Number of branches	6	15
Stirring capacity / station (l)	1.5	1
Speed (rpm)	100 - 2000	
Heating temperature	+40 to +200 °C	
Pt100 probe port	Yes	
Distance between the stations (mm)	130	65
Plate materials	PTFE-coated aluminium alloy	
Plate size/controller (L x W x H) (mm)	250 x 430 x 75 / 225 x 171 x 48	
Weight of platform/ controller (kg)	15 / 2,2	
Operating conditions	0 to +40 °C / 80% RH	
Part no.	699000	699002
€	N/A -	N/A -

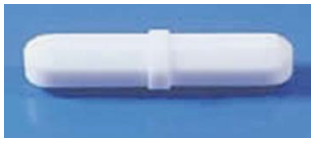


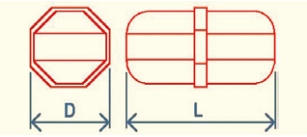
Prices are indicative and excluding tax. Visit Dutscher.com

Spinbar magnetic stirrer bars

- Made of pure PTFE, FDA approved
- Autoclavable

Octagonal bars with swivel ring



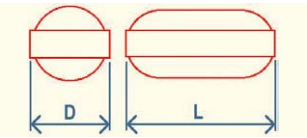


- Swivel ring reducing friction and enhancing efficiency
- Octagonal shape for high turbulence

l x Ø (mm)	Colour				€
	White	Red	Yellow	Blue	
13 x 3	045902	-	-	-	N/A -
13 x 8	045907	045903	045904	045906	N/A -
13 x 10	046088	-	-	-	N/A -
16 x 8	045911	045912	045913	045914	N/A -
22 x 8	045915	045916	045917	045918	N/A -
25 x 8	045919	045920	045921	045922	N/A -
25 x 10	045908	-	-	-	N/A -
28 x 8	046091	-	-	-	N/A -
38 x 8	045923	045924	045925	045926	N/A -
38 x 10	045909	-	-	-	N/A -
41 x 8	045931	-	-	-	N/A -
51 x 8	045927	045928	045929	045930	N/A -
51 x 10	045910	-	-	-	N/A -
64 x 8	045932	-	-	-	N/A -
64 x 10	045905	-	-	-	N/A -
75 x 13	045933	045934	045935	045936	N/A -

Mini stirring bars



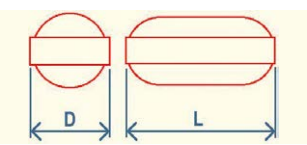


- For small containers
- Lateral strip to increase turbulence

l x Ø (mm)	Colour				€
	White	Red	Yellow	Blue	
2 x 2	045945	045947	045946	045948	N/A -
3 x 3	045957	045958	045959	045960	N/A -
5 x 2	045949	045950	045951	045952	N/A -
6 x 3	045961	045962	045963	045964	N/A -
7 x 2	045953	045954	045955	045956	N/A -
8 x 1.5	045937	045938	045939	045940	N/A -
8 x 3	095893	-	-	-	N/A -
10 x 3	045965	045966	045967	045968	N/A -
12.7 x 3	045969	045970	045971	045972	N/A -
15 x 1.5	045941	045943	045942	045944	N/A -
20 x 3	095894	-	-	-	N/A -
30 x 3	095895	-	-	-	N/A -

Economic side strip bars

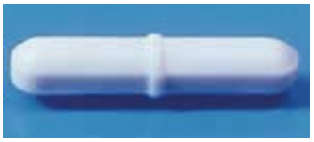


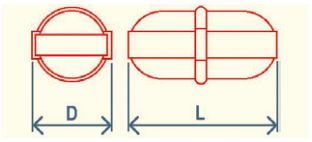


l x Ø (mm)	Part no.	€
12 x 3	095958	N/A -
25 x 8	095959	N/A -
40 x 8	095960	N/A -
50 x 8	095961	N/A -

- Side panel to increase turbulence

Cylindrical bars with swivel ring



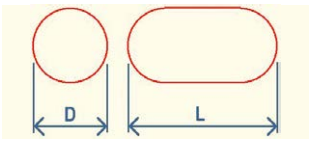


- Swivel ring reducing friction and enhancing efficiency
- Lateral strip to increase turbulence

l x Ø (mm)	Part no.	€	l x Ø (mm)	Part no.	€
8 x 3	046010	N/A -	30 x 6	046073	N/A -
12 x 4.5	046065	N/A -	35 x 6	046074	N/A -
12 x 6	046066	N/A -	40 x 8	046076	N/A -
15 x 4.5	046068	N/A -	45 x 8	046077	N/A -
15 x 8	046069	N/A -	50 x 8	046078	N/A -
20 x 6	046070	N/A -	60 x 10	046080	N/A -
25 x 6	046071	N/A -	70 x 10	046082	N/A -
25 x 10	046072	N/A -	75 x 13	046083	N/A -

Cylindrical bars

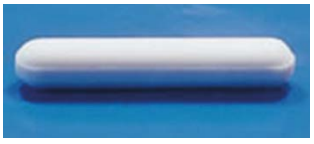


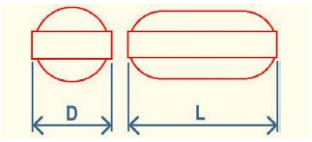


- Perfectly cylindrical and smooth
- Limited turbulences

l x Ø (mm)	Part no.	€	l x Ø (mm)	Part no.	€
6 x 3	046030	N/A -	30 x 6	046014	N/A -
8 x 3	046031	N/A -	30 x 7	046043	N/A -
10 x 6	046032	N/A -	30 x 8	045994	N/A -
12 x 4.5	046033	N/A -	35 x 6	046044	N/A -
13 x 6	046034	N/A -	40 x 7	046045	N/A -
13 x 8	045992	N/A -	40 x 8	045995	N/A -
15 x 4.5	046037	N/A -	45 x 8	045996	N/A -
15 x 6	046038	N/A -	50 x 8	045997	N/A -
20 x 6	046039	N/A -	57 x 27	045847	N/A -
20 x 7	046040	N/A -	60 x 10	045845	N/A -
20 x 8	046041	N/A -	70 x 10	045846	N/A -
25 x 5	046042	N/A -	80 x 10	045844	N/A -
25 x 6	046013	N/A -	108 x 27	045848	N/A -
25 x 8	045993	N/A -	159 x 27	045849	N/A -

Lateral strips bars





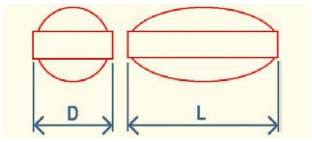
- Lateral strip to increase turbulence

l x Ø (mm)	Part no.	€	l x Ø (mm)	Part no.	€
10 x 6	045973	N/A -	35 x 7	046055	N/A -
12 x 4.5	046046	N/A -	35 x 10	045839	N/A -
13 x 8	046047	N/A -	40 x 7	-	-
15 x 4.5	046048	N/A -	40 x 8	045978	N/A -
15 x 6	045974	N/A -	45 x 8	-	-
15 x 8	046049	N/A -	50 x 7	046058	N/A -
20 x 6	046012	N/A -	50 x 8	045979	N/A -
20 x 7	045975	N/A -	50 x 10	046059	N/A -
25 x 6	046050	N/A -	60 x 7	046060	N/A -
25 x 8	045976	N/A -	60 x 10	045980	N/A -
25 x 10	046052	N/A -	65 x 13	046062	N/A -
30 x 6	046053	N/A -	70 x 10	046063	N/A -
30 x 7	045977	N/A -	75 x 13	046064	N/A -
35 x 6	-	-	80 x 7	045981	N/A -

Magnetic stirring bars Spinbar (continued)

Ovoid-shaped bars

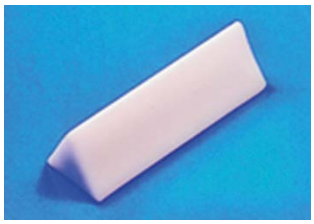


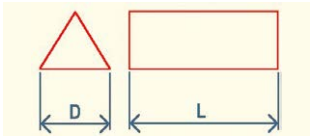


- Adapted for vials and other round-bottom vessels

l x Ø (mm)	For vials	Part no.	€
10 x 5	-	045982	N/A -
15 x 6	-	045983	N/A -
19 x 9.5	10 ml to 100 ml	045984	N/A -
25 x 12	100 ml to 200 ml	045985	N/A -
30 x 16	300 ml to 500 ml	045986	N/A -
35 x 16	300 ml to 500 ml	045987	N/A -
40 x 13	500 ml to 1000 ml	046097	N/A -
40 x 20	500 ml to 1000 ml	045988	N/A -
50 x 20	2000 ml to 3000 ml	045989	N/A -
64 x 20	3000 ml to 5000 ml	045990	N/A -
70 x 20	12 l to 22 l	045991	N/A -

Triangular-shaped bars





- Particularly suited for the dissolution of solids and sediments
- The friction of the base causes a scraping action on the bottom

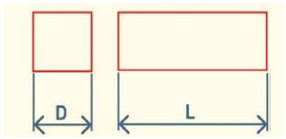
l x Ø (mm)	Part no.	€	l x Ø (mm)	Part no.	€
12 x 6	095882	N/A -	50 x 12	085887	N/A -
20 x 8	095883	N/A -	55 x 14	085888	N/A -
25 x 8	095884	N/A -	80 x 18	085889	N/A -
25 x 14	046087	N/A -	110 x 36	085890	N/A -
35 x 9	095885	N/A -	136 x 36	085891	N/A -
40 x 14	085886	N/A -	-	-	-

Square-shaped bars

- Strong turbulence, particularly at low speed

l x Ø (mm)	Part no.	€
12 x 4	095878	N/A -
25 x 5.5	095879	N/A -
35 x 6	095880	N/A -
50 x 7.5	095881	N/A -

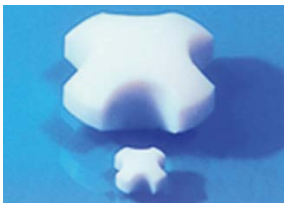


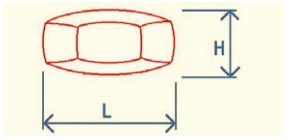


Disc-shaped bars

- Adapted for test tubes

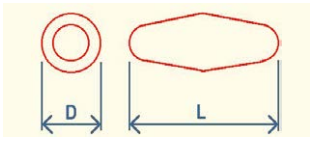
l x Ø (mm)	Part no.	€
6 x 9	098889	N/A -
6 x 10	095890	N/A -
10 x 20	098891	N/A -
12 x 30	095892	N/A -





Profiled shape bars



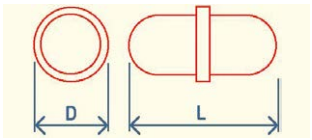


- Action similar to oval shapes or pivot

l x Ø (mm)	Part no.	€	l x Ø (mm)	Part no.	€
10 x 4	095931	N/A -	40 x 8	095937	N/A -
15 x 5	095932	N/A -	45 x 8	095938	N/A -
20 x 7	095933	N/A -	50 x 8	095939	N/A -
25 x 8	095934	N/A -	60 x 8	095941	N/A -
30 x 8	095935	N/A -	70 x 8	095942	N/A -
35 x 8	095936	N/A -	80 x 10	095943	N/A -

Bars with removable pivot





- Usable with or without pivot
- Perfectly cylindrical and smooth

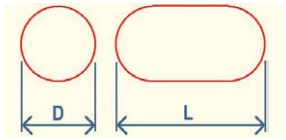
l x Ø (mm)	Part no.	€	l x Ø (mm)	Part no.	€
12 x 8	095919	N/A -	51 x 8	095925	N/A -
25 x 8	095920	N/A -	51 x 10	095926	N/A -
32 x 8	095921	N/A -	75 x 12	095927	N/A -
38 x 8	095922	N/A -	102 x 16	095928	N/A -
38 x 10	095923	N/A -	127 x 16	095929	N/A -
42 x 10	095924	N/A -	150 x 19	095930	N/A -

Cylindrical glass bars

- Serves to prevent contact with the PTFE

l x Ø (mm)	Part no.	€
6 x 5	095910	N/A -
12 x 5	095911	N/A -
25 x 6	095912	N/A -
45 x 8	095913	N/A -
60 x 8	095914	N/A -



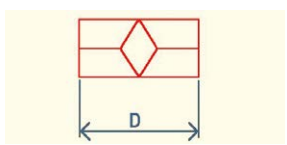


Cross bars

- Highly stable, cause significant turbulence

l x Ø (mm)	Part no.	€
10 x 5	095951	N/A -
20 x 8	095952	N/A -
25 x 9	095953	N/A -
30 x 10	095954	N/A -
38 x 11	095955	N/A -
50 x 15	095956	N/A -
60 x 20	095957	N/A -





Prices are indicative and excluding tax. Visit Dutscher.com

Magnetic bars for viscous solution



Ideal for viscous solutions.

- Samarium/Cobalt magnet for high magnetic torque
- Made from FDA-approved PTFE, USP Class VI, autoclavable
- Swivel ring reducing friction and enhancing efficiency
- Octagonal shape for high turbulence

Width x Ø (mm)	Part no.	€
25.4 x 9.5	088868	N/A -
51 x 9.5	088869	N/A -
76 x 13	088870	N/A -

Komet heavy duty magnetic bars



Ideal for viscous solutions and high speeds.

- Samarium/Cobalt magnet for high magnetic torque
- Made of PTFE, autoclavable

Type	ø x L (mm)	Part no.	€
Komet 90	24 x 90	078625	N/A -
Komet 50	21 x 50	078626	N/A -
Komet 30	12 x 30	078628	N/A -
Komet 15	9 x 15	078627	N/A -
Komet 90 with swivel ring	31 x 90	078631	N/A -
Komet 50 with swivel ring	26 x 50	078630	N/A -

Set of assorted stirring bars







Part no.	Total number bars	Types of bars	Composition	€
085854	12	Octagons with pivot	2 bars of each of the following dimensions: l x Ø (mm) 12.7 x 8; 25 x 9.5; 38 x 9.5; 16 x 8; 51 x 9.5; 64 x 9.5	N/A -
085119	6	Octagonal (without storage box)	2 bars of each of the following dimensions: l x Ø (mm) 25 x 8; 38 x 8; 51 x 8	N/A -
085855	22	Cylindrical with removable pivot	2 bars of each of the following dimensions: l x Ø (mm) 12.7 x 9.5; 25 x 8; 51 x 9.5; 12.7 x 8; 19 x 8; 25 x 9.5; 38 x 8; 44 x 8; 51 x 8; + 1 bar of each of the following dimensions: 32 x 8 ; 32 x 9.5 ; 38 x 9.5 ; 44 x 9.5	N/A -
085120	6	Cylindrical with removable pivot (without storage box)	2 bars of each of the following dimensions: l x Ø (mm) 28 x 8; 38 x 8; 51 x 8	N/A -
085856	24	Octagons with colour	3 bars (yellow, red, and blue) of each of the following dimensions: l x Ø (mm) 12.7 x 3; 16 x 8; 22 x 8; 12.7 x 8; 25 x 8; 38 x 8; 51 x 8; 76 x 12.7	N/A -
045843	18	Cylindrical smooth	2 bars of each of the following dimensions: l x Ø (mm) 10 x 6; 15 x 6; 20 x 7; 25 x 8; 30 x 8; 40 x 8; 50 x 8; 60 x 10; 80 x 10	N/A -
095962	12	Ovoids	2 bars of each of the following dimensions l x Ø (mm): 10 x 5 ; 15 x 6 ; 25 x 10 ; 30 x 10 ; 35 x 13 ; 50 x 17 ; 70 x 27	N/A -
095963	18	With side strip	2 bars of each of the following dimensions l x Ø (mm): 10 by 6; 15 by 6; 20 by 7; 25 by 8; 30 by 7; 40 by 8; 50 by 8; 60 by 7; 80 by 10	N/A -
095964	12	Mini format	3 bars (yellow, red, and blue) of each of the following dimensions l x Ø (mm): 8 x 1.5; 5 x 2; 7 x 2; 10 x 3	N/A -
085121	6	Mini format (without storage box)	2 bars of each of the following dimensions: l x Ø (mm): 8 x 1.5; 7 x 2; 10 x 3	N/A -
095966	14	Octagonal and smooth	2 bars of each of the following dimensions l x Ø (mm): Octagonal: 13 x 8; 15 x 8; 25 x 10; 38 x 10; 51 x 10; Smooth: 7 x 2; 10 x 3	N/A -
085122	6	Coloured (without storage box)	2 bars 25 x 7 mm of each of the following colours: Yellow, red and blue	N/A -

Accessories for magnetic stirrers

Handle magnet





Allows for easy removal of the bar without immersing it in the liquid.

- Polystyrene casing

Part no.	Designation	€
085111	Magnet with handle for the removal of magnetic bars	N/A -

Stirring bar retriever



Rigid bar with magnetic tip for the removal of bars.

- In economical PP, or in chemically resistant PTFE

l x Ø (mm)	PP		PTFE	
	Part no.	€	Part no.	€
150 x 10	-	-	085892	N/A -
250 x 10	-	-	085893	N/A -
300 x 10	085857	N/A -	-	-
350 x 10	085894	N/A -	095969	N/A -
450 x 10	095971	N/A -	095970	N/A -

Heating plate for cell culture

37 °C CultureTemp hot plate

Specifically designed for maintaining cell cultures at 37°C during transfers outside the incubator.

- UV-resistant polypropylene casing and compatible with common disinfectants
- 15-minute timer with 1-minute increments for the activation duration of trypsin

Interface	Digital
Heating temperature	37°C (fix)
Tray dimensions (mm)	178 x 203
Plate materials	Anodised aluminium
Dimensions (L x W x H) (mm)	254 x 249 x 57
Part no.	088875
€	N/A -



Dutscher.com

Heating plates

Infrared heating plate HP-200-IR-L Cole-Parmer

Cole-Parmer
an antylia scientific company

- Ultra-fast heating saves time and energy
- Heating plate indicator to alert the user and prevent burns

Interface	Analog
Heating power	1200 W
Ø heating zone (mm)	140
Plate materials	Glass-ceramic
Dimensions (L x W x H) (mm)	300 x 365 x 105
Weight (kg)	4
Conditions to use	+5 to +40 °C / 80% RH
Part no.	002264
€	N/A -



Heating plates CIMAREC+ ThermoScientific

thermo scientific

- Heat indicator on the plate to warn the user and prevent burns

Interface	Digital			
Heating temperature (°C)	30 - 540		30 - 300	30 - 400
Tray dimensions (mm)	108 x 108	184 x 184		260 x 260
Plate material	Ceramic		Aluminium	Ceramic
Dimensions (L x W x H) (mm)	127 x 254 x 91	208 x 330 x 97		287 x 411 x 102
Weight (kg)	2.5	4.3	4.2	5.4
Conditions to use	+5 to +35 °C / 80% RH			
Part no.	078529B	078530B	078531B	078532B
€	N/A -	N/A -	N/A -	N/A -



Heating Plates C-MAG IKA

IKA

- Digital interface for temperature control
- Heat indicator on the plate to warn the user and prevent burns
- Optional thermoregulator for precise temperature control of the medium

Model	PC-400D	PC-600D	PC-600D
Interface	Analog		
Heating temperature (°C)	+50 to +550 °C		
Tray dimensions (mm)	100 x 100	180 x 180	260 x 260
Plate materials	Glass-ceramic		
Thermoregulator port	No	Yes	
Dimensions (L x W x H) (mm)	150 x 260 x 105	220 x 330 x 105	300 x 415 x 105
Weight (kg)	3	5	6
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	250173	250174	250175
€	N/A -	N/A -	N/A -

more products Dutscher.com

250175



Prices are indicative and excluding tax. Visit Dutscher.com

Vortex mixer Ohaus



- Solid design
- Supplied with 76 mm stirring head for vials

Speed (rpm)	2500
Orbit (mm)	4.9
Dimensions (L x W x H)(mm)	211 x 122 x 165
Weight (kg)	4.4
Conditions to use	+4 to +40 °C / 85% RH
Part no.	192141
€	N/A -

ClearLine® Miniature vortex stirrer



Miniature model to save bench space.

Speed (rpm)	2800 fixed
Orbit (mm)	4
Dimensions (L x W x H)(mm)	94 x 99 x 66
Weight (kg)	0.4
Conditions to use	+4 to +65 °C
Part no.	062599CL
€	N/A -

Vortex mixer fixed-speed Genie 1 Scientific Industries



Speed (rpm)	2700
Orbit (mm)	6
Dimensions (L x W x H)(mm)	165 x 122 x 165
Weight (kg)	4
Conditions to use	0 to +38 °C / 95% RH
Part no.	079007
€	N/A -

Accessory

Part no.	Designation	€
079011	75 mm support for vials	N/A -

Vortex mixer Lab Dancer IKA



Speed (rpm)	2800
Orbit (mm)	4.5
Dimensions (L x W x H)(mm)	100 x 70 x 100
Weight (kg)	0.776
Conditions to use	+5 to +40 °C / 80% RH
Part no.	250097
€	N/A -

Red mini-vortex

- Supplied with a red mixer head



Speed (rpm)	3000 fixed
Orbit (mm)	4.5
Dimensions (L x W x H)(mm)	96 x 85
Weight (kg)	0.55
Conditions to use	+5 to +40 °C / 80% RH
Part no.	141332B
€	N/A -

Vortex 1 IKA

IKA®

Interface	Analog
Speed (rpm)	1000 - 2800
Orbit (mm)	4.5
Dimensions (L x W x H)(mm)	95 x 70 x 110
Weight (kg)	0.828
Conditions to use	+5 to +40 °C / 80% RH
Part no.	250248
€	N/A -



IP 40

Vortex mixer V-100-V

Cole-Parmer® an antylia scientific company

Interface	Analog
Speed (rpm)	2500 - 4500
Orbit (mm)	4.5
Dimensions (L x W x H)(mm)	100 x 100 x 67
Weight (kg)	0.55
Conditions to use	+5 to +40 °C / 80% RH
Part no.	491342B
€	N/A -



IP 43

3 YEARS WARRANTY

Vortex mixer V-1 Plus Grant Bio

grant

Interface	Analog
Speed (rpm)	750 - 3000
Orbit (mm)	4
Dimensions (L x W x H)(mm)	90 x 150 x 80
Weight (kg)	0.8
Conditions to use	+4 to +40 °C / 80% RH
Part no.	144200B
€	N/A -



3 YEARS WARRANTY

Vortex mixer V-200 Cole-Parmer

Cole-Parmer® an antylia scientific company

Interface	Analog
Speed (rpm)	200 - 2500
Orbit (mm)	4.2
Operating mode	Manual or continuous
Dimensions (L x W x H) (mm)	135 x 215 x 78
Weight (kg)	3.2
Conditions to use	+5 to +40 °C / 80% RH
Part no.	090783B
€	N/A -



IP 31

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Vortex mixer V-3



Interface	Analog
Speed (rpm)	50 - 3000
Orbit (mm)	4
Operating mode	Manual or continuous
Dimensions (L x W x H) (mm)	130 x 60
Weight (kg)	0.6
Part no.	065524
€	N/A -

Accessories

Part no.	Designation	€
065527	Support 9 microtubes of 1.5/2 ml	N/A -
065526	Single support for tubes	N/A -

Vortex mixer LMS



Interface	Analog
Speed (rpm)	0 - 3000
Mode of operation	Manual or continuous
Dimensions (L x W x H) (mm)	130 x 155 x 155
Weight (kg)	3.1
Part no.	079030
€	N/A -

Accessories

Part no.	Designation	€
088933	Foam holder for microplates	N/A -
088934	Rubber support for vials	N/A -

Vortex mixer Corning LSE ®

CORNING



Interface	Analog
Speed (rpm)	0 - 2850
Mode of operation	Manual or continuous
Dimensions (L x W x H) (mm)	140 x 160 x 130
Weight (kg)	2.2
Conditions to use	+4 to +65 °C / 80% RH
Part no.	006776
€	N/A -

Accessories

Part no.	Designation	€
00480101	Foam holder for 24 tubes of 1.5/2ml, 24 tubes of 0.5ml, and 32 tubes of 0.2ml	N/A -
00480102	Foam holder for 1 microplate, 64 tubes of 0.2ml or 8 PCR strip tubes of 8 tubes each	N/A -
00480103	Foam holder for 8 tubes of 15mm and 8 tubes of 12/13mm	N/A -
00480104	Foam holder for 6 tubes of 50ml	N/A -
00480105	Foam holder for 12 tubes 1.5/2ml (horizontal)	N/A -
00480106	Foam holder for 4 tubes of 15ml (horizontal)	N/A -
00480107	Foam holder for 2 tubes of 50ml (horizontal)	N/A -

Velp vortex shakers

Comprehensive range with models featuring infrared sensors that minimise the risk of MSDs.

Infrared sensor models:

- Manual mode with infrared detection activates shaking without pressure and reduces the risk of RSI

Model	Classic	Wizard	ZX3	ZX4	TX4
Interface	Analog				Digital
Speed (rpm)	0 - 3000				
Orbit (mm)	4.5				
Operating mode	Manual or continuous				Manual, continuous or timer
Infrared sensor	-	Yes	-	Yes	
Timer	-	-	-	-	1 s to 999 min
Dimensions (l x w x h) (mm)	180 x 220 x 70		150 x 130 x 165		
Weight (kg)	2.2		2.7		
Conditions to use	+5 to +40 °C / 80% RH				
Part no.	399005	399006	399045	399639	399057
€	N/A -	N/A -	N/A -	N/A -	N/A -

IP 42

3 YEARS WARRANTY

According to model



399005



399006



399045



399639



399057

Accessories

Part no.	Designation	€
399007	Foam holder for 19 microtubes 1.5/2 ml	N/A -
399008	Foam holder to cut	N/A -
399009	Foam holder for 5 test tubes Ø 16 mm	N/A -
399010	Foam holder for 1 microplate	N/A -
399011	Rubber holder Ø 50 mm for vials	N/A -
399013	Holder for 4 tubes Ø 29 mm	N/A -

Tip

Find more models on the following page.

Ohaus variable speed vortex mixers

- Supplied with head for tubes and 76 mm head for vials

Model VXMNPS :

- Pulse function for homogenisation with glass beads
- Supplied with stainless steel rack for 12 microtubes

Model	VXMNAL	VXMNDG	VXMNPS
Interface	Analog	Digital	Digital
Speed (rpm)	500 - 2500	300 - 2500	500 - 2500
Orbit (mm)	4.9		2.5
Operating mode	Manual or continuous	Manual, continuous or timer	
Timer	-	1 s to 9999 min	
Dimensions (L x W x H) (mm)	210 x 165 x 123		
Weight (kg)	4.4		
Conditions to use	+4 to +40 °C / 85% RH		
Part no.	192142	192143	192144
€	N/A -	N/A -	N/A -

2 YEARS WARRANTY



192142



192144

Accessories

Part no.	Designation	Units/ box	€/ box
192330	Support for foam racks	1	N/A -
192314*	Foam insert for 24 microtubes 1.5/2 ml and 24 microtubes 0.2/0.5 ml	2	N/A -
192312*	Foam insert for 16 tubes Ø 14-16 mm	2	N/A -
192313*	Foam insert for 13 tubes Ø 20-25 mm	2	N/A -
192315*	Foam insert for microplates	2	N/A -

* Can only be used with the appropriate stand, not included.

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Vortex mixers by Heidolph Reax Top and Reax Control



IP 22

3 YEARS WARRANTY

- Location for stand rod

Vortex mixer Reax Control:

- Electronic speed control for enhanced precision even at low range

Model	Reax Top	Reax Control
Interface	Analog	
Speed (rpm)	100 - 2500	0 - 2500
Orbit (mm)	5	
Operating mode	Manual or continuous	
Dimensions (L x W x H) (mm)	134 x 172 x 105	
Weight (kg)	2.8	
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	498601	498604
€	N/A -	N/A -

Accessories

Part no.	Designation	€
498602	Holder for vial up to 50 ml	N/A -
498603	Foam holder for 10 microtubes 1.5/2 ml	N/A -
498651	Stand rod 210 mm with clamp for tube	N/A -

Vortex mixers IKA MS3



IP 21

- Detection of substrate type for determining maximum speed

Model	MS3 Basic	MS3 Digital	MS3 Control
Interface	Analog	Digital	
Speed (rpm)	0 - 3000		100 - 3000
Orbit (mm)	4.5		
Operating mode	Manual or continuous	Manual, continuous or timer	
Timer	-	1s to 999 min	1 s to 3599 min
Dimensions (L x W x H) (mm)	148 x 205 x 63		
Weight (kg)	2.9		3.16
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	250158	250134	260591
€	N/A -	N/A -	N/A -

MS3 Control:

- USB port for remote device operation

Accessories

Part no.	Designation	€
3426600	Universal holder for foam inserts	N/A -
250084*	Insert foam for 14 tubes Ø 8 mm	N/A -
250083*	Insert foam for 6 tubes Ø 10 mm	N/A -
250082*	Insert foam for 4 tubes Ø 15 mm	N/A -
250081*	Solid foam insert to cut out	N/A -
3426400	Holder for 1 microplate	N/A -
250440	Insert for 96-well PCR plate or 96 tubes of 0.2 ml	N/A -

* To be used exclusively with holder 3426600, not included.

Vortex mixer IKA Genius 3



IP 21

2 YEARS WARRANTY

Interface	Analog
Speed (rpm)	0 - 2500
Orbit (mm)	4
Operating mode	Manual or continuous
Dimensions (L x W x H) (mm)	127 x 136 x 149
Weight (kg)	4.5
Conditions to use	+5 to +40 °C / 80% RH
Part no.	3340000
€	N/A -

Accessories

Part no.	Designation	€
250320	Holder Ø 88 mm for vials	N/A -
3342400	Universal holder for inserts	N/A -
3344300	Foam insert for 54 microtubes 1.5/2 ml *	N/A -
250321	Foam insert for 18 tubes Ø 10 mm *	N/A -
250322	Foam insert for 12 tubes Ø 12 mm *	N/A -
250323	Foam insert for 8 tubes Ø 16 mm *	N/A -
250324	Foam insert for 8 tubes Ø 20 mm *	N/A -
250325	Foam insert for 1 Erlenmeyer flask 100 to 250 ml *	N/A -
3344400	Foam insert for 1 SBS microplate *	N/A -

* To be used only with the universal holder, not included (3342400).

Tip

Find more models on the previous page.

Vortex mixers Genie 2 and Genie Pulse Scientific Industries

The most versatile, numerous configurations for every situation.

- Supplied with standard head and Ø 75 mm holder for vials

Vortex Genie Pulse:

- Pulse function for interval mixing

Dutscher.com







Model	Genie 2	Genie 2T	Genie 2 digital	Genie Pulse
Interface	Analog		Digital	
Speed (rpm)	600 - 2700		500 - 2850	
Orbit (mm)	6			
Operating mode	Manual			
or continuous	Manual, continuous or timer			
Timer	-	1 s to 60 min	1s to 99 min	
Dimensions (L x W x H) (mm)	165 x 122 x 165			
Weight (kg)	4			
Conditions to use	0 to +38 °C / 95% RH			
Part no.	079008	079009	079070	079115
€	N/A -	N/A -	N/A -	N/A -



Part no.	Photo no.	Designation	Units/ box	€/ box
		Support with round foam inserts		
079012	-	Round support only	1	N/A -
079013*	2	Foam insert for 30 microtubes 1.5/2 ml and 30 microtubes 0.2/0.5 ml	2	N/A -
079014*	3	Foam insert for 1 microplate	2	N/A -
079127*	3A	Foam insert for 1 Deepwells microplate	2	N/A -
079015**	-	Complete support kit + round inserts **	1	N/A -
		Polypropylene support with foam inserts		
079016B	5	PP support only	1	N/A -
079017*	10	Fixing belt	2	N/A -
079018*	8	Foam insert for 4 tubes Ø 29-37 mm	2	N/A -
079019*	7	Foam insert for 4 tubes Ø 20-29 mm and 4 tubes Ø 14-20mm	2	N/A -
079020*	6	Foam insert for 4 tubes Ø 13-15 mm and 8 tubes 8-12 mm	2	N/A -
079021*	9	Solid foam insert to cut out	2	N/A -
079022**	-	Complete PP support kit with inserts **	1	N/A -

* Can only be used with the appropriate stand, not included.
** Includes holder and one suitable insert of each type.

Part no.	Photo no.	Designation	€/ box
		Horizontal racks	
079097	17	Horizontal rack for 6 x 50ml tubes	N/A -
079098	18	Horizontal rack for 12 x 15ml tubes	N/A -
079099	19	Horizontal rack for 24 microtubes 1.5/2 ml	N/A -
		Vertical racks	
079100	23	Vertical rack for 6 x 50ml tubes	N/A -
079101	24	Vertical rack for 12 x 15ml tubes	N/A -
079102	25	Vertical rack for 24 microtubes 1.5/2ml	N/A -
079104	26	Vertical rack for 6 x 50ml tubes, 6 x 15ml tubes and 12 x 1.5/2ml microtubes	N/A -
		High-speed vertical racks	
079120	20	High-speed vertical rack for 3 x 50ml tubes	N/A -
079121	21	High-speed vertical rack for 6 x 15ml tubes	N/A -
079122	22	High-speed vertical rack for 9 x 1.5ml tubes	N/A -
		Other racks	
079058	16	Rack for 2 short ampules and 2 x 15 ml tubes	N/A -
078059	15	Rack for 2 long ampules and 2 x 15 ml tubes	N/A -

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Vortex mixers for continuous use Ohaus



192145

- Supplied with monotube holder, universal holder, lid, and foam insert for 38 microtubes of 1.5/2 ml

Model	VXHDAL	VXHDDG
Interface	Analog	Digital
Speed (rpm)	300 - 3500	
Orbit (mm)	4.9	
Operating mode	Manual or continuous	Manual, continuous or timer
Timer	-	1s to 160h
Dimensions (L x W x H) (mm)	241 x 468 x 160	
Weight (kg)	6.7	
Conditions to use	+4 to +40 °C / 85% RH	
Part no.	192146	192145
€	N/A -	N/A -

Accessories

Part no.	Designation	€
192299	Foam insert for 52 microtubes of 0.5ml	N/A -
192300	Foam insert for 38 microtubes 1.5/2ml	N/A -
192303	Foam insert for 34 tubes Ø 12-13 mm	N/A -
192304	Foam insert for 20 tubes of 15ml Ø 15-18mm	N/A -
192305	Foam insert for 18 tubes Ø 19-21 mm	N/A -
192306	Foam insert for 13 tubes Ø 22-25 mm	N/A -
192307	Foam insert for 4 tubes of 50ml Ø 26-29mm	N/A -
192298	Holder 1 microplate SBS format	N/A -
192296	Holder 2 microplates SBS format	N/A -
192297	Holder 4 microplates SBS format	N/A -

Vortex mixer Multi Reax Heidolph



- Supplied complete with a carousel holding 26 tubes Ø 10-16 mm and a carousel 12 tubes 16-32 mm

Interface	Digital
Speed (rpm)	150 - 2000
Orbit (mm)	3
Operating mode	Continuous or timer
Timer	1s to 999 min
Dimensions (L x W x H) (mm)	270 x 410 x 272
Weight (kg)	9.8
Conditions to use	+5 to +40 °C / 80% RH
Part no.	498644
€	N/A -

Shaker VXR basic Vibrax® IKA



250136

- Supplied without a holder, to be completed with a platform or a universal holder

Interface	Analog
Speed (rpm)	0 - 2200
Orbit (mm)	4
Operating mode	Continuous
Dimensions (L x W x H)(mm)	157 x 130 x 247
Weight (kg)	6.1
Conditions to use	+5 to +40 °C / 80% RH
Part no.	250136
€	N/A -

Accessories

Part no.	Designation	€
250318	Platform 130 x 130 mm for 1 vial up to 250 ml	N/A -
250319	Platform 410 x 210 mm for Petri dishes and culture flasks	N/A -
250555	Universal roller platform for 2 bottles up to 500 ml	N/A -
250584	Rack for 64 microtubes 1.5/2ml	N/A -
250211	Universal holder for inserts	N/A -
250315	Foam insert for 70 microtubes 1.5/2ml	N/A -
250212	Insert foam for 41 tubes Ø 12 mm	N/A -
250316	Insert foam for 32 tubes Ø 16 mm	N/A -
250317	Insert foam for 18 tubes Ø 20 mm	N/A -



250318



250212

Ohaus Endeavor platform vortex mixer

Interface	Digital
Speed (rpm)	100 - 800
Orbit (mm)	3
Dimensions tray (mm)	300 x 220
Mode of operation	Manual, continuous, timer or programmes
Timer	1 s to 99 h 59 min
Programming	8 programmes / 5 steps
Dimensions (L x W x H) (mm)	420 x 262 x 119
Weight (kg)	4
Conditions to use	-10 to +40 °C / 80% RH
Part no.	334133
€	N/A -

- RS-232 connection for data extraction or remote control
- Detection of overload and imbalances
- Supplied complete with non-slip platform



Accessories

Part no.	Designation	€
334184	Anti-slip mat 290 x 220 mm	N/A -
334185	Universal platform 300 x 220 mm for clamps	N/A -
334186	Adhesive mat usable up to 250rpm and +60°C	N/A -
192225	Platform with 2 rolls	N/A -
192226	Additional roll for roller platform	N/A -
192228	Pin mat	N/A -

Vortex shaker with platform Vibramax 100 Heidolph

- Supplied with anti-slip mat

Interface	Analog
Speed (rpm)	150 x 1350
Orbit (mm)	3
Dimensions tray (mm)	220 x 220
Maximum load (kg)	2
Operating mode	Continuous or timer
Timer	0 - 120 min
Dimensions (L x W x H) (mm)	245 x 310 x 125
Weight (kg)	5.5
Conditions to use	+5 to +40 °C / 80% RH
Part no.	498640
€	N/A -



498640 + 498641

Accessories

Part no.	Designation	€
498641	Roller support	N/A -
499962	Universal platform for clamps	N/A -
498624	Clamp for 25 ml Erlenmeyer flask	N/A -
498625	Clamp for 50 ml Erlenmeyer flask	N/A -
498626	Clamp for 100 ml Erlenmeyer flask	N/A -
498615	Clamp for 250 ml Erlenmeyer flask	N/A -
498616	Clamp for 500 ml Erlenmeyer flask	N/A -
498617	Clamp for 1000 ml Erlenmeyer flask	N/A -

Vortex mixer with LSE platform Corning

Interface	Digital
Speed (rpm)	100 - 1200
Orbit (mm)	3
Maximum load (kg)	2
Operating mode	Continuous or timer
Timer	0 to 99 min
Dimensions (L x W x H)(mm)	262 x 337 x 130
Weight (kg)	7.3
Conditions to use	+4 to +65 °C / 85% RH
Part no.	006710
€	N/A -



- Delivered without a stand, to be completed with a platform of your choice

Platforms

Part no.	Designation	€
0048010	Platform for 4 microplates	N/A -
0048011	Platform with anti-slip mat	N/A -
0048012	Roller platform for glassware	N/A -

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Vortex mixer MixMate Eppendorf

eppendorf



- Quiet: sound level less than 50dB
- Anti-splash technology to limit cross-contamination
- 2D Mix-Control technology for perfectly even mixing motion

Interface	Digital
Speed (rpm)	300 - 3500
Orbit (mm)	3
Standard capacity	1 microplate SBS
Operating mode	Continuous or timer
Timer	15s to 99h30min
Dimensions (L x W x H) (mm)	170 x 230 x 130
Weight (kg)	4.2
Conditions to use	+2 to +40 °C / 75% RH
Part no.	999576
€	N/A -

Accessories

Part no.	Designation	€
033959	Rack 96 for 96 PCR tubes 0.2 ml, PCR srips or 96-well PCR plates, semi-skirted or non-skirted	N/A -
033960	Rack for 24 x 0.5 ml microtubes	N/A -
033961	Rack for 24 x 1.5 ml or 2 ml microtubes	N/A -
999577	Rack for 8 x 5 or 15 ml conical tubes	N/A -
999578	Rack for 4 x 25 or 50 ml conical tubes	N/A -

Vortex mixer MPS-1 Grant Bio

grant

- Quiet: sound level less than 50dB



Interface	Digital
Speed (rpm)	300 - 3200
Orbit (mm)	3
Standard capacity	1 microplate SBS
Operating mode	Continuous or timer
Timer	1 to 60 min
Dimensions (L x W x H)(mm)	225 x 215 x 150
Weight (kg)	5.1
Conditions to use	+4 to +40 °C / 80% RH
Part no.	144813
€	N/A -
Complete kit (vortex + 4 holders)	144814
€	N/A -

Accessories

Part no.	Designation	€
144815	Rack for 24 microtubes 1.5/2 ml	N/A -
144816	Adapter for 32 microtubes 0.5 ml	N/A -
144817	Adapter for 24 microtubes of 0.5 ml and 48 microtubes of 0.2 ml or 6 PCR strips	N/A -
144818	Adapter for 96 microtubes of 0.2 ml or 1 half-skirt or skirtless PCR plate	N/A -

Vortex mixer for microplates PMS-1000i Grant Bio

grant



Interface	Digital
Speed (rpm)	150 - 1200
Orbit (mm)	2
Standard capacity	2 microplates SBS
Operating mode	Continuous or timer
Timer	1min to 24h
Dimensions (L x W x H)(mm)	205 x 220 x 90
Weight (kg)	2
Conditions to use	+4 to +40 °C / 80% RH
Part no.	144206B
€	N/A -

Accessory

Part no.	Designation	€
144207	Tray for 4 microplates	N/A -

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Vortex mixer for microplates ClearLine®

Interface	Digital
Speed (rpm)	200 - 1500
Orbit (mm)	3
Standard capacity	4 microplates SBS
Operating mode	Timer or continuous
Timer / programming	1min to 99h
Dimensions (L x W x H)(mm)	333 x 298 x 120
Weight (kg)	5.5
Conditions to use	+4 to +65 °C
Part no.	060976CL
€	N/A -



Accessories

Part no.	Designation	€
062874	Adapter for 20 microtubes of 1.5 or 2.0 ml	N/A -
062875	Adapter for 20 microtubes 0.5 ml	N/A -

Ohaus vortex shakers for microplates

- Supplied with a standard head and a holder for 1 microplate

Vortex mixer for microplates Endeavor e-E51LDMP03

- RS-232 connection for data extraction or remote control
- Detection of overload and imbalances

Model	VXMPAL	VXMPDG	e-E51LDMP03
Interface	Analog	Digital	
Speed (rpm)	300 - 3500		100 - 1200
Orbit (mm)	3.5		3
Standard capacity	1 microplate SBS		4 microplates SBS
Operating mode	Manual or continuous	Manual, continuous or timer	Manual, continuous, timer or programmes
Timer	-	1s to 160h	1 s to 99 h 59 min
Programming	-		8 programmes / 5 steps
Dim. l x w x h (mm)	267 x 137 x 114		420 x 262 x 119
Weight (kg)	5.3		4
Conditions to use	+4 to +40 °C / 85% RH		-10 to +40 °C / 80% RH
Protection class	-		IP 21
Part no.	192148	192147	334135
€	N/A -	N/A -	N/A -



192147



334135

Accessory for VXMPAL and VXMPDG

Part no.	Designation	€
192296	Rack for 2 microplates	N/A -

Heidolph Titramax Vortex Shakers for Microplates

- Supplied complete with a non-slip tray featuring slots for microplates

Model	Titramax 101	Titramax 100	Titramax 1000
Interface	Analog		
Speed (rpm)	150 - 1350		
Orbit (mm)	3	1.5	
Standard capacity	4 microplates		6 microplates
Mode of operation	Continuous or timer		
Timer / programming	0 - 120 min		
Dimensions (L x W x H) (mm)	245 x 310 x 125		320 x 375 x 125
Weight (kg)	5.5		6.5
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	498637	498636	498638
€	N/A -	N/A -	N/A -


498637

Accessories and pack

Part no.	Designation	€
498620	Incubation chamber 546 x 394 x 163mm	N/A -
498622	Incubation module	N/A -
498639	Titramax 1000 set, incubation chamber and module	N/A -

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Prices are indicative and excluding tax. Visit Dutscher.com

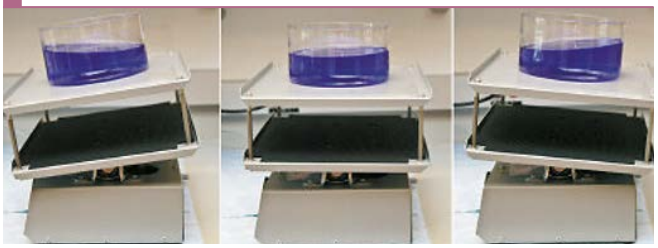
Non-slip mat for stainless steel platform

- To be placed on a stainless steel or anodised aluminium surface
- Maintains 4 litre Erlenmeyer flasks filled with 2 litres of medium and at a speed not exceeding 250 rpm
- Cleanable with alcohol



Part no.	Designation	€
047959	Anti-slip mat 230 x 230 mm	N/A -

RockerTape Shaker Adhesive



- Suitable for use with orbital shakers, reciprocating shakers, rocker shakers, 3D shakers, and in shaker-incubators, up to 250 rpm

Part no.	Designation	Units/ box	€/ box
053454	Adhesive sheets RockerTape 300 x 300 mm	3	N/A -

Anti-slip mats



Pre-cut Mat



Mat on a roll

- Usable with any shaker up to 250 rpm
- Do not prevent the tipping of tall containers
- Compatible with incubators up to 45°C
- Washable with water to restore original properties
- Antimicrobials
- Latex-free

Pre-cut mats

Dimensions	Blue	Red	Yellow	€
Ø 140 mm	178008	178009	178010	N/A -
Ø 190 mm	178011	178012	178013	N/A -
250 x 180 mm	178014	178015	178016	N/A -
380 x 450 mm	178017	178018	178019	N/A -

Mat on a roll

Dimensions	Blue	Red	Yellow	€
200 mm x 1 m	178020	178021	178022	N/A -
400 mm x 1 m	178023	178024	178025	N/A -

Orbital shaker low-speed for blotting

Orbital shaker blotter ClearLine®

ClearLine®



060954CL

- Supplied with non-slip platform

Interface	Analog
Speed (rpm)	3 - 70
Orbit (mm)	19
Dimensions tray (mm)	350 x 300
Maximum load (kg)	4
Operating mode	Continuous
Dimensions (L x W x H)(mm)	355 x 305 x 200
Weight (kg)	3.4
Conditions to use	+4 to +45 °C
Part no.	060954CL
€	N/A -

Accessories

Part no.	Designation	€
060955	Stackable platform, inter-tier height 70 mm	N/A -
060930	Stackable platform extension kit (adds 32 mm h.)	N/A -

Orbital shaker low-speed Orbit LS



Interface	Analog
Speed (rpm)	3 - 60
Orbit (mm)	19
Dimensions tray (mm)	295 x 295
Maximum load (kg)	5
Operating mode	Continuous or timer
Timer	20 to 120 min
Dimensions (L x W x H)(mm)	295 x 340 x 160
Weight (kg)	6.6
Conditions to use	+4 to +70 °C / 85% RH
Part no.	096535B
€	N/A -

Mini orbital shaker ClearLine®

ClearLine

Supplied with non-slip platform

Interface	Digital
Speed (rpm)	50 - 300
Orbit (mm)	19
Dimensions tray (mm)	240 x 200
Maximum load (kg)	4
Operating mode	Continuous or timer
Timer	1min to 99h
Dimensions (L x W x H)(mm)	333 x 298 x 120
Weight (kg)	5.5
Conditions to use	+4 to +65 °C
Part no.	060956CL
€	N/A -



Accessories for Magic Clamp platform

Part no.	Designation	€
060962	Magnetic clamp for 50 ml Erlenmeyer flask	N/A -
060961	Magnetic clamp for 125 ml Erlenmeyer flask	N/A -
060960	Magnetic clamp for 250 ml Erlenmeyer flask	N/A -
060959	Magnetic clamp for 500 ml Erlenmeyer flask	N/A -
060958	Magnetic clamp for 1000 ml Erlenmeyer flask	N/A -
062647	Adjustable magnetic clamp for 125, 250, and 500 ml Erlenmeyer flasks	N/A -
060963	Rack for 30 tubes of 15 ml and 20 tubes of 50 ml	N/A -

Platforms

Part no.	Designation	€
060964B	Adjustable roller platform	N/A -
060957	Magnetic platform Magic Clamp 240 x 295 mm	N/A -

Orbital shaker Rotamax 120 Heidolph

heidolph research made easy

Supplied complete with non-slip tray

Interface	Analog
Speed (rpm)	20 - 300
Orbit (mm)	20
Dimensions tray (mm)	220 x 220
Maximum load (kg)	2
Operating mode	Continuous or timer
Timer	0 - 120 min
Dimensions (L x W x H) (mm)	245 x 310 x 125
Weight (kg)	5.5
Conditions to use	+5 to +40 °C / 80% RH
Part no.	498643
€	N/A -



Accessory

Part no.	Designation	€
498641	Holder frame for 2 rolls	N/A -

Orbital shaker with platform PSU-10i Grant Bio

grant

Delivered without a stand, to be completed with a platform of your choice

Interface	Digital
Speed (rpm)	50 - 450
Orbit (mm)	10
Maximum load (kg)	3
Operating mode	Continuous or timer
Timer	1min to 96h
Dimensions (L x W x H)(mm)	255 x 255 x 100
Weight (kg)	3.4
Conditions to use	+4 to +40 °C
Part no.	144210B
€	N/A -



Platforms

Part no.	Designation	€
144214	Holder roller platform 270 x 195 mm	N/A -
144215B	Non-slip platform 230 x 230 mm	N/A -
144216	Platform dedicated to clamps for 12 vials of 100 ml	N/A -
144217	Platform dedicated to clamps for 6 vials of 250 ml	N/A -
144741	Platform dedicated to 88 tubes, max Ø 30 mm	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Ohaus Endeavor orbital shaker

- RS-232 connection for data extraction or remote control
- Detection of overload and imbalances
- Supplied complete with non-slip platform



Interface	Digital
Speed (rpm)	50 - 300
Orbit (mm)	20
Dimensions tray (mm)	300 x 220
Maximum load (kg)	-
Operating mode	Manual, continuous, timer or programmes
Timer	1 s to 99 h 59 min
Programming	8 programmes / 5 steps
Dimensions (L x W x H) (mm)	420 x 262 x 119
Weight (kg)	4
Conditions to use	-10 to +40 °C / 80% RH
Part no.	334134
€	N/A -

Accessories

Part no.	Designation	€
334184	Anti-slip mat 290 x 220 mm	N/A -
334185	Universal platform 300 x 220 mm for clamps	N/A -
334186	Adhesive mat usable up to 250 rpm and +60 °C	N/A -
192225	Platform with 2 rolls	N/A -
192226	Additional roll for roller platform	N/A -
192228	Pin mat	N/A -

Orbital shakers Orbital-Genie Mini-100 and Mini-300 Scientific Industries



079151

Mini-100 Orbital shaker
- Supplied with non-slip platform

Mini-300 Orbital shaker
- Supplied with a platform of choice

Model	Mini-100	Mini-300		
Interface	Analog			
Speed (rpm)	20 - 100	30 - 300		
Orbit (mm)	19			
Tray dim. (mm)	290 x 290	305 x 305		
Mode of operation	Continuous			
Dim. (L x W x H) (mm)	350 x 350 x 76			
Weight (kg)	3.5	10.25		
Conditions to use	0 to +38 °C / 95% RH			
Supplied with platform	Non-slip	With rollers	Universal for clamps	Non-slip
Part no.	079149	079151	079152	079153
€	N/A -	N/A -	N/A -	N/A -



079149 +
2x 079164

Accessories

Part no.	Designation	€
079164	Stackable platform with non-slip mat for Mini-100	N/A -
079178	Stackable platform with non-slip mat for Mini-300	N/A -
079087	Clamp for 100 ml Erlenmeyer flask	N/A -
079088	Clamp for 100 ml Erlenmeyer flask	N/A -
079089	Clamp for 100 ml Erlenmeyer flask	N/A -
079090	Clamp for 100 ml Erlenmeyer flask	N/A -
079091	Clamp for 100 ml Erlenmeyer flask	N/A -
079092	Clamp for 100 ml Erlenmeyer flask	N/A -

Touch orbital shaker ClearLine®

ClearLine

Supplied with non-slip platform

Interface	Tactile
Speed (rpm)	30 - 300
Orbit (mm)	19
Dimensions tray (mm)	330 x 300
Maximum load (kg)	6
Operating mode	Continuous or timer
Timer	1min to 99h
Dimensions (L x W x H)(mm)	280 x 430 x 75
Weight (kg)	11.25
Conditions to use	+4 to +65 °C
Part number	062819CL
€	N/A -

Our Selection



5 YEARS WARRANTY

Platforms

Part no.	Designation	€
060968	Dedicated platform 5 Erlen 500 ml	N/A -
060969	Dedicated platform 8 Erlen 250 ml	N/A -
060970	Dedicated platform 12 Erlen 125 ml	N/A -
060971	Dedicated platform for 4 microplates	N/A -
060972	Spring platform	N/A -
060966	MagicClamp platform 350 x 300 mm	N/A -

Accessories for Magic Clamp platform

Part no.	Designation	€
060962	Magnetic clamp for 50 ml Erlenmeyer flask	N/A -
060961	Magnetic clamp for 125 ml Erlenmeyer flask	N/A -
060960	Magnetic clamp for 250 ml Erlenmeyer flask	N/A -
060959	Magnetic clamp for 500 ml Erlenmeyer flask	N/A -
060958	Magnetic clamp for 1000 ml Erlenmeyer flask	N/A -
062647	Adjustable magnetic clamp for Erlen 125 to 500 ml	N/A -
060963	Rack for 30 tubes of 15 ml and 20 tubes of 50 ml	N/A -

Orbital shakers Hei-Shake Core

heidolph research made easy

RS232 connection for remote control via computer or server
Supplied with a non-slip platform

Model	Hei-Shake Core	Hei-Shake Core 2000
Interface	Digital	
Speed (rpm)	1 - 530	
Orbit (mm)	20	
Dimensions tray (mm)	294 x 263	390 x 340
Maximum load (kg)	15	
Operating mode	Continuous or timer	
Timer	1 min to 999h 59min	
Dimensions (L x W x H) (mm)	356 x 403 x 129	390 x 403 x 129
Weight (kg)	14	
Conditions to use	IP32	
Protection index	+5 to +40°C / 80% RH.	
Part no.	498537	498538
€	N/A -	N/A -

IP 30

3 YEARS WARRANTY



498537



498538

Platforms

	Hei-Shake Core		Hei-Shake Core 2000	
Designation	Part no.	€	Part no.	€
Universal platform for clamps and racks	498623	N/A -	498614	N/A -
Roll holders (supplied without rolls)	498627	N/A -	498612	N/A -
Fixation roll	498628	N/A -	498613	N/A -
Holder for additional tier	-	-	498611	N/A -

Retention clamps for Erlenmeyer flasks

Part no.	Designation	€
499624	Clamp for 25 ml Erlenmeyer flask	N/A -
498625	Clamp for 50 ml Erlenmeyer flask	N/A -
498626	Clamp for 100 ml Erlenmeyer flask	N/A -
498615	Clamp for 250 ml Erlenmeyer flask	N/A -
498616	Clamp for 500 ml Erlenmeyer flask	N/A -
498617	Clamp for 1000 ml Erlenmeyer flask	N/A -
499667	Clamp for 2000 ml Erlenmeyer flask	N/A -

Tube racks

Part no.	Designation	€
498542	Rack for 36 microtubes 0.2 - 0.5 ml	N/A -
498543	Rack for 20 microtubes 1.5 - 2.0 ml	N/A -
498546	Rack for 20 test tubes Ø 12 - 16 mm	N/A -
498547	Rack for 20 test tubes Ø 17 - 20 mm	N/A -
498548	Rack for 15 test tubes Ø 30 mm	N/A -
498544	Rack for 14 centrifuge tubes of 15 ml	N/A -
498545	Rack for 5 centrifuge tubes of 50 ml	N/A -

Tip

Find more models on the following page.

Prices are indicative and excluding tax. Visit Dutscher.com

Orbital shakers KS 260 Basic and Control and KS 501 digital IKA

IKA®


250041


250043


250140B

- Delivered without a stand, to be completed with a platform of your choice

KS 260 Control:

- RS232 port for remote control and data logging

Model	KS 260 Basic	KS 260 control	KS 501 digital
Interface	Analog	Digital	
Speed (rpm)	50 - 500	10 - 500	0 - 300
Orbit (mm)	10		30
Maximum load (kg)	7.5		15
Operating mode	Continuous or timer		
Timer	5 to 50 min	1 to 599 min	1 to 55 min
Dimensions (L x W x H) (mm)	360 x 420 x 98		505 x 585 x 120
Weight (kg)	8.5	8.8	26
Conditions to use	+5 to +50 °C / 80% RH		
Part no.	250041	250043	250140B
€	N/A -	N/A -	N/A -

Universal platform clamps

Part no.	Designation	€
250186	Clamp for 25 ml Erlenmeyer flask	N/A -
250187	Clamp for 50 ml Erlenmeyer flask	N/A -
250188	Clamp for 100 ml Erlenmeyer flask	N/A -
250189	Clamp for Erlenmeyer flask 200/250 ml	N/A -
250190	Clamp for 500 ml Erlenmeyer flask	N/A -
250191	Clamp for 1000 ml Erlenmeyer flask	N/A -

Platforms for KS 501 digital

Part no.	Designation	€
250327	Non-slip platform	N/A -
250141	Roller platform	N/A -
250328	Universal platform for clamps	N/A -

Platforms for KS 260 basic and control

Part no.	Designation	€
250074	Non-slip platform 320 x 320 mm	N/A -
250045	Roller platform 320 x 320 mm	N/A -
250208	Universal platform for clamps 330 x 330 mm	N/A -

Orbital shakers Cole-Parmer SH-200D-O Series

Cole-Parmer®
an antylia scientific company





SH-200D-O shaker

- Supplied with a non-slip platform

Shaker SH-200D-O-L

- Supplied with a 4-roller platform

Model	SH-200D-O	SH-200D-O-L
Interface	Digital	
Speed (rpm)	30 - 300	
Orbit (mm)	16	
Dimensions tray (mm)	220 x 200	335 x 335
Maximum load (kg)	3	10
Operating mode	Continuous or timer	
Timer	1 to 999 min	
Dimensions (L x W x H) (mm)	240 x 300 x 140	360 x 420 x 270
Weight (kg)	5	11
Conditions to use	+4 to +40 °C / 80% RH	
Part no.	090790B	001344B
€	N/A -	N/A -

Accessories

Part no.	Designation	€
001345	Platform 510 x 510 mm with 6 rollers for SH-200D-O-L	N/A -
090791	Platform 220 x 220 mm with 4 rollers for SH-200D-O	N/A -
090792	Platform 340 x 300 mm 8 microplates for SH-200D-O	N/A -
090793	Transparent plexiglass cover for SH-200D-O	N/A -

Tip

Find more models on the previous page.

Compact orbital shakers KS 15 A and KS 15 A control by Edmund Bühler

- Delivered without a stand, to be completed with a platform of your choi- -

Control shaker KS 15 A:

- Touch controller operable with gloves
- Date and time display
- Programming functions with delayed start
- Programmable stirring direction for better stirring
- Data recording

Model	KS 15 A	KS 15 A control
Interface	Analog	Digital
Speed (rpm)	30 - 420	
Orbit (mm)	17	
Dimensions tray (mm)	400 x 300	
Maximum load (kg)	15	
Operating mode	Timer or continuous	Timer, program or continuous
Timer	0 - 120 min	0 - 99h 59min 59s
Programming	-	10 programs/10 steps
Dimensions (L x W x H) (mm)	510 x 490 x 150	
Weight (kg)	18	19
Conditions to use	+5 to +50 °C / 85% RH	
Part no.	497035	497071
€	N/A -	N/A -



IP 21

Incubation module



- To be placed on the shaker for conversion to a shaker-incubator

Temperature	Ambient +5 to +50 °C
Temperature accuracy	± 1 %
Int. dimensions (L x W x H) (mm)	490 x 410 x 310
Ext. dimensions (L x W x H) (mm)	510 x 450 x 455
Weight (kg)	21
Part number	497068
€	N/A -

Platforms

Part no.	Designation	€
497072	Combifix platform 400 x 275 mm with 3 rollers	N/A -
497073	Universal platform 430 x 300 mm for clamps	N/A -

Accessories for universal platform

Part no.	Designation	€
497015	Clamp for 100 ml Erlenmeyer flask	N/A -
497016	Clamp for 250 ml Erlenmeyer flask	N/A -
497017	Clamp for 500 ml Erlenmeyer flask	N/A -
497018	Clamp for 1000 ml Erlenmeyer flask	N/A -

Tip
Find the Buehler orbital shakers for loads up to 30 kg on page 1496

Tip
Find more models on the following page.

Prices are indicative and excluding tax. Visit Dutscher.com

Orbital shakers Lauda Varioshake

LAUDA



- Delivered without a stand, to be completed with a platform of your choice

Model	VS 8 O	VS 15 O	VS 30 O
Interface	Digital		
Speed (rpm)	20 - 500	20 - 300	20 - 250
Orbit (mm)	10	30	32
Dimensions tray (mm)	330 x 330	450 x 450	676 x 540
Maximum load (kg)	8	15	30
Operating mode	Continuous or timer		
Timer	1min to 99h59min		
Dimensions (L x W x H) (mm)	350 x 355 x 160	480 x 497 x 160	705 x 607 x 160
Weight (kg)	11	19.5	34
Conditions to use	+10 to +50 °C / 70% RH		
Part no.	910652	910654	910985
€	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
910980	Adhesive Mat 200 x 200 mm	N/A -
910659	Clamp for 25 ml Erlenmeyer Flask	N/A -
910660	Clamp for 50 ml Erlenmeyer Flask	N/A -
910661	Clamp for 100 ml Erlenmeyer Flask	N/A -
910662	Clamp for 200 ml Erlenmeyer Flask	N/A -
910844	Clamp for 250-300 ml Erlenmeyer Flask	N/A -
910663	Clamp for 500 ml Erlenmeyer Flask	N/A -
910664	Clamp for 1000 ml Erlenmeyer Flask	N/A -
910888	Clamp for 2000 ml Erlenmeyer Flask	N/A -
910885	Rack for 24 tubes 12-17mm h.75-160mm	N/A -
910884	Rack for 16 tubes 25-29mm h.75-160mm	N/A -
910910	Microplate adapter	N/A -

Platforms

Part no.	Designation	€
910656	Non-slip platform for VS 8 O	N/A -
910655	Universal platform for clamps for VS 8 O	N/A -
910825	Roller platform for VS 8 O	N/A -
910847	Non-slip platform for VS 15 O	N/A -
910657	Universal platform for clamps for VS 15 O	N/A -
910658	Roller platform for VS 15 O	N/A -
910886	Universal platform for clamps for VS 30 O	N/A -

Orbital Shakers Solaris SK 2000 and SK 4000 Thermo Scientific

thermo scientific



- USB and Ethernet connection for event history extraction and program transfer
- Triple eccentric drive system
- Noise level below 62dB
- Delivered without a stand, to be completed with a platform of choice

Model	SK 2000	SK 4000
Interface	Tactile	
Speed (rpm)	15 - 525	
Orbit (mm)	25.4	
Dimensions tray (mm)	305 x 356	457 x 762
Maximum load (kg)	25	43
Operating mode	Continuous, timer or programme	
Timer	0 to 99h59min	
Programming	Up to 99 programmes	
Dimensions (L x W x H) (mm)	469 x 364 x 141	648 x 573 x 177
Weight (kg)	14.1	17.7
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	229112	229113
€	N/A -	N/A -

Holding clamps

Part no.	Designation	€
078362	Microplate clamp	N/A -
078365	Clamp for 50 ml Erlenmeyer flask	N/A -
078366	Clamp for 125 ml Erlenmeyer flask	N/A -
078367	Clamp for 250 ml Erlenmeyer flask	N/A -
078368	Clamp for 300 ml Erlenmeyer flask	N/A -
078369	Clamp for 500 ml Erlenmeyer flask	N/A -
078370	Clamp for 1000 ml Erlenmeyer flask	N/A -
078371	Clamp for 2000 ml Erlenmeyer flask	N/A -

Racks for test tubes

Part no.	Designation	€
078403	Rack for 6 x 12 tubes 10-13 mm	N/A -
078404	Rack for 6 x 12 tubes 14-16 mm	N/A -
078405	Rack for 4 x 10 tubes 17-20 mm	N/A -
078406	Rack for 4 x 10 tubes 21-25 mm	N/A -
078407	Rack for 3 x 8 tubes 26-30 mm	N/A -
078517	Rack for 8 x 12 microtubes 1.5 ml	N/A -

Platforms for shaker SK 2000

Part no.	Designation	€
229114	Universal platform 305 x 355 mm	N/A -
229117	Universal platform 457 x 457 mm	N/A -
229120	Universal platform 457 x 610 mm	N/A -

Platforms for shaker SK 4000

Part no.	Designation	€
229121	Universal platform 457 x 762 mm	N/A -
229124	Universal platform 610 x 914 mm	N/A -

Adhesive mats

Part no.	Designation	€
047959	Adhesive Mat 23 x 23 cm	N/A -
079612	Adhesive Mat 14 x 14 cm	N/A -

Orbital shakers for heavy loads Ohaus

- Gradual increase in speed to avoid splashing
- Compatible with high CO_2 environments
- Supplied with non-slip platform

2 YEARS WARRANTY

more products Dutscher.com



192109

Model	SHHD1619AL	SHHD1619DG	SHHD2325AL	SHHD2325DG	SHHD4525DG	SHHD4550DG	SHHD6825DG	SHHD6850DG
Interface	Analog	Digital	Analog	Digital				
Speed (rpm)	250 - 500	15 - 500	250 - 500	20 - 500	15 - 500	15 - 300	15 - 500	15 - 300
Orbit (mm)	19	19	25			51	25	51
Dimensions tray (mm)	279 x 330		457 x 610		610 x 610		610 x 910	
Maximum load (kg)	16		22.7		45.5		68	
Operating mode	Continuous or timer							
Timer	1 to 120 min	1s to 160 h	1 to 120 min	1s to 160 h				
Dimensions (L x W x H) (mm)	413 x 355 x 149		610 x 678 x 149		729 x 678 x 170		744 x 914 x 170	
Weight (kg)	21.8		49		90.3		103.9	
Conditions to use	0 to +40 °C	-10 to +60 °C	0 to +40 °C	-10 to +60 °C / 80% RH				
Part no.	192100	192101	192104	192105	192106	192107	192108	192109
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Additional platforms

For model		SHHD1619AL SHHD1619DG				SHHD2325AL SHHD2325DG		SHHD4525DG SHHD4550DG	SHHD6825DG SHHD6850DG
Dimensions tray (mm)		280 x 330	330 x 330	460 x 460	610 x 460	610 x 460	760 x 460	610 x 610	910 x 610
Universal platform for clamps	Part no.	192156	192157	192158*	192159*	192159	192161	192160	192162
	€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Roller platform	Part no.	-	-	192171	-	192172	192173**	192174**	192175**
	€	-	-	N/A -	-	N/A -	N/A -	N/A -	N/A -
Non-slip platform	Part no.	-	-	192169*	192170*	192170	-	-	-
	€	-	-	N/A -	N/A -	N/A -	-	-	-

* Can be stacked with a stackable tray of the same dimensions when used with spacers part no. 192155.
** With elevated rollers, specially adapted for high-height containers.

Accessories

Part no.	Designation	€
192155	Spacers for stacking	N/A -
192218	Rack for 70 microtubes 1.5 or 2.0 ml	N/A -
192219	Rack for 63 tubes Ø 10-13 mm	N/A -
192223	Rack for 35 centrifuge tubes of 15 ml	N/A -
192224	Rack for 12 centrifuge tubes of 50 ml	N/A -
192200	Stainless steel clamp for 500 ml bottle	N/A -
192201	Stainless steel clamp for 1000 ml bottle	N/A -

Part no.	Designation	€
192189	Stainless steel clamp for 50 ml Erlenmeyer flask	N/A -
192190	Stainless steel clamp for 125 ml Erlenmeyer flask	N/A -
192191	Stainless steel clamp for 250 ml Erlenmeyer flask	N/A -
192192	Stainless steel clamp for 500 ml Erlenmeyer flask	N/A -
192193	Stainless steel clamp for 1000 ml Erlenmeyer flask	N/A -
192194	Stainless steel clamp for 2000 ml Erlenmeyer flask	N/A -
192199	Stainless steel clamp for 6000 ml Erlenmeyer flask	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Orbital and/or reciprocal shakers SM 30 and SM 30 control Edmund Bühler



- Supplied with non-slip platform

Combined shakers orbital/reciprocating SM 30 C:
- Stirring type selectable between orbital and reciprocating

Control type stirrers:
- Touch controller operable with gloves
- Date and time display
- Programming functions with delayed start
- Programmable stirring direction for better stirring
- Data recording

IP 21

Depending on model

Model	SM 30 A	SM 30B	SM 30 C	SM 30 A control	SM 30 B control	SM 30 C control
Type of shaker	Orbital	Reciprocating	Combined	Orbital	Reciprocating	Combined
Interface	Analog			Digital		
Speed (rpm)	5 - 300			15 - 300		
Amplitude (mm)	26	30	26	26	30	26
Dimensions tray (mm)	560 x 400					
Maximum load (kg)	30					
Operating mode	Continuous or timer			Continuous, timer or programme		
Timer	0 - 120 min			0 - 99 h 59 min 59 s		
Programming	-			10 programmes / 10 steps		
Dimensions (L x W x H) (mm)	680 x 610 x 160					
Weight (kg)	33					
Conditions to use	+5 to +50 °C / 85% RH					
Part no.	497046	497062	497028	497032	497060	497063
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Platforms

Part no.	Designation	€
497029	Combifix platform with 5 standard rollers	N/A -
497034	Combifix platform with 4 high rollers	N/A -
497054	Combifix platform with 2 rollers for ampoule	N/A -
497033	Universal platform for clamps	N/A -
497055	Universal platform 2 levels h.300 mm	N/A -

Sliding plates for 2-level platform

Part no.	Designation	€
497048*	Sliding plate with 5 standard rollers	N/A -
497057*	Sliding plate with 4 high rollers	N/A -
497058*	Sliding plate with 2 rollers for ampoule	N/A -
497056	Assembly kit for slide platforms	N/A -

* To be completed with assembly kit 497056

Accessories for Combifix

Part no.	Designation	€
497050	Additional support roll	N/A -
497052	Clamp kit for decanting ampoules	N/A -
497053	Cap retention spring for ampoules	N/A -
497022	Rack for 68 tubes Ø 14 mm	N/A -
497023	Rack for 44 tubes Ø 16 mm	N/A -
497024	Rack for 44 tubes Ø 18 mm	N/A -
497025	Rack for 14 tubes Ø 30 mm	N/A -

Incubation module for SM 30 A



- To be placed on the shaker for conversion to a shaker-incubator
- Equipped with internal lighting and a UV decontamination lamp

Temperature	Ambient +5 to +50 °C
Temperature accuracy	± 1 %
Int. dim. (L x W x H) (mm)	660 x 540 x 430
Ext. dim. (L x W x H) (mm)	680 x 610 x 560
Weight (kg)	33
Part number	497049
€	N/A -

Incubation module accessories

Part no.	Designation	€
497059	Non-agitated platform 365 x 558 mm	N/A -

Accessories for universal sliding platforms and plates

Part no.	Designation	€
497012	Clamp for 10 ml Erlenmeyer flask	N/A -
497013	Clamp for 25 ml Erlenmeyer flask	N/A -
497014	Clamp for 50 ml Erlenmeyer flask	N/A -
497015	Clamp for 100 ml Erlenmeyer flask	N/A -
497016	Clamp for 250 ml Erlenmeyer flask	N/A -
497017	Clamp for 500 ml Erlenmeyer flask	N/A -
497018	Clamp for 1000 ml Erlenmeyer flask	N/A -
497019	Clamp for 2000 ml Erlenmeyer flask	N/A -
497020	Clamp for 3000 ml Erlenmeyer flask	N/A -
497021	Clamp for 5000 ml Erlenmeyer flask	N/A -
497026	Mounting support for racks *	N/A -

* Allows the mounting of tube racks (see accessories for Combifix).

Multi-function shaker orbital and vibrating PSU-20i Grant Bio

- 3 modes:
  - + Classical orbital motion
  - + Reciprocal orbital movement: full 0 to 360° rotation on the orbit with reversal of direction
  - + Vibrant motion: 0 to 5° along the orbit, with pulse up to 5 s.
- Supplied without support, to be completed with a platform of choice

Tip
Find all the platforms on Dutscher.com



Interface	Digital
Speed (rpm)	20 - 250
Orbit (mm)	20
Maximum load (kg)	8
Operating mode	Continuous or timer
Timer	1 min. to 96 h
Dimensions (L x W x H) (mm)	410 x 410 x 130
Weight (kg)	13
Conditions to use	+4 to +40 °C
Part number	144580
€	N/A -

Combined shaker orbital & reciprocating KL 2 Edmund Bühler

- Stirring type selectable between orbital and reciprocating
- Supplied with 3-roller platform



Type of shaker	Combined
Interface	Analog
Speed (rpm)	30 - 420
Orbit (mm)	8
Dimensions tray (mm)	300 x 300
Maximum load (kg)	2
Operating mode	Continuous or timer
Timer	0 to 120 min
Dimensions (L x W x H)(mm)	355 x 455 x 195
Weight (kg)	13.5
Conditions to use	+5 to +50 °C / 85% RH
Part number	497030
€	N/A -

Tip
Find accessories (additional rollers, tube holders, etc.) at Dutscher.com

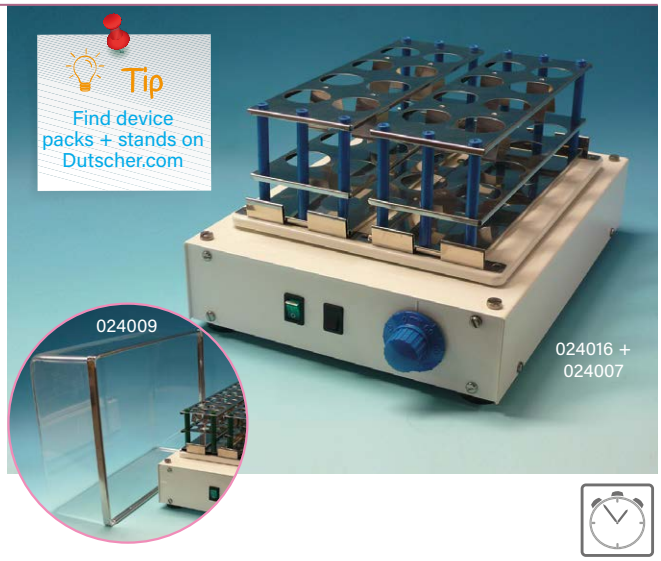
Kahn Reciprocal Shaker

- Supplied without support, to be completed with a rack of choice

Model	AVK60
Interface	Analog
Speed (rpm)	280 fixed *
Amplitude (mm)	25
Maximum load (kg)	1.2
Operating mode	Continuous or timer
Timer	60 min
Dimensions (L x W x H) (mm)	360 x 420 x 270
Weight (kg)	11
Part no.	024017
€	N/A -

* Speed for a load of 1.2 kg, the speed will be higher for a lesser load.

Tip
Find device packs + stands on Dutscher.com



Racks for vertically positioned tubes

Part no.	Designation	€
024004	Rack for 30 tubes Ø 13.5 mm	N/A -
024005	Rack for 60 tubes Ø 13.5 mm	N/A -
024006	Rack for 24 tubes Ø 16.5 mm	N/A -
024007	Rack for 8 tubes Ø 33 mm	N/A -
024008	Rack for 8 tubes Ø 35.5 mm	N/A -

Lids

Part no.	Designation	€
024018	Methacrylate lid	N/A -

Racks for tubes in horizontal position

Part no.	Designation	€
024009	Rack for 30 tubes Ø 13.5 mm	N/A -
024010	Rack for 60 tubes Ø 13.5 mm	N/A -
024011	Rack for 24 tubes Ø 16.5 mm	N/A -
024012	Rack for 8 tubes Ø 33 mm	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Reciprocating shakers HS 260 Basic and Control and HS 501 digital IKA



- Delivered without a stand, to be completed with a platform of your choice

HS 260 Control:

- RS232 port for remote control and data logging

Model	HS 260 Basic	HS 260 control	HS 501 digital
Interface	Analog	Digital	
Speed (rpm)	20 - 300	10 - 300	0 - 300
Orbit (mm)	20		30
Maximum load (kg)	7.5		15
Operating mode	Continuous or timer		
Timer	5 to 50 min	1 to 599 min	1 to 55 min
Dimensions (L x W x H) (mm)	360 x 420 x 100		505 x 585 x 120
Weight (kg)	8.5	8.8	26
Conditions to use	+5 to +50 °C / 80% RH		
Part no.	250042	250044	250326B
€	N/A -	N/A -	N/A -

Universal platform clamps

Part no.	Designation	€
250186	Clamp for 25 ml Erlenmeyer flask	N/A -
250187	Clamp for 50 ml Erlenmeyer flask	N/A -
250188	Clamp for 100 ml Erlenmeyer flask	N/A -
250189	Clamp for Erlenmeyer flask 200/250 ml	N/A -
250190	Clamp for 500 ml Erlenmeyer flask	N/A -
250191	Clamp for 1000 ml Erlenmeyer flask	N/A -

Platforms for HS 260 basic and control

Part no.	Designation	€
250074	Non-slip platform 320 x 320 mm	N/A -
250045	Roller platform 320 x 320 mm	N/A -
250208	Universal platform for clamps 330 x 330 mm	N/A -

Platforms for HS 501 digital

Part no.	Designation	€
250327	Non-slip platform	N/A -
250141	Roller platform	N/A -
250328	Universal platform for clamps	N/A -

Compact reciprocating shakers KS 15 B and KS 15 B control Edmund Bühler



- Delivered without a stand, to be completed with a platform of your choice

Shaker KS 15 B control:

- Touch controller operable with gloves
- Date and time display
- Programming functions with delayed start
- Programmable stirring direction for better stirring
- Data recording

Model	KS 15B	KS 15 B control
Interface	Analog	Digital
Speed (rpm)	30 - 420	
Orbit (mm)	17	
Dimensions tray (mm)	400 x 300	
Maximum load (kg)	15	
Operating mode	Timer or continuous	Timer, program or continuous
Timer	0 - 120 min	0 - 99h 59min 59s
Programming	-	10 programs/10 steps
Dimensions (L x W x H) (mm)	510 x 490 x 150	
Weight (kg)	18	19
Conditions to use	+5 to +50 °C / 85% RH	
Part no.	497067	497080
€	N/A -	N/A -

Incubation module

- To be placed on the shaker for conversion to a shaker-incubator

Temperature	Ambient +5 to +50 °C
Temperature accuracy	± 1 %
Int. dim. (L x W x H) (mm)	490 x 410 x 310
Ext. dim. (L x W x H) (mm)	510 x 450 x 455
Weight (kg)	21
Part number	497068
€	N/A -



Platforms

Part no.	Designation	€
497072	Combifix platform 400 x 275 mm with 3 rollers	N/A -
497073	Universal platform 430 x 300 mm for clamps	N/A -

Accessories for universal platform

Part no.	Designation	€
497015	Clamp for 100 ml Erlenmeyer flask	N/A -
497016	Clamp for 250 ml Erlenmeyer flask	N/A -
497017	Clamp for 500 ml Erlenmeyer flask	N/A -
497018	Clamp for 1000 ml Erlenmeyer flask	N/A -

Reciprocating shaker Heidolph Promax 1020 and 2020

heidolph research made easy

- Supplied complete with non-slip tray

Model	Promax 1020
Interface	Digital
Speed (rpm)	30 - 250
Amplitude (mm)	32
Dimensions tray (mm)	290 x 258
Maximum load (kg)	5
Operating mode	Continuous or timer
Timer	Max 999 min
Dimensions L x W x H (mm)	320 x 375 x 125
Weight (kg)	8
Conditions to use	+5 to +40 °C / 80% RH
Protection class	IP40
Part no.	498713
€	N/A -



Reciprocating shaker Cole-Parmer SH-200D-R-L

Cole-Parmer an antylia scientific company

- Supplied with 4-roller platform
- Adapted to CO_2-enriched environments

Interface	Digital
Speed (rpm)	5 - 250
Amplitude (mm)	20
Dimensions tray (mm)	335 x 335
Maximum load (kg)	10
Operating mode	Continuous or timer
Timer	1 to 999 min
Dimensions (L x W x H)(mm)	360 x 420 x 270
Weight (kg)	11
Conditions to use	+4 to +40 °C / 80% RH
Part no.	001346B
€	N/A -



Pro 30 Reciprocal Shaker

- Delivered without a stand, to be completed with a platform of your choice

Interface	Analog
Speed (rpm)	6 - 150
Amplitude (mm)	10
Dimensions tray (mm)	300 x 330
Maximum load (kg)	5
Operating mode	Continuous or timer
Timer	20 to 120 min
Dimensions (L x W x H)(mm)	255 x 320 x 160
Operating conditions	+4 to +70 °C
Part no.	096537
€	N/A -



Clamps

Part no.	Designation	€
096543	Clamp for 125 ml Erlenmeyer flask	N/A -
096544	Clamp for 250 ml Erlenmeyer flask	N/A -
096545	Clamp for 500 ml Erlenmeyer flask	N/A -
096546	Clamp for 1000 ml Erlenmeyer flask	N/A -

Platforms

Part no.	Flasks clamps	€
096539	Non-slip platform	N/A -
096540	Dual platform non-slip	N/A -
096541	Platform with springs	N/A -
096542	Universal platform for clamps	N/A -

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NEW ON PAGE 1457

Heating magnetic stirrers AREC Velp

NEW

Depending on model



- Heat indicator on the plate to warn the user and avoid burns
- SpeedServo technology for improved speed consistency during viscosity changes

Model	AREC 4	AREC 4 Digital	AREC 7	AREC 7 Digital	AREC 10 Digital
Interface	Analog	Digital	Analog	Digital	
Stirring capacity (l)	5	15		25	
Speed (rpm)	100 - 1500				
Heating temperature (°C)	Ambient to 550°C				
Tray dimensions (mm)	100 x 100		180 x 180		260 x 260
Plate materials	Ceramic				
Pt1000 probe port	No	Yes	No	Yes	
Dimensions L x W x H (mm)	160 x 270 x 100		200 x 340 x 100		280 x 420 x 100
Weight (kg)	1.9		3.5		5.6
Conditions to use	+5 to +40 °C / 80% RH				
Part no.	399188	399186	399180	399185	399187
€	N/A -	N/A -	N/A -	N/A -	N/A -

Complete kits

	AREC 4 Digital		AREC 7 Digital		AREC 10 Digital	
Composition	Part no.	€	Part no.	€	Part no.	€
Device + Pt100 probe	399189	N/A -	399192	N/A -	399195	N/A -
Device + Pt100 probe + stand	399190	N/A -	399193	N/A -	399196	N/A -
Device + VTF thermoregulator + stand	399191	N/A -	399194	N/A -	399197	N/A -

3D Shakers Heidolph Polymax 1040



498704

- Supplied with non-slip platform

Model	Polymax 1040	
Interface	Analog	
Speed (rpm)	2 - 50	
Stirring angle	5 °	10 °
Dimensions tray (mm)	290 x 258	
Maximum load (kg)	5	
Operating mode	Continuous or timer	
Timer	1 - 120 min	
Dimensions (L x W x H) (mm)	320 x 375 x 195	
Weight (kg)	8	
Conditions to use	+5 to +40 °C / 80% RH	
Protection class	IP40	
Part no.	498704	498635
€	N/A -	N/A -

Platforms

Designation	Part no.	€
Universal platform for clamps	498623	N/A -
Support frame for rolls	498627	N/A -
Fixation rolls	498628	N/A -

Incubation chambers for Polymax 1040

- Allow the platform to heat up to +65°C

Part no.	Designation	€
498622	Heating module for incubation chamber	N/A -
498620	Low incubation chamber (h. 163 mm)	N/A -
498619	High incubation chamber (h. 267 mm)	N/A -
498621	XL incubation chamber (h. 428 mm)	N/A -

Retention clamps for Erlenmeyer flasks

Part no.	Designation	€
498624	Clamp for 25 ml Erlenmeyer flask	N/A -
498625	Clamp for 50 ml Erlenmeyer flask	N/A -
498626	Clamp for 100 ml Erlenmeyer flask	N/A -
498615	Clamp for 250 ml Erlenmeyer flask	N/A -
498616	Clamp for 500 ml Erlenmeyer flask	N/A -
498617	Clamp for 1000 ml Erlenmeyer flask	N/A -
499667	Clamp for 2000 ml Erlenmeyer flask	N/A -

3D shaker Grant Bio PS-3D



- Supplied with non-slip platform

Interface	Analog
Speed (rpm)	5 - 60
Stirring angle	7 °
Dimensions tray (mm)	215 x 215
Maximum load (kg)	1
Operating mode	Continuous
Dimensions (L x W x H)(mm)	140 x 235 x 235
Weight (kg)	1.2
Conditions to use	+4 to +40 °C
Part no.	144204
€	N/A -

PS-M3D Grant Bio multi-function 3D shaker



- 3 types of shaking:
  - + Standard 3D motion
  - + 3D "reciprocal" movement with direction inversion
  - + Vibrant motion: 1 to 6° following the orbit, with pulse up to 5s
- Supplied with non-slip platform

Interface	Digital
Speed (rpm)	1 - 100
Stirring angle	7 °
Maximum load (kg)	1
Operating mode	Continuous or timer
Timer	0 to 250s
Dimensions (L x W x H) (mm)	235 x 235 x 140
Weight (kg)	1.8
Conditions to use	+4 to +40 °C
Part no.	144205
€	N/A -

Accessory

Part no.	Designation	€
144203	Pin mat	N/A -

Ohaus 3D shakers

- Gradual increase in speed to prevent splashing
- Load sensor for detecting imbalances in the platform
- Supplied complete with a non-slip rubber platform

Model	SHWV02AL	SHWV02DG
Interface	Analog	Digital
Speed (rpm)	1 - 75	1 - 30
Stirring angle	0 - 16	0 - 20
Dimensions tray (mm)	256 x 279	299 x 222
Maximum load (kg)	2.3	
Operating mode	Continuous or timer	
Timer	1 to 120 min	1 s to 160 h
Dimensions (L x W x H) (mm)	425 x 279 x 165	423 x 254 x 165
Weight (kg)	7	7.3
Conditions to use	-10 to +60 °C / 80% RH	
Part no.	192121	192118
€	N/A -	N/A -



192118

Cole-Parmer SH-200D-G series 3D adjustable angle shakers

- Manually adjustable stirring angle
- Supplied with a non-slip platform

Model	SH-200D-G	SH-200D-G-L
Interface	Digital	
Speed (rpm)	5 - 70	
Stirring angle	3 to 12 °	
Dimensions tray (mm)	235 x 235	355 x 355
Maximum load (kg)	3	10
Operating mode	Continuous or timer	
Timer	1 to 9999 min	
Dimensions (L x W x H)(mm)	240 x 300 x 165	360 x 420 x 170
Weight (kg)	5	10
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	090786B	090775B
€	N/A -	N/A -



090786B + 090787

Kits for additional levels

Part no.	Designation	€
090787	Kit of 2 overlapping platforms for SH-200D-G h.125 mm	N/A -
090776	Kit of 2 overlapping platforms for SH-200D-G-L h.125 mm	N/A -

Benchwaver 3D shaker with adjustable angle

- Adjustable shaking angle via the interface
- Supplied with non-slip platform

Interface	Digital
Speed (rpm)	5 - 105
Stirring angle	0 to 10 °
Dimensions tray (mm)	343 x 330
Maximum load (kg)	9
Operating mode	Continuous or timer
Timer	1min to 99h
Dimensions (L x W x H)(mm)	330 x 343 x 247.5
Weight (kg)	5.5
Conditions to use	+2 to +60 °C
Part no.	062648
€	N/A -



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Accessories

Part no.	Designation	€
062691	Stackable additional platform	N/A -
062692	Dimpled mat for tubes	N/A -



With additional stackable tray



Dimpled mat for tubes

Prices are indicative and excluding tax. Visit Dutscher.com

Problot Rocker 25 shakers



Supplied with one or two stackable, non-slip platforms

Model	ProBlot 25 & 25D	ProBlot 25XL & 25XLD
Interface	Analog	
Speed (rpm)	5 - 120	
Stirring angle	7 °	
Dimensions tray (mm)	260 x 200	300 x 300
Maximum load (kg)	5	
Operating mode	Continuous or timer	
Timer	0 to 2h	
Dimensions (L x W x H) (mm)	290 x 320 x 145	325 x 360 x 145
Weight (kg)	5.3	
Conditions to use	+4 to +65 °C	
Part no. 1 platform	096567	096571
€	N/A -	N/A -
Part no. 2 platforms	096568B	096572
€	N/A -	N/A -

Accessory

Part no.	Designation	€
096565	Retention elastics	N/A -

LSE Corning rocker shaker

CORNING



Supplied with one or two non-slip stacking platforms

Model	1 platform	2 platforms
Interface	Digital	
Speed (rpm)	2 - 60	
Stirring angle	7 °	
Dimensions tray (mm)	300 x 300	
Maximum load (kg)	5	
Operating mode	Continuous or timer	
Timer	10 to 120 min	
Dimensions (L x W x H)(mm)	325 x 360 x 145	
Weight (kg)	5.3	5.8
Conditions to use	+4 to +70 °C	
Part no.	006704	006706
€	N/A -	N/A -

Grant Bio PMR-30 rocker shaker

grant



Supplied with non-slip platform

Interface	Digital
Speed (rpm)	5 - 30
Stirring angle	7 °
Dimensions tray (mm)	215 x 215
Maximum load (kg)	1
Operating mode	Continuous or timer
Timer	1min to 24h
Dimensions (L x W x H)(mm)	238 x 238 x 110
Weight (kg)	2.1
Conditions to use	+4 to +45 °C
Part no.	144201
€	N/A -

Accessory

Part no.	Designation	€
144203	Pin mat	N/A -

Movil-Tub rocker shaker



Supplied with a grooved platform for 12 tubes up to 20 x 160 mm

Interface	Analog
Speed (rpm)	15 fixed
Stirring angle	25 °
Operating mode	Continuous
Dimensions (L x W x H)(mm)	340 x 200 x 120
Weight (kg)	2.5
Part no.	068564
€	N/A -

Rocker shakers 35 EZ

- Manually adjustable shaking angle
- Supplied with one or two stackable, non-slip platforms

Model	1 platform	2 platforms
Interface	Analog	
Speed (rpm)	10 - 120	
Stirring angle	Up to 20°	
Dimensions tray (mm)	350 x 350	
Maximum load (kg)	5	
Operating mode	Continuous or timer	
Timer	10 to 120 min	
Dimensions (L x W x H)(mm)	360 x 360 x 170	360 x 360 x 170
Weight (kg)	6.57	7.8
Conditions to use	-10 to +70 °C / 85% RH	
Part no.	096785	096786
€	N/A -	N/A -



IKA Rocker 2D Basic and Digital rocker shakers

IKA

Model	Rocker 2D Basic	Rocker 2D Digital
Interface	Digital	
Speed (rpm)	5 - 80	0 - 80
Stirring angle	8 °	0 to 15 °
Dimensions tray (mm)	245 x 245	
Maximum load (kg)	2	
Operating mode	Continuous	Continuous or timer
Timer	-	1s to 99h59min
Dimensions (L x W x H) (mm)	280 x 330 x 150	
Weight (kg)	2.2	
Conditions to use	+4 to +50 °C / 80% RH	
Part no.	250277	250278
€	N/A -	N/A -



250277

IP 21

2 YEARS WARRANTY

Depending on model



250278

Accessories

Part no.	Designation	€
250282	Pin mat	N/A -
250283	Mat for 28 tubes, 5 ml, Ø 12 mm	N/A -
250284	Mat for 16 tubes, 15 ml, Ø 16 mm	N/A -
250285	Mat for 14 tubes, 30 ml, Ø 25 mm	N/A -
250286	Mat for 10 tubes, 50 ml, Ø 28 mm	N/A -
250287	Overlay platform without mat	N/A -
250281	Anti-slip mats	N/A -

New products page

Ohaus rocker shakers

OHAUS

- Gradual increase in speed to prevent splashing
- Load sensor for detecting imbalances in the platform
- Supplied complete with a non-slip rubber platform

NEW

Model	SHRK07AL1	SHRK07AL2	SHRK04DG
Interface	Analog		Digital
Speed (rpm)	1 - 75		1 - 50
Stirring angle	0 - 15		
Dimensions tray (mm)	356 x 279		324 x 254
Number of floors	1	2	1
Max. load (kg)	7.3		4.5
Operating mode	Continuous or timer		
Timer	1 s to 120 min		1 s to 160 h
Dimensions (l x w x h) (mm)	425 x 279 x 140	425 x 279 x 241	425 x 279 x 140
Weight (kg)	7		
Conditions to use	-10 to +60 °C / 80% RH		
Part no.	192119	192120	192124
€	N/A -	N/A -	N/A -



192119

2 YEARS WARRANTY

CO_2

Prices are indicative and excluding tax. Visit Dutscher.com

Cole-Parmer RS-200 series oscillating roller shakers

Cole-Parmer
an antylia scientific company



RS-200D-L

- Combination of a roller movement and a pendulum movement
- Stainless steel liquid collection tray under the rollers

Model	RS-200	RS-200L	RS-200-D	RS-200D-L
Interface	Analog		Digital	
Speed (rpm)	33 fixed		5 - 60	
Oscillation amplitude	16			
Number of rollers	6	9	6	9
Roll dimensions (mm)	Ø 30 x l. 340			
Maximum load (kg)	3			
Operating mode	Continuous		Continuous or timer	
Timer	1s to 9999 min			
Dimensions (L x W x H) (mm)	565 x 240 x 110	565 x 360 x 110	565 x 240 x 110	565 x 360 x 110
Weight (kg)	5.1	6.9	5.1	6.9
Conditions to use	+4 to +60 °C / 80% RH			
Part no.	001337B	001339B	001338B	001340B
€	N/A -	N/A -	N/A -	N/A -

Depending on model

Accessory

Part no.	Designation	€
001341	Stacking kit (maximum 3 devices)	N/A -

IKA Oscillating roller shakers

IKA



250288



250291

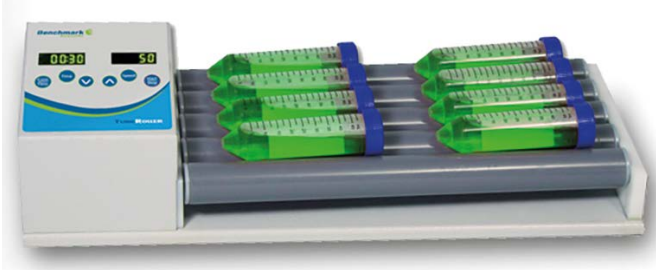
2 YEARS WARRANTY · IP 21

Depending on model

- Combination of a roller movement and a pendulum movement

Model	Roller 6 basic	Roller 10 basic	Roller 6 digital	Roller 10 digital
Interface	Analog		Digital	
Speed (rpm)	30 fixed		0 - 80	
Oscillation amplitude	24.5			
Number of rollers	6	10	6	10
Roll dimensions (mm)	Ø 32 x l. 327			
Maximum load (kg)	2			
Operating mode	Continuous		Continuous or timer	
Timer	-		1s to 99h59min	
Dimensions (l x w x h) (mm)	240 x 545 x 115	380 x 545 x 115	240 x 545 x 115	380 x 545 x 115
Weight (kg)	4	6	4	6
Conditions to use	+4 to +50 °C / 80% RH			
Part no.	250288	250290	250289	250291
€	N/A -	N/A -	N/A -	N/A -

TubeRoller oscillating roller shakers



2 YEARS WARRANTY

- Combination of a roller movement and a pendulum movement

Model	TubeRoller 5	TubeRoller 10
Interface	Analog	
Speed (rpm)	2 - 80	
Oscillation amplitude	± 5°	
Number of rollers	5	10
Roll dimensions (mm)	Ø 35 x l. 240	
Operating mode	Continuous or timer	
Timer	1min to 100h	
Dimensions (L x W x H)(mm)	450 x 180 x 90	450 x 360 x 90
Weight (kg)	5	8
Conditions to use	+4 to +40 °C	
Part no.	062535	062536
€	N/A -	N/A -

Rotator shakers with platform Rotator Genie by Scientific Industries

- Supplied complete with standard platform featuring elastic or magnetic attachments depending on the model

Model	Standard	Magnetic
Interface	Analog	
Speed (rpm)	5 - 35	
Stirring angle	90 or 45°	
Dimensions tray (mm)	260 x 260	290 x 315
Mode of operation	Continuous	
Dimensions (L x W x H)(mm)	400 x 400 x 175	
Weight (kg)	5.2	
Conditions to use	0 to +38 °C / 95% RH	
Part no.	079110	079111
€	N/A -	N/A -



Replacement platforms

Part no.	Designation	€
079112	Standard platform with retention elastics	N/A -
079113	Magnetic platform to be completed with supports	N/A -

Magnetic supports for magnetic platform only

Part no.	Designation	Unit of pack.	€
079077	Support 12 clamps for tubes Ø 10 - 13 mm	1	N/A -
079078	Support 6 clamps for tubes Ø 15 - 17 mm	1	N/A -
079079	Support 3 clamps for tubes Ø 28 - 30 mm	1	N/A -
079002	Support 12 clamps for tubes Ø 10 - 13 mm	6	N/A -
079003	Support 6 clamps for tubes Ø 15 - 17 mm	6	N/A -
079004	Support 3 clamps for tubes Ø 28 - 30 mm	6	N/A -
079005	Stainless steel strips	16	N/A -
079027	Clip for hybridization tube	2	N/A -
079028	Universal clip	2	N/A -
079029	Magnetic box for 100 microtubes	1	N/A -
079050	Clip for 100 ml flask	1	N/A -



Combined rocker and rotary shaker Roto-Rock Genie Scientific Industries

Combined rocker and rotary shaker programming.

- Unique magnetic platform with clip system for non-slip tray

Interface	Tactile
Speed (rpm)	Rocker: 1 - 70 / Rotary: 1 - 35
Stirring angle	1 to 25 °
Standard capacity	48 microtubes 1.5 ml or 24 centrifuge tubes 15 ml or 12 centrifuge tubes 50 ml
Maximum load (kg)	4.5
Operating mode	Continuous, timer or programming
Timer	1 s to 99 h 59 min 59 s
Programming	-
Dimensions W x D x H (mm)	400 x 300 x 380
Weight (kg)	9.7
Conditions to use	0 to +38 °C / 95% RH
Protection index	IP 52
Part number	079227
€	N/A -

NEW



Accessories

Part no.	Designation	Units/ box	€/ box
079228	Stackable platform	1	N/A -
079077	Support 12 clamps for tubes Ø 10 - 13 mm	1	N/A -
079078	Support 6 clamps for tubes Ø 15 - 17 mm	1	N/A -
079079	Support 3 clamps for tubes Ø 28 - 30 mm	1	N/A -
079002	Support 12 clamps for tubes Ø 10 - 13 mm	6	N/A -
079003	Support 6 clamps for tubes Ø 15 - 17 mm	6	N/A -
079004	Support 3 clamps for tubes Ø 28 - 30 mm	6	N/A -
079005	Stainless steel strips	16	N/A -
079027	Clip for hybridization tube	2	N/A -
079028	Universal clip	2	N/A -
079029	Magnetic box for 100 microtubes	1	N/A -
079050	Clip for 100 ml flask	1	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Cole-Parmer TR-200 series rotary carousel shakers

Cole-Parmer
an antylia scientific company



- Supplied without holder, to be completed with a drum or carousel of choice

Model	TR-200	TR-200D
Interface	Analog	Digital
Speed (rpm)	20 fixed	2 - 40
Stirring angle	Adjustable 0 - 90°	
Standard capacity	Delivered without stand	
Operating mode	Continuous	Continuous or timer
Timer	-	1 to 999 min
Dimensions (L x W x H)(mm)	200 x 270 x 230	
Weight (kg)	3.2	
Conditions to use	+4 to +60 °C / 80% RH	
Part no.	090434B	090433B
€	N/A -	N/A -

Accessories

Part no.	Designation	€
090435	Carousel 40 microtubes 1.5/2.0 ml Ø 12 mm vertical position	N/A -
090436	Carousel 20 tubes Ø 9 to 20 mm vertical position	N/A -
090437	Carousel 12 tubes 50 ml vertical position	N/A -
001285	Overlay adapter for 2 carousels	N/A -
090438	Drum with 63 tubes, Ø 12 mm, horizontal position	N/A -
090439	Drum with 63 tubes Ø 16 mm or 15 ml tubes in horizontal position	N/A -
090440	Drum with 30 tubes, Ø 26 mm, horizontal position	N/A -

Loopster IKA rotary carousel shakers

IKA®

Depending on model

2 YEARS WARRANTY

IP 21



- Delivered without support, to be completed with a carousel of your choice

Model	Loopster Basic	Loopster Digital
Interface	Analog	Digital
Speed (rpm)	20 fixed	0 - 80
Stirring angle	Adjustable 0 - 90°	
Standard capacity	Delivered without stand	
Maximum load (kg)	2	
Operating mode	Continuous	Continuous or timer
Timer	-	1s to 99h59min
Dimensions (L x W x H) (mm)	300 x 300 x 360	
Weight (kg)	3	
Conditions to use	+4 to +50 °C / 80% RH	
Part no.	250292	250293
€	N/A -	N/A -

Individual clips

Part no.	Designation	€
250301	Individual clip for 1.5/2.0 ml microtubes Ø 10 mm	N/A -
250302	Individual clip for 5 ml tubes Ø 12 mm	N/A -
250303	Individual clip for 15 ml centrifuge tubes Ø 16 mm	N/A -
250304	Individual clip for 30 ml centrifuge tubes Ø 25 mm	N/A -
250305	Individual clip for 50 ml centrifuge tubes Ø 28 mm	N/A -

Carousels

Part no.	Designation	€
250294	Carousel for 48 microtubes 1.5/2.0 ml Ø 10 mm	N/A -
250295	Carousel for 24 tubes 5 ml Ø 12 mm	N/A -
250296	Carousel for 20 centrifuge tubes 15 ml Ø 16 mm	N/A -
250297	Carousel for 12 centrifuge tubes 30 ml Ø 25 mm	N/A -
250298	Carousel for 12 centrifuge tubes 50 ml Ø 28 mm	N/A -
250299	Universal carousel for individual clips	N/A -

ClearLine® carousel rotary shaker

- Reversible rotation mode with selectable rotation angle
- Supplied complete with 3 carousels

Interface	Digital
Speed (rpm)	1 - 40
Stirring angle	Adjustable 0 - 90°
Standard capacity	3 carousels included: - 48 microtubes 1.5/2.0ml - 20 centrifuge tubes 15 ml - 20 centrifuge tubes 50 ml
Operating mode	Continuous or timer
Timer	1s to 99h
Dimensions (L x W x H) (mm)	210 x 270 x 320
Weight (kg)	3.2
Conditions to use	+4 to +65 °C
Part no.	062646CL
€	N/A -

Depending on model



Rotary shaker with carousels RX-RD-Pro

- Up to 3 carousels can be combined with the optional overlay rod (1 rod per additional carousel)
- Supplied individually, to be complemented with a metal clamp carousel

IP 21

Interface	Digital
Speed (rpm)	10 - 70
Stirring angle	0 - 90
Standard capacity	8 centrifuge tubes 50 ml
Operating mode	Continuous or timer
Timer	1 - 1199 min
Dimensions (L x W x H) (mm)	280 x 210 x 300
Operating conditions	+5 to +40 °C / 80% RH
Part no.	861193
€	N/A -



Accessories

Part no.	Designation	€
861194	Carousel for 60 centrifuge tubes 1.5 ml	N/A -
861195	Carousel for 16 centrifuge tubes 15 ml	N/A -
861196	Carousel for 8 centrifuge tubes 50 ml	N/A -
861191	Overlay support for carousels	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

ClearLine® rotary arm shakers

The most flexible of our rotary shakers



- Advanced programming with a wide choice of rotation modes
- Supplied with adapters for 1.5/2.0 ml, 15 ml and 50 ml tubes
- Optional platform for conversion to rocker shaker

Model	Standard	Mini
Interface	Digital	
Speed (rpm)	1 - 80	
Adapters included	5 x 6 tubes 1.5/2.0 ml 8 x 1 tube 15 ml 2 x 1 tube 50 ml	2 x 6 tubes 1.5/2.0 ml 2 x 1 tube 15 ml 2 x 1 tube 50 ml
Operating mode	Continuous, timer or programs	
Timer	1s to 99h59min	
Programming	11 presets, 2 free programmes	
Dimensions (L x W x H) (mm)	410 x 137 xx 199	290 x 137 x 199
Weight (kg)	2.27	1.8
Conditions to use	+2 to +70 °C	
Part no.	062649CL	062650CL
€	N/A -	N/A -

Rocker platforms

Part no.	Designation	€
062656	Platform 152 x 254 mm for standard model	N/A -
062657	Platform 152 x 127 mm for mini model	N/A -

Adapters

Part no.	For Ø tube (mm)	Tubes/ Adapters	Max adapt./device Standard	Max adapt./device Mini	Shaking type	Units/ box	€/ box
062651	10 - 13	6	16	10	Vertical or horizontal	2	N/A -
062652	16 - 17	1	22	10	Vertical	2	N/A -
062653	28 - 30	1	12	6	Vertical	2	N/A -
062654	16 - 17	6	2	1	Horizontal	1	N/A -
062655	28 - 30	6	2	1	Horizontal	1	N/A -

Multifunctional rotary shakers PTR-35 and PTR-60 Grant Bio



- Choice of shaking mode: complete, reciprocal, vibration, or pause

Model	PTR-35	PTR-60
Interface	Digital	
Speed (rpm)	10 - 100	
Standard capacity	26 microtubes 1.5/2.0 ml	48 microtubes 1.5/2.0 ml
Maximum load (kg)	0.5	0.8
Operating mode	Continuous or timer	
Timer	1min to 24h	
Dimensions (L x W x H)(mm)	365 x 195 x 155	420 x 230 x 230
Weight (kg)	1.8	3.8
Conditions to use	+4 to +40 °C / 80% RH	
Part no.	144208B	144209
€	N/A -	N/A -

Agitation branch for PTR-35

Part no.	Designation	€
144606	26 tubes Ø 15 mm	N/A -
144607	5 tubes of 50 ml and 12 tubes of Ø 15 mm	N/A -
144608	10 x 50 ml tubes	N/A -
144609	10 tubes of 50 ml with clips	N/A -
144610	26 tubes Ø 15 mm with clips	N/A -
144847	1 plate 96 wells	N/A -

Shaking branch for PTR-60

Part no.	Designation	€
144225	8 tubes Ø 30 mm and 22 tubes Ø 15 mm	N/A -
144226	14 tubes Ø 30 mm	N/A -

Intelli-Mixer RM-2 branch rotary shakers



- Wide selection of different rotation modes
- Supplied without a holder, to be completed with an shaking shaft of choice

Model	RM-2S	RM-2M	RM-2L
Interface	Digital		
Speed (rpm)	1 - 99		
Standard capacity	Delivered without stand		
Operating mode	Continuous		
Dimensions (l x w x h) (mm)	316 x 125 x 168	344 x 125 x 168	420 x 125 x 168
Weight (kg)	1.5	1.6	1.9
Conditions to use	+10 to +50 °C / 80% RH		
Part no.	065510	065509	065500
€	N/A -	N/A -	N/A -

Combined shaker branches

Part no.	Tube capacity	For	€
065517-S	8 x Ø 8-11 mm, 4 x Ø 13 mm, 4 x Ø 16 mm, 2 x Ø 30 mm	RM-2S	N/A -
065517-M	8 x Ø 8-11 mm, 8 x Ø 13 mm, 4 x Ø 16 mm, 2 x Ø 30 mm	RM-2M	N/A -
065506	16 x Ø 8-11 mm, 12 x Ø 13 mm, 4 x Ø 16 mm, 2 x Ø 30 mm	RM-2L	N/A -

Rocker platforms

Part no.	Designation	For	€
065519-S	Platform 175.5 x 170 mm	RM-2S	N/A -
065519-M	Platform 203.5 x 170 mm	RM-2M	N/A -
065508	Platform 279.5 x 170 mm	RM-2L	N/A -

Dedicated shaking arms

For	RM-2 S			RM-2 M			RM-2 L		
Tube ø (mm)	Tubes No.	Part no.	€	Tubes No.	Part no.	€	Tubes No.	Part no.	€
8 - 11	28	065515S	N/A -	32	065515M	N/A -	44	065504	N/A -
13	24	065514S	N/A -	28	065514M	N/A -	40	065503	N/A -
16	14	065513S	N/A -	16	065513M	N/A -	20	065502B	N/A -
30	8	065512S	N/A -	10	065512M	N/A -	14	065501	N/A -
30 (horiz.)	6	065518-S	N/A -	6	065518-M	N/A -	12	065507	N/A -

Thermo Scientific Tube Revolver rotary shaker

thermo scientific

Standard stirring or "oscillation" mode: vibration every 40°

Interface	Digital
Speed (rpm)	10 - 40
Stirring angle	Adjustable 0 - 90°
Adapters included	2 x 7 tubes 10/15 ml 2 x 7 tubes 5/7 ml 2 x 15 tubes 1.5/2.0 ml 1 x 6 tubes 50 ml
Operating mode	Continuous
Dimensions (l x w x h) (mm)	225 x 154 x 195
Weight (kg)	1.2
Conditions to use	+4 to +60 °C
Part no.	079547
€	N/A -

Adapters

Part no.	For tubes (ml)	Tubes/ adapter	Units/box	€/ box
079548	10 / 15	7	2	N/A -
079549	5 / 7	7	2	N/A -
079550	1,5 / 2	15	2	N/A -
079551	0,5 / 0,8	21	2	N/A -
079552	50	6	1	N/A -



Fixed or variable speed rotary agitators

Variable speed model

Standard stirring or "oscillation" mode: vibration every 40°

Model	Fixed speed	Variable speed
Interface	Analog	Digital
Speed (rpm)	22 fixed	10 - 40
Stirring angle	Adjustable 0 - 90°	
Adapters included	2 x 7 tubes 10/15 ml 2 x 7 tubes 5/7 ml 2 x 15 tubes 1,5/2,0 ml 1 x 6 tubes 50 ml	
Operating mode	Continuous	
Dimensions (L x W x H)(mm)	225 x 148 x 195	
Weight (kg)	0.8	1.2
Conditions to use	+4 to +60 °C / 80% RH	
Part no.	141270B	141381B
€	N/A -	N/A -

Adapters

Part no.	For tubes (ml)	Tubes/ adapter	Units/box	€/ box
141266B	0,5 / 1	21	2	N/A -
141267B	1,5 / 2	15	2	N/A -
141268B	5 / 7	7	2	N/A -
141269B	10 / 15	7	2	N/A -
141271B	50	6	1	N/A -

Magnetic platform

Part no.	Designation	€
841401	Magnetic platform	N/A -
841402	Metal strip 100 x 17 mm	N/A -



Dutscher.com

Rotary shaker Revolver Labnet

Interface	Analog
Speed (rpm)	20 fixed
Stirring angle	0 - 90
Adapters included	36 x 1.5 / 2.0 ml microtubes
Maximum load (kg)	0.8
Operating mode	Continuous
Dimensions (L x W x H)(mm)	239 x 217 x 152.4
Weight (kg)	2
Conditions to use	+4 to +65 °C
Part no.	096619
€	N/A -



With standard holder for 36 microtubes



With holder for 50 ml tubes

Accessories

Part no.	Designation	€
096620	Support for 10 tubes of 15ml and 16 tubes of 5-7ml	N/A -
096621	Support for 6 x 50 ml tubes	N/A -

MiniLabRoller rotative shaker

Interface	Analog
Speed (rpm)	20 fixed
Stirring angle	0 or 90°
Rack included	36 x 1.5 / 2.0 ml microtubes
Operating mode	Continuous
Dimensions (L x W x H)(mm)	213 x 102 x 126
Weight (kg)	1.8
Conditions to use	+4 to +40 °C
Part no.	096576
€	N/A -

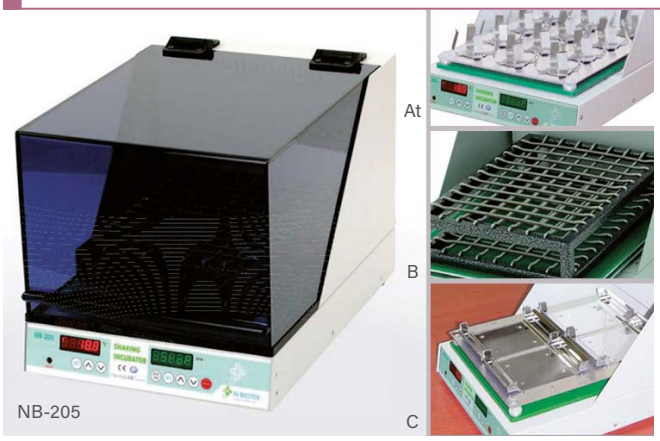


Racks

Part no.	Designation	€
096578	Rack for 10 tubes of 15 ml and 12 tubes of Ø 13 mm	N/A -
096579	Rack for 6 tubes of 50 ml	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

NB-205 Orbital Shaker-Incubators



A: Platform with 12 clamps for Erlenmeyer flasks
B: Spring platform C: Platform for 4 microplates

Supplied with non-slip platform

Model	NB-205	NB-T205
Interface	Digital	Touchscreen
Speed (rpm)	30 - 300	
Orbit (mm)	30	
Temperature range (°C)	Ambient +5 to +60°C	
Accuracy (°C)	± 0.2	
Dimensions tray (mm)	250 x 310	
Mode of operation	Continuous or timer	Continuous, timer or programme
Timer	1min to 47h59min	1s to 99h59min
Programming	-	4 steps
Dimensions (L x W x H) (mm)	285 x 400 x 290	
Weight (kg)	13	
Part no.	995011	995040
€	N/A -	N/A -

Depending on model



Tip

Find the dedicated platforms on Dutscher.com

Platforms

Part no.	Designation	€
995017	Universal platform for clamps and racks	N/A -
995015	Platform with springs	N/A -

Universal platform clamps

Part no.	Designation	€
995021	Clamp for 100 ml Erlenmeyer flask	N/A -
995022	Clamp for 250 ml Erlenmeyer flask	N/A -
995023	Clamp for 500 ml Erlenmeyer flask	N/A -

Racks for universal platform

Part no.	Designation	€
995026	Adjustable rack for 56 tubes Ø 14 mm	N/A -
995027	Adjustable rack for 32 tubes Ø 16 mm	N/A -
995028	Adjustable rack for 32 tubes Ø 19 mm	N/A -
995029	Adjustable rack for 10 tubes of 50 ml Ø 30 mm	N/A -

Solaris Series 2000 orbital shaker-incubators

thermo scientific



- USB and Ethernet connectivity for event history extraction and program transfer
- Triple eccentric training system
- Supplied complete with universal platform for clamp

5 YEARS WARRANTY

IP 20

NEW

Model	Solaris 2000 I	Solaris 2000 R
Interface	Tactile	
Speed (rpm)	15 - 525	
Orbit (mm)	25.4	
Temperature range (°C)	+30 to +60 °C	+4 to +60 °C
Accuracy (°C)	± 0.1	
Uniformity (°C)	± 0.5	
Dimensions tray (mm)	279.4 x 355.6	
Effective height (mm)	293	
Maximum load (kg)	16	
Operating mode	Continuous, timer or programs	
Timer	0 to 99 hrs 59 min	
Programming	Up to 99 programmes	
Dimensions W x D x H (mm)	700 x 360 x 460	
Weight (kg)	44.9	47.2
Conditions to use	+5 to 40 °C / 85% RH	
Part no.	229558	229559
€	N/A -	N/A -

Adhesive mats

Part no.	Designation	Max. speed (rpm)	€
229581	Low-adhesion mat 200 x 200 mm	200	N/A -
229582	Low-adhesion mat 280 x 170 mm	200	N/A -
079612	Standard adhesive mat 140 x 140 mm	225	N/A -
047959	Standard adhesive mat 230 x 230 mm	250	N/A -
229579	High-adhesion mat 200 x 200 mm	400	N/A -
229580	High-adhesion mat 280 x 170 mm	400	N/A -

Tip

Find additional accessories (complete kits, clamps for square bottles, beaker racks, etc...) on Dutscher.com

Clamps for Erlenmeyers

Part no.	Designation	Capacity/ device	€
078365	Clamp for 50 ml Erlenmeyer flask	64	N/A -
078366	Clamp for 125 ml Erlenmeyer flask	32	N/A -
078367	Clamp for 250 ml Erlenmeyer flask	16	N/A -
078368	Clamp for 300 ml Erlenmeyer flask	16	N/A -
078369	Clamp for 500 ml Erlenmeyer flask	16	N/A -
078370	Clamp for 1000 ml Erlenmeyer flask	9	N/A -
078371	Clamp for 2000 ml Erlenmeyer flask	6	N/A -

Racks for test tubes

Part no.	Designation	Capacity/ device	€
078403	Rack for 6 x 12 tubes 10-13 mm	7	N/A -
078404	Rack for 6 x 12 tubes 14-16 mm	4	N/A -
078405	Rack for 4 x 10 tubes 17-20 mm	5	N/A -
078406	Rack for 4 x 10 tubes 21-25 mm	3	N/A -
078407	Rack for 3 x 8 tubes 26-30 mm	4	N/A -
078517	Rack for 8 x 12 microtubes 1.5 ml	5	N/A -

Orbital incubator-shakers Genius Temp-Shaker Scientific Industries

Model	Genie Temp-Shaker 100	Genie Temp-Shaker 300		
Interface	Digital			
Speed (rpm)	20 - 100	35 - 300		
Orbit (mm)	19			
Temperature range (°C)	28 - 75 °C			
Dimensions tray (mm)	305 x 305			
Effective height (mm)	305			
Maximum load	3			
Operating mode	Continuous			
Dimensions (w x d) (mm)	450 x 480			
Weight (kg)	9			
Conditions to use	0 to +38 °C / 95% RH			
Platform	Non-slip	With roller	Universal for clamps	Adhesive
Part no.	079170	079171	079172	079173
€	N/A -	N/A -	N/A -	N/A -

- Transparent hood with three openings: front door, side tilt or complete removal
- Quick-change platform, tool-free
- Supplied with a platform of choice

2 YEARS WARRANTY



Tip

Find the replacement platforms on Dutscher.com

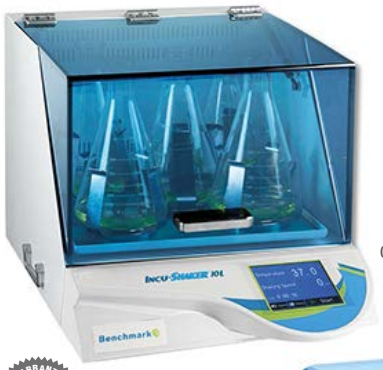
Accessories

Part no.	Designation	€
079161	Adhesive replacement mat	N/A -
079093	Double-sided adhesive tape 25.4mm x 1.5m	N/A -
079087	Clamp for 100 ml Erlenmeyer flask	N/A -
079088	Clamp for Erlenmeyer flask 125/150 ml	N/A -
079089	Clamp for 250 ml Erlenmeyer flask	N/A -
079090	Clamp for 500 ml Erlenmeyer flask	N/A -
079091	Clamp for 1000 ml Erlenmeyer flask	N/A -
079092	Clamp for 2000 ml Erlenmeyer flask	N/A -

Incu-Shaker orbital shaker-incubators

- Supplied with non-slip platform

Model	Incu-Shaker mini	Incu-Shaker 10L	Incu-Shaker 10LR
Interface	Tactile		
Speed (rpm)	30 - 300		
Orbit (mm)	19		
Temperature range (°C)	Ambient +5 to +70°C	Ambient +5 to +60°C	Ambient -15 to +60°C
Accuracy (°C)	± 0.1		
Uniformity (°C)	± 0.25		
Dimensions tray (mm)	235 x 292	450 x 450	
Mode of operation	Continuous or timer		
Dimensions (w x d x h) (mm)	280 x 480 x 330	510 x 650 x 470	510 x 790 x 560
Weight (kg)	11.5	55	78
Part no.	060981	062855	062575B
€	N/A -	N/A -	N/A -



062855

2 YEARS WARRANTY

Depending on model



060981

Platforms for Incu-Shaker mini

Part no.	Designation	€
060957	MagicClamp magnetic platform for clamps	N/A -
060971	Dedicated platform for 4 microplates	N/A -
060972	Universal spring platform	N/A -

Platforms for Incu-Shaker 10L and 10LR

Part no.	Designation	€
060983	MagicClamp magnetic platform for clamps	N/A -
060984	Dedicated platform for 6 microplates	N/A -
060985	Universal spring platform	N/A -
060986	Shelf for Petri dishes and microplates	N/A -

Tip

Find more models on the following page.

Dutscher.com

New products page

Accessories for MagicClamp platforms

Part no.	Designation	Max. number of clamps: Incu-shaker Mini	Max. number of clamps: Incu-shaker 10 litres	€
060961	MagicClamp clamp for Erlenmeyer 125 ml	12	36	N/A -
060960	MagicClamp clamp for Erlenmeyer 250 ml	8	25	N/A -
060959	MagicClamp clamp for Erlenmeyer 500 ml	5	16	N/A -
060958	MagicClamp clamp for Erlenmeyer 1000 ml *	-	9	N/A -
060967	MagicClamp clamp for Erlenmeyer 2000 ml *	-	5	N/A -
060987	MagicClamp clamp for standard microplates	4	6	N/A -
060963	MagicClamp rack for 21 x 15 ml tubes and 12 x 50 ml tubes	1	4	N/A -
060979	MagicClamp rack for 32 15ml centrifuge tubes	2	8	N/A -
060980	MagicClamp rack for 15 50ml centrifuge tubes	2	8	N/A -

* Compatible only with Incu-Shaker 10L & 10LR.

Prices are indicative and excluding tax. Visit Dutscher.com

Orbital shaker-incubators Innova 40 & 40R Eppendorf



- Triple eccentric drive system for better agitation homogeneity
- Operable continuously 24/7
- Delivered without a stand, to be completed with a platform of your choice

Depending on model

Tip

Find more models on the previous page.

Model	Innova® 40		Innova® 40R	
Interface	Digital			
Speed (rpm)	50 - 400			
Orbit (mm)	19	25	19	25
Temperature range (°C)	Ambient +5 to +80°C		Ambient -15 to +80°C	
Accuracy @37°C	± 0.1			
Uniformity (°C)	± 0.25			
Dimensions tray (mm)	460 x 460			
Effective height (mm)	356			
Operating mode	Continuous or timer			
Timer	0.1 to 99.9 hours			
Programming	4 programmes, up to 15 steps			
Dimensions (L x W x H) (mm)	559 x 762 x 610			
Weight (kg)	60.3		79.4	
Part no.	M12990082	M12990092	M12990086	M12990096
€	N/A -	N/A -	N/A -	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
M11909000	Clamp for 50 ml Erlenmeyer flask	45	N/A -
M11909001	Clamp for 125 ml Erlenmeyer flask	21	N/A -
M11909002	Clamp for 250 ml Erlenmeyer flask	18	N/A -
M11909003	Clamp for 500 ml Erlenmeyer flask	14	N/A -
ACSB1000S	Clamp for 1000 ml Erlenmeyer flask	8	N/A -
M11909005	Clamp for 2000 ml Erlenmeyer flask	5	N/A -

Platform

Part no.	Designation	€
M12509902	Universal platform for clamps	N/A -
M11949910	Non-slip platform	N/A -
M11949909	2-roller holding platform	N/A -
M11949923	Additional support roll	N/A -
M12509600	Double-sided adhesive tape 41mm x 5m	N/A -

Tube racks

Part no.	Designation	Capacity/device	€
M12890010	Rack for 60 tubes Ø 8-11 mm	5	N/A -
M12890020	Rack for 44 tubes Ø 12-15 mm	5	N/A -
M12890030	Rack for 31 tubes Ø 15-18 mm	5	N/A -
M12890040	Rack for 23 tubes Ø 18-21 mm	5	N/A -
M12890050	Rack for 16 tubes Ø 22-26 mm	5	N/A -
M12890060	Rack for 16 tubes Ø 26-30 mm	5	N/A -

Microplate racks

Part no.	Designation	Capacity/ device	€
M12890700	Rack for 9 microplates or 3 stacked deepwell plates	8	N/A -
TTR221	Holder for 5 non-stacked microplates	2	N/A -

Solaris Series 4000 orbital shaker-incubators



- USB and Ethernet connection for event history extraction and programme transfer
- Triple-eccentric training system
- Supplied complete with universal platform for clamp

5 YEARS WARRANTY

IP 20

NEW

Model	Solaris 4000 I	Solaris 4000 R
Interface	Tactile	
Speed (rpm)	15 - 525	
Orbit (mm)	25.4	
Temperature range (°C)	+ 30 to 60 °C	+ 5 to 60 °C
Accuracy (°C)	± 0.1	
Uniformity (°C)	± 0.5	
Dimensions tray (mm)	457 x 457	
Effective height (mm)	355	
Maximum load (kg)	32	
Operating mode	Continuous, timer or programs	
Timer	0 to 99 hrs 59 min	
Programming	Up to 99 programmes	
Dimensions W x D x H (mm)	770 x 570 x 550	
Weight (kg)	68.1	74.9
Conditions to use	+5 to +40 °C / 85% RH	
Part no.	229560	229561
€	N/A -	N/A -

Adhesive mats

Part no.	Designation	Max. speed (rpm)	€
229581	Low-adhesion mat 200 x 200 mm	200	N/A -
229582	Low-adhesion mat 280 x 170 mm	200	N/A -
079612	Standard adhesive mat 140 x 140 mm	225	N/A -
047959	Standard adhesive mat 230 x 230 mm	250	N/A -
229579	High-adhesion mat 200 x 200 mm	400	N/A -
229580	High-adhesion mat 280 x 170 mm	400	N/A -

Tip

Find additional accessories (complete kits, clamps for square bottles, beaker racks, etc...) on Dutscher.com

Clamps for Erlenmeyers

Part no.	Designation	Capacity/ device	€
078365	Clamp for 50 ml Erlenmeyer flask	64	N/A -
078366	Clamp for 125 ml Erlenmeyer flask	32	N/A -
078367	Clamp for 250 ml Erlenmeyer flask	16	N/A -
078368	Clamp for 300 ml Erlenmeyer flask	16	N/A -
078369	Clamp for 500 ml Erlenmeyer flask	16	N/A -
078370	Clamp for 1000 ml Erlenmeyer flask	9	N/A -
078371	Clamp for 2000 ml Erlenmeyer flask	6	N/A -

Racks for test tubes

Part no.	Designation	Capacity/ device	€
078403	Rack for 6 x 12 tubes 10-13 mm	7	N/A -
078404	Rack for 6 x 12 tubes 14-16 mm	4	N/A -
078405	Rack for 4 x 10 tubes 17-20 mm	5	N/A -
078406	Rack for 4 x 10 tubes 21-25 mm	3	N/A -
078407	Rack for 3 x 8 tubes 26-30 mm	4	N/A -
078517	Rack for 8 x 12 microtubes 1.5 ml	5	N/A -

NB-205L Orbital Shaker-Incubators

Model	NB-205L	NB-T205L	NB-205LF	NB-T205LF
Interface	Digital	Touchscreen	Digital	Touchscreen
Speed (rpm)	30 - 300			
Orbit (mm)	22			
Temperature range (°C)	Ambient +5 to +60°C		Ambient -12 to +60°C	
Accuracy at 37°C (°C)	± 0.2			
Dimensions tray (mm)	450 x 450			
Mode of operation	Continue or timer	Continuous, timer or programme	Continue or timer	Continuous, timer or programme
Timer	1min to 47h59min	1s to 99h59min	1min to 47h59min	1s to 99h59min
Programming	-	4 steps	-	4 steps
Dimensions (L x W x H) (mm)	510 x 600 x 470		550 x 790 x 555	
Weight (kg)	56		78	
Part no.	995018	995041	995019	955053
€	N/A -	N/A -	N/A -	N/A -

Supplied with non-slip platform



NB-T205L touch panel

Platforms

Part no.	Designation	€
995020	Universal platform for clamps and racks	N/A -
995035	Platform with springs	N/A -



Depending on model

Tip

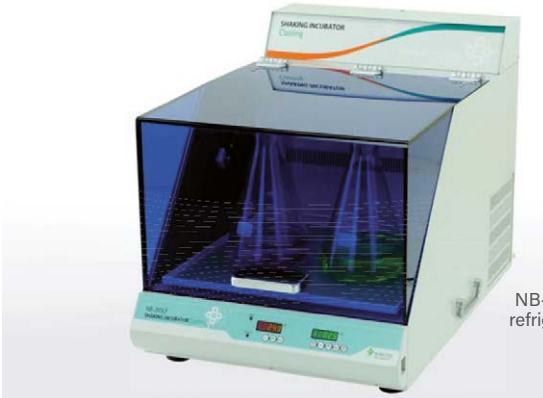
Find the dedicated platforms on Dutscher.com

Universal platform clamps

Part no.	Designation	€
995021	Clamp for 100 ml Erlenmeyer flask	N/A -
995022	Clamp for 250 ml Erlenmeyer flask	N/A -
995023	Clamp for 500 ml Erlenmeyer flask	N/A -
995024	Clamp for 1000 ml Erlenmeyer flask	N/A -
995025	Clamp for 2000 ml Erlenmeyer flask	N/A -

Racks for universal platform

Part no.	Designation	€
995026	Adjustable rack for 56 tubes Ø 14 mm	N/A -
995027	Adjustable rack for 32 tubes Ø 16 mm	N/A -
995028	Adjustable rack for 32 tubes Ø 19 mm	N/A -
995029	Adjustable rack for 10 tubes of 50 ml Ø 30 mm	N/A -



NB-205L refrigerant

Prices are indicative and excluding tax. Visit Dutscher.com

Orbital incubator shakers IKA KS 4000 i control

IKA®



- Temperature probe connection for direct temperature control
- Delivered without a stand, to be completed with a platform of your choice

Orbital shaker-incubator KS 4000 iC control

- Connection for recirculating cooler for work below ambient temperature

Model	KS 4000 I control	KS 4000 IC control
Interface	Digital	
Speed (rpm)	10 - 500	
Orbit (mm)	20	
Temperature range (°C)	Ambient +5 to +80°C	Ambient -10 to +80°C*
Accuracy @37°C	± 0.5	
Dimensions tray (mm)	440 x 440	
Effective height (mm)	352	
Maximum load	20	
Operating mode	Continuous or timer	
Timer	0 to 999h	
Dimensions (L x W x H) (mm)	580 x 520 x 750	
Weight (kg)	50	55
Conditions to use	+15 to +32 °C / 80% RH	
Part no.	250178	250179
€	N/A -	N/A -

*Working below ambient temperature requires an external chiller.

Universal platform clamps

Part no.	Designation	€
250186	Clamp for 25 ml Erlenmeyer flask	N/A -
250187	Clamp for 50 ml Erlenmeyer flask	N/A -
250188	Clamp for 100 ml Erlenmeyer flask	N/A -
250189	Clamp for Erlenmeyer flask 200/250 ml	N/A -
250190	Clamp for 500 ml Erlenmeyer flask	N/A -
250191	Clamp for 1000 ml Erlenmeyer flask	N/A -

Platforms

Part no.	Designation	€
250180	Universal platform for clamps	N/A -
250181	Roller platform	N/A -
250182	Non-slip platform	N/A -
250177	Anti-slip mat 200 x 200 mm	N/A -

Orbital shaker-incubators Lauda Varioshake

LAUDA

- RS232 interface for data transfer
- Delivered without a stand, to be completed with a platform of your choice


910843


910883

Model	VS 60 OI	VS 45 OI	VS 150 OI
Interface	Digital		
Speed (rpm)	20 - 250		
Orbit (mm)	30	25	25
Temperature range (°C)	Ambient +5 to +70°C		
Accuracy (°C)	± 0.2	± 0.2	± 0.2
Dimensions tray (mm)	450 x 450	420 x 270	674 x 540
Effective height (mm)	280	320	430
Maximum load	12	12	20
Operating mode	Continuous or timer		
Timer	1min to 999h		
Dimensions (L x W x H)(mm)	525 x 686 x 631	710 x 650 x 710	930 x 890 x 820
Weight (kg)	41.5	70	135
Conditions to use	+10 to +30 °C		
Part no.	910843	910882	910883
€	N/A -	N/A -	N/A -

Universal platform clamps

Part no.	Designation	Capa. / device VS 60 OI	VS 45 OI	VS 150 OI	€
910659	Clamp for 25 ml Erlenmeyer flask	79	52	99	N/A -
910660	Clamp for 50 ml Erlenmeyer flask	49	33	99	N/A -
910661	Clamp for 100 ml Erlenmeyer flask	36	22	50	N/A -
910662	Clamp for 200 ml Erlenmeyer flask	22	15	26	N/A -
910844	Clamp for 250-300 ml Erlenmeyer flask	16	13	26	N/A -
910663	Clamp for 500 ml Erlenmeyer flask	12	10	26	N/A -
910664	Clamp for 1000 ml Erlenmeyer flask	9	6	12	N/A -
910888	Clamp for 2000 ml Erlenmeyer flask	-	3	9	N/A -
910885	Inclined rack for 24 tubes 12-17 mm	6	3	9	N/A -
910884	Microplate clamp	6	6	15	N/A -

Platforms

Part no.	Designation	€
910657	Universal platform for clamps for VS 60 OI	N/A -
910886	Universal platform for clamps for VS 45 OI	N/A -
910887	Universal platform for clamps for VS 150 OI	N/A -
910658	Roller platform for VS 60 OI	N/A -
910847	Non-slip mat for VS 60 OI	N/A -

Tip

Find the accessories (pt100 probe, stands, water bath...) on Dutscher.com

Orbital shaker-incubators Innova 43 & 43R Eppendorf

eppendorf

- Triple eccentric drive system for better agitation homogeneity
- Operable continuously 24/7
- Optional adapter for stacking 2 units
- Delivered without a stand, to be completed with a platform of your choice

Model	Innova 42		Innova 42R	
Interface	Digital			
Speed (rpm)	25 - 400			
Orbit (mm)	19	25	19	25
Temperature range (°C)	Ambient +5 to +80°C		Ambient -20 to +80°C	
Accuracy (°C)	± 0.1			
Accuracy (°C)	± 0.1			
Uniformity (°C)	± 0.25			
Dimensions tray (mm)	460 x 460			
Effective height (mm)	477			
Operating mode	Continuous, timer or programs			
Timer	0.1 to 99.9 hours			
Programming	4 programmes, up to 15 steps			
Dimensions (L x W x H) (mm)	620 x 754 x 825			
Weight (kg)	99		121	
Part no.	M13350002	M13350012	M13350006	M13350016
€	N/A -	N/A -	N/A -	N/A -



Tip Find additional accessories (dedicated platforms, stands, clamps...) on Dutscher.com

2 YEARS WARRANTY

Depending on model

Accessories

Part no.	Designation	€
M13350800	Stacking kit for 2 units	N/A -
M13350080	Additional perforated shelf with fasteners	N/A -
M13350501	Anti-desiccation drawer for culture boxes	N/A -

Platforms

Part no.	Designation	€
M12509902	Universal platform for clamps	N/A -
M11949910	Non-slip platform	N/A -
M11949909	2-roller holding platform	N/A -
M11949923	Additional support roll	N/A -
M12509600	Double-sided adhesive tape 41mm x 5m	N/A -

Microplate racks

Part no.	Designation	Capacity/ device	€
M12890700	Rack for 9 microplates or 3 stacked deepwell plates	8	N/A -
TTR221	Holder for 5 non-stacked microplates	2	N/A -

Tube racks

Part no.	Designation	Capacity/device	€
M12890010	Rack for 60 tubes Ø 8-11 mm	5	N/A -
M12890020	Rack for 44 tubes Ø 12-15 mm	5	N/A -
M12890030	Rack for 31 tubes Ø 15-18 mm	5	N/A -
M12890040	Rack for 23 tubes Ø 18-21 mm	5	N/A -
M12890050	Rack for 16 tubes Ø 22-26 mm	5	N/A -
M12890060	Rack for 16 tubes Ø 26-30 mm	5	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
M11909000	Clamp for 50 ml Erlenmeyer flask	45	N/A -
M11909001	Clamp for 125 ml Erlenmeyer flask	21	N/A -
M11909002	Clamp for 250 ml Erlenmeyer flask	18	N/A -
M11909003	Clamp for 500 ml Erlenmeyer flask	14	N/A -
ACSB1000S	Clamp for 1000 ml Erlenmeyer flask	8	N/A -
M11909005	Clamp for 2000 ml Erlenmeyer flask	5	N/A -

Stackable orbital shakers-incubators MaxQ 6000 Thermo Scientific

thermo scientific

- Supplied with 2 height-adjustable shelves
- Optional adapter for stacking 2 units
- Delivered without a stand, to be completed with a platform of your choice 3-year warranty on parts, 1-year warranty on labour

Model	MaxQ 6000 heating	MaxQ 6000 refrigerated
Interface	Digital	
Speed (rpm)	15 - 500 single / 15 - 300 stacked	
Orbit (mm)	19	
Temperature range (°C)	Ambient +10 to +80°C	Ambient -15 to +80°C
Accuracy @37°C	± 0.1	
Dimensions tray (mm)	460 x 460	
Effective height (mm)	686	
Maximum load	15.9	
Operating mode	Continuous or timer	
Timer	0.1min to 999h	
Dimensions (L x W x H)(mm)	838 x 699 x 1029	
Weight (kg)	150	195
Part no.	078564	078565
€	N/A -	N/A -

Tip Find additional clamps on Dutscher.com

3 YEARS WARRANTY

Depending on model



Accessories

Part no.	Designation	€
078357	Universal platform 46 x 46 cm	N/A -
078569	Adapter for stacking two platforms	N/A -
078566	Stacking kit for MaxQ™ 6000	N/A -
078567	Universal stacking kit	N/A -
078568	Seismic fastening	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
078362	Microplate clamp	10	N/A -
078366	Clamp for 125 ml Erlenmeyer flask	32	N/A -
078367	Clamp for 250 ml Erlenmeyer flask	16	N/A -
078368	Clamp for 300 ml Erlenmeyer flask	16	N/A -
078369	Clamp for 500 ml Erlenmeyer flask	16	N/A -
078370	Clamp for 1000 ml Erlenmeyer flask	9	N/A -
078371	Clamp for 2000 ml Erlenmeyer flask	6	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Stackable orbital shakers-incubators MaxQ 8000 Thermo Scientific



- Internal stainless steel tank
- HEPA filter to limit cross-contaminations
- Sliding platform for simplified access
- Up to 3 stackable devices
- Delivered without a stand, to be completed with a platform of your choice

5 YEARS WARRANTY

Depending on model

Model	MaxQ 8000 heating	MaxQ 8000 refrigerated
Interface	Digital	
Speed (rpm)	25 - 400	
Orbit (mm)	25.4	
Temperature range (°C)	Ambient +10 to +60°C	Ambient -20 to +60°C
Accuracy at 37 °C	± 0.15	
Uniformity at 37 °C	± 0.3	
Dimensions tray (mm)	460 x 760	
Effective height (mm)	300	
Maximum load	16.1	
Operating mode	Continuous or timer	
Timer	0.1min to 999h	
Dimensions (L x W x H)(mm)	846 x 1181 x 635	846 x 1435 x 635
Weight (kg)	298.8	328
Part no.	078654	078655
€	N/A -	N/A -

Accessories

Part no.	Designation	€
078656	Universal platform for clamps	N/A -
078657	High stand for a device	N/A -
078658	Low stand for two devices	N/A -
078659	Glass occlusion system	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
078668	Microplate clamp	18	N/A -
078662	Clamp for 125 ml Erlenmeyer flask	39	N/A -
078663	Clamp for Erlenmeyer flask 250/300 ml	30	N/A -
078664	Clamp for 500 ml Erlenmeyer flask	24	N/A -
078665	Clamp for 1000 ml Erlenmeyer flask	16	N/A -
078666	Clamp for 2000 ml Erlenmeyer flask	9	N/A -

Racks for universal platform

Part no.	Designation	€
078678	Rack for 72 tubes Ø 10-13 mm	N/A -
078679	Rack for 40 tubes Ø 16-20 mm	N/A -
078669	Rack for 40 tubes Ø 21-25 mm	N/A -
078670	Rack for 72 tubes Ø 10-13 mm	N/A -
078671	Adjustable rack for tubes Ø 10-13 mm	N/A -
078672	Adjustable rack for tubes Ø 16-20 mm	N/A -
078673	Adjustable rack for tubes Ø 21-25 mm	N/A -
078674	Adjustable rack for tubes Ø 36-30 mm	N/A -
078676	Rack for Deepwell Plates	N/A -
078677	Microplate rack	N/A -

Stackable orbital shakers-incubators Innova 44 & 44R Eppendorf



- Triple eccentric drive system for improved agitation uniformity
- Operable continuously 24/7
- Sliding platform for simplified access
- Optional adapter for stacking 3 units
- Delivered without a stand, to be completed with a platform of your choice

2 YEARS WARRANTY

Depending on model

Model	Innova 44		Innova 44R	
Interface	Digital			
Speed (rpm)	25 - 400	25 - 300	25 - 400	25 - 300
Orbit (mm)	25	51	25	51
Temperature range (°C)	Ambient +5 to +80°C		Ambient -20 to +80°C	
Accuracy (°C)	± 0.1			
Uniformity (°C)	± 0.25			
Dimensions tray (mm)	760 x 460			
Effective height (mm)	460			
Operating mode	Continuous, timer or programs			
Timer	0.1 to 99.9 hours			
Programming	4 programmes, up to 15 steps			
Dimensions (L x W x H) (mm)	1350 x 870 x 735			
Weight (kg)	237		257	
Part no.	M12820002	M12820012	M12820006	M12820016
€	N/A -	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
M12820600	Base height 102 mm for stacking up to 3 devices	N/A -
M12820700	Base height 406 mm for 1 unit	N/A -
M12820800	Base height 305 mm for stacking up to 2 devices	N/A -
M12820500	Stacking kit for 2 units for base M12820800	N/A -

Platforms

Part no.	Designation	€
M12829904	Universal platform in phenolic resin for clamps	N/A -
M12829915	Universal aluminium platform, thickness 9.5 mm, for clamps	N/A -
M12829913	Platform for adhesive mats	N/A -
M12509700	Adhesive mat 200 x 200 mm for max 250 rpm	N/A -
M12509600	Double-sided adhesive tape 41mm x 5m	N/A -
M12509504	Universal platform adaptation kit and adhesive mat	N/A -

Microplate racks

Part no.	Designation	Capacity/device	€
M12890700	Rack for 9 microplates or 3 stacked deepwell plates	16	N/A -
TTR221	Holder for 5 non-stacked microplates	4	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
M11909000	Clamp for 50 ml Erlenmeyer flask	91	N/A -
M11909001	Clamp for 125 ml Erlenmeyer flask	39	N/A -
M11909002	Clamp for 250 ml Erlenmeyer flask	30	N/A -
M11909003	Clamp for 500 ml Erlenmeyer flask	24	N/A -
ACSB1000S	Clamp for 1000 ml Erlenmeyer flask	14	N/A -
M11909005	Clamp for 2000 ml Erlenmeyer flask	8	N/A -

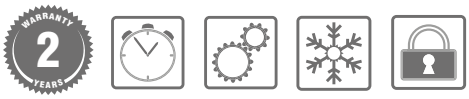
Tube racks

Part no.	Designation	Capacity/device	€
M12890010	Rack for 60 tubes Ø 8-11 mm	9	N/A -
M12890020	Rack for 44 tubes Ø 12-15 mm	9	N/A -
M12890030	Rack for 31 tubes Ø 15-18 mm	9	N/A -
M12890040	Rack for 23 tubes Ø 18-21 mm	9	N/A -
M12890050	Rack for 16 tubes Ø 22-26 mm	9	N/A -
M12890060	Rack for 16 tubes Ø 26-30 mm	9	N/A -

Orbital shaker-incubators Innova S44i Eppendorf

eppendorf

- Next-generation X-Drive training system reducing vibrations caused by agitation
- Suitable for continuous use 24 hours a day, 7 days a week
- Sliding platform for simplified access
- USB and Ethernet connections for data and event extraction
- Parameter lock function
- Optional adapters for stacking up to 3 devices
- Delivered without a stand, to be completed with a platform of your choice



Depending on model



Model	S44i heating		S44i refrigerated		S44i refrigerated photosynthetic lighting	
Interface	Tactile					
Speed (rpm)	20 - 400	20 - 300	20 - 400	20 - 300	20 - 400	20 - 300
Orbit (mm)	25	51	25	51	25	51
Temperature range (°C)	Ambient +5 to +80°C		Ambient -20 to +80°C			
Accuracy at 37 °C	± 0.1					
Uniformity at 37 °C	± 0.25					
Photosynthetic lighting					Broad spectrum: 400- 700 nm	
Luminous intensity					15 - 150 PAR	
Dimensions tray (mm)	720 x 620					
Effective height (mm)	437				406	
Maximum load	35					
Operating mode	Continuous, timer or programs					
Timer	Up to 99 hours and 59 minutes					
Programming	Unlimited					
Dimensions (L x W x H) (mm)	1182 x 869 x 630					
Weight (kg)	186		198			
Part no.	S44I300001	S44I320001	S44I310001	S44I330001	S44I311001	S44I331001
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Platforms

Part no.	Designation	€
S44I040001	Universal platform for clamps	N/A -
M12509700	Adhesive mat 200 x 200 mm for max 250 rpm	N/A -
S44I042001	Non-agitated incubation shelf	N/A -
S44I042002	Blind for porthole for under-the-table work	N/A -

Supports and overlay kit

Part no.	Designation	€
S44I041001	Positioning base 101.6 mm	N/A -
S44I041002	Positioning base 304.8 mm	N/A -
S44I041003	Stacking kit for 3 devices	N/A -
S44I041005	Stacking kit for 2 devices	N/A -
S44I041006	Overlay kit for S44i on Innova 44/44R	N/A -

Microplate racks

Part no.	Designation	Capacity/ device	€
M12890700	Rack for 9 microplates or 3 stacked deepwell plates	8	N/A -
TTR221	Holder for 5 non-stacked microplates	2	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
M11909000	Clamp for 50 ml Erlenmeyer flask	130	N/A -
M11909001	Clamp for 125 ml Erlenmeyer flask	81	N/A -
M11909002	Clamp for 250 ml Erlenmeyer flask	49	N/A -
M11909003	Clamp for 500 ml Erlenmeyer flask	36	N/A -
ACSB1000S	Clamp for 1000 ml Erlenmeyer flask	20	N/A -
M11909005	Clamp for 2000 ml Erlenmeyer flask	13	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
M12890010	Rack for 60 tubes Ø 8-11 mm	10	N/A -
M12890020	Rack for 44 tubes Ø 12-15 mm	10	N/A -
M12890030	Rack for 31 tubes Ø 15-18 mm	10	N/A -
M12890040	Rack for 23 tubes Ø 18-21 mm	10	N/A -
M12890050	Rack for 16 tubes Ø 22-26 mm	10	N/A -
M12890060	Rack for 16 tubes Ø 26-30 mm	10	N/A -

Tip

Find additional accessories (dedicated platforms, stands, clamps...) on Dutscher.com

New products page

Prices are indicative and excluding tax. Visit Dutscher.com

Orbital, rocking, or 3D shakers-incubators Ohaus





Depending on model

Tip

Find more accessories (holders, clamps, etc.) at Dutscher.com

Model	ISLD04HDG	ISLDMPHDG		ISICMBCDG
Type of shaker	Vortex			
Interface	Digital			
Speed (rpm)	100 - 1200			
Orbit (mm)/ agitation angle	3			
Temperature range (°C)	Ambient +5 to +65°C			Ambient -10 to +65°C
Accuracy at 37°C (°C)	± 0.5			
Dimensions tray (mm)	279 x 197	-		-
Maximum load	3.6	4 microplates		2 microplates or 2 blocks
Operating mode	Continuous or timer			
Timer	1 s to 160 h			
Dimensions (L x W x H) (mm)	432 x 279 x 267	432 x 279 x 197		419 x 457 x 279
Weight (kg)	11.1	8.9		13.4
Conditions to use	+5 to +40 °C / 80% RH			
Part no.	192114	192115*	192116	192117
€	N/A -	N/A -	N/A -	N/A -

With opaque lid for light-sensitive samples.

Blocks for shaker ISICMBCDG

Part no.	Tubes	Capacity	Well Ø (mm)	Depth of the well (mm)	€
192244	0.5 ml	30	7.9	27.6	N/A -
192246	1.5 ml	20	11.1	39.1	N/A -
192277	2 ml	20	11.5	38.1	N/A -
192258	15 ml	12	17.1	44.5	N/A -
192254	50 ml	5	29	47.6	N/A -
192280	0.5 ml	6	7.9	27.6	N/A -
	1.5 ml	10	11.1	39.1	
	2 ml	5	11.5	38.1	

Accessories

Part no.	Designation	€
192223	Rack for 35 tubes of 15 ml	N/A -
192224	Rack for 12 tubes of 50 ml	N/A -
192218	Rack for 70 microtubes of 1.5 and 2 ml	N/A -
192219	Rack for 63 tubes of 10-13 mm	N/A -
192220	Rack for 48 tubes of 14-16 mm	N/A -
192189	Stainless steel clamp for 50 ml flask	N/A -
192190	Stainless steel clamp for 125 ml flask	N/A -
192191	Stainless steel clamp for 250 ml flask	N/A -

Microplate shaker-incubators Grant Bio PHMP



- Heated lid limiting evaporation and condensation
- Gentle initiation of agitation to minimise splashing

Model	PHMP	PHMP-4
Interface	Digital	
Standard capacity	2 microplates SBS	4 microplates SBS
Speed (rpm)	250 - 1200	
Orbit (mm)	2	
Temperature range (°C)	Ambient +5 to +60°C	
Accuracy (°C)	± 0.5°C	
Uniformity (°C)	±0.25°C at 37°C	
Operating mode	Continuous or timer	
Timer	1min to 96h	
Dimensions (L x W x H)(mm)	270 x 260 x 125	380 x 390 x 140
Weight (kg)	6.1	8.8
Conditions to use	+4 to +40 °C / 80% RH	
Part no.	144211	144532
€	N/A -	N/A -

Microplate shakers-incubators Incu-Mixer Eppendorf



- Heated lid to minimise evaporation and condensation

Incu-Mixer MP4:

- Accepts Deepwells plates up to h. 46 mm

Model	Incu-Mixer MP2	Incu-Mixer MP4
Interface	Digital	
Standard capacity	2 microplates SBS	4 SBS microplates or Deepwell plates
Speed (rpm)	100 - 1200	100 - 1500
Orbit (mm)	2	
Temperature range (°C)	Ambient +5 to 70°C	
Accuracy (°C)	± 0.2	
Uniformity (°C)	± 0.5	
Operating mode	Continuous or timer	
Timer	1min to 99h99min	
Dimensions (L x W x H)(mm)	279 x 269 x 139	
Weight (kg)	7	
Conditions to use	+5 to +30 °C / 70% RH	
Part no.	062572	062570
€	N/A -	N/A -

Accessories for Incu-Mixer MP4

Part no.	Designation	€
062874*	Adapter for 20 microtubes 1.2/2 ml	N/A -
062875*	Adapter for 20 microtubes 0.5 ml	N/A -

* Not compatible with the Incu-Mixer MP2.

Rocker & 3D shakers-incubators

Mini incubator shaker rocker or 3D Ohaus

Model	ISICMBCDG	ISICMBCDG
Type of shaker	Rocker	3D
Interface	Digital	
Speed (rpm)	1 - 50	1 - 30
Orbit (mm)/shaking angle	0 - 15 °	0 - 20 °
Temperature range (°C)	Ambient +5 to +65°C	
Accuracy at 37°C (°C)	± 0.5	
Dimensions tray (mm)	254 x 191	235 x 184
Maximum load	3.6	
Operating mode	Continuous or timer	
Timer	1s to 160h	
Dimensions (L x W x H) (mm)	419 x 257 x 274	
Weight (kg)	5.7	6.2
Conditions to use	+5 to +40 °C / 80% RH	
Part no.	192122	192123
€	N/A -	N/A -



Accessories

Part no.	Designation	For model	€
192234	Mat satin-finished 254 x 191 mm	192122	N/A -

Rotary shaker-incubators

Roto-Therm Rotating Incubator Shakers

- Supplied complete with adaptors

Roto-Therm plus:

- 3 rotation modes: «mix», «pause» and «rock»

Model	Roto-Therm	Roto-Therm plus
Interface	Digital	
Speed (rpm)	24 fixed	5 - 70
Stirring angle	360 °	360 °
Temperature range (°C)	Ambient +5 to +60°C	Ambient +5 to +60°C
Adapters included	2 x 11 tubes 1.5/2.0 ml 2 x 5 tubes 5-7 ml 2 x 4 tubes 10-15 ml 2 x 1 tube 50 ml	
Operating mode	Continuous	
Dimensions (L x W x H)(mm)	295 x 216 x 229	
Weight (kg)	4	4.5
Part no.	062812	062813
€	N/A -	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Orbital incubator shakers Incu-shaker 20L

- Stainless steel inner chamber
- Fixing system included to secure the stacking of up to two devices
- Supplied complete with non-slip platform and height-adjustable fixed shelf
- Optional Magic-Clamp magnetic platform for instant configuration changes in clamps and racks

Depending on model

NEW



063073

Model	Incu-shaker 20L	Incu-shaker 20LR
Interface	Tactile	
Speed (rpm)	30 - 300	
Orbit (mm)	19	
Temperature range (°C)	Ambient +5 to +60 °C	+4 to +60 °C
Accuracy (°C)	± 0.1	
Uniformity (°C)	± 0.5	
Dimensions tray (mm)	450 x 450	
Maximum usable height (mm)	577	
Operating mode	Continuous, timer or programme	
Timer	1min to 48h	
Dimensions (L x W x H)(mm)	600 x 870 x 730	
Weight (kg)	138	
Part no.	063073	063074
€	N/A -	N/A -

Magic-Clamp magnetic platform

Part no.	Designation	€
060983	Universal magnetic platform Magic-Clamp 450 x 450 mm	N/A -

Accessories for Magic Clamp platform

Part no.	Designation	Nb of clamp max.	€
062647	Adjustable Magic-Clamp for Erlenmeyer flask 125, 250 or 500 ml	-	N/A -
060962	Magic-Clamp clamp for Erlenmeyer flask 50 ml	49	N/A -
060961	Magic-Clamp clamp for Erlenmeyer flask 125 ml	36	N/A -
060960	Magic-Clamp clamp for Erlenmeyer flask 250 ml	25	N/A -
060959	Magic-Clamp clamp for Erlenmeyer flask 500 ml	16	N/A -
060958	Magic-Clamp clamp for Erlenmeyer flask 1000 ml	9	N/A -
060967	Magic-Clamp clamp for Erlenmeyer flask 2000 ml	5	N/A -
063079	Magic-Clamp clamp for Erlenmeyer flask 3000 ml	4	N/A -
063080	Magic-Clamp clamp for Erlenmeyer flask 5000 ml	4	N/A -
060987	Magic-Clamp clamp for standard microplate	6	N/A -
060979	Magic-Clamp rack for 32 centrifuge tubes of 15 ml	8	N/A -
060980	Magic-Clamp rack for 15 centrifuge tubes of 50 ml	8	N/A -
060963	Magic-Clamp rack for 21 tubes of 15 ml and 12 tubes of 50 ml	4	N/A -

Orbital shakers Hei-Shake Core

- RS232 connection for remote control via computer or server
- Supplied with a non-slip platform

Model	Hei-Shake Core	Hei-Shake Core 2000
Interface	Digital	
Speed (rpm)	1 - 530	
Orbit (mm)	20	
Dimensions tray (mm)	294 x 263	390 x 340
Maximum load (kg)	15	
Operating mode	Continuous or timer	
Timer	1 min to 999h 59min	
Dimensions (L x W x H) (mm)	356 x 403 x 129	390 x 403 x 129
Weight (kg)	14	
Conditions to use	+5 to +40 °C / 80% RH	
Protection class	IP32	
Part no.	498537	498538
€	N/A -	N/A -



498537

NEW



498538

Platforms

For model	Hei-Shake Core		Hei-Shake Core 2000	
Designation	Part no.	€	Part no.	€
Universal platform for clamps and racks	498623	N/A -	498614	N/A -
Roll holders (supplied without rolls)	498627	N/A -	498612	N/A -
Fixation roll	498628	N/A -	498613	N/A -
Holder for additional tier	-	-	498611	N/A -

Retention clamps for Erlenmeyer flasks

Part no.	Designation	€
498624	Clamp for 25 ml Erlenmeyer flask	N/A -
498625	Clamp for 50 ml Erlenmeyer flask	N/A -
498626	Clamp for 100 ml Erlenmeyer flask	N/A -
498615	Clamp for 250 ml Erlenmeyer flask	N/A -
498616	Clamp for 500 ml Erlenmeyer flask	N/A -
498617	Clamp for 1000 ml Erlenmeyer flask	N/A -
499667	Clamp for 2000 ml Erlenmeyer flask	N/A -

Tube racks

Part no.	Designation	€
498542	Rack for 36 microtubes 0.2 - 0.5 ml	N/A -
498543	Rack for 20 microtubes 1.5 - 2.0 ml	N/A -
498546	Rack for 20 test tubes Ø 12 mm, h 16 mm	N/A -
498547	Rack for 20 test tubes Ø 17 mm, h 20 mm	N/A -
498548	Rack for 15 test tubes Ø 30 mm	N/A -
498544	Rack for 14 centrifuge tubes of 15 ml	N/A -
498545	Rack for 5 centrifuge tubes of 50 ml	N/A -

NEW ON PAGE 1503

Stackable orbital shaker-incubators NB-T207

N-BIOTEK

Supplied with non-slip platform

Model	NB-T207	NB-T207F
Interface	Tactile	
Speed (rpm)	30 - 300	
Orbit (mm)	19	
Temperature range (°C)	Ambient +5 to +60°C	+4 to +60 °C
Accuracy (°C)	± 0.2	
Uniformity (°C)	± 1	
Dimensions tray (mm)	450 x 450	
Effective height (mm)	577	
Maximum load	-	
Operating mode	Continuous or timer	
Timer	1 s to 99 h 59 min	
Programming	-	
Dimensions W x D x H (mm)	600 x 870 x 730	
Weight (kg)	118	138
Part no.	**955075**	**955076**
€	**N/A -**	**N/A -**

Depending on model



NEW

955075

955076

IntelliStack agitators-incubators with or without CO_2 control

thermo scientific

- 10" touch interface
- Sliding platform for easy access
- LED interior lighting
- Bidirectional UV light disinfection function
- Rounded edges and mirror-finish stainless steel interior for easy cleaning
- Sealed access port on the left side
- CO_2 and humidity sensor utilizing IR
- USB, Ethernet, and RS485 connectivity for extracting usage data in PDF or CSV format
- Supplied with universal platform for clamps

3 YEARS WARRANTY

CO_2

Depending on model

NEW



Model	IntelliStack		IntelliStack CO2	
Interface	Tactile			
Speed (rpm)	30 - 350	30 - 300	30 - 350	30 - 300
Orbit (mm)	25	50	25	50
Temperature range (°C)	+4 to +60 °C			
Accuracy (°C)	0.1			
Uniformity (°C)	± 0.3			
CO2 control range	-	-	0 to 20 %	
CO2 concentration precision	-	-	0.1 %	
Uniformity of CO2 levels	-	-	± 0,2 %	
Humidity control range*	Ambient +10% to 90% (optional)*			
Dimensions tray (mm)	900 x 560			
Effective height (mm)	347			
Maximum load	20			
Operating mode	Continuous, timer, or programming			
Timer	-	-	-	-
Programming	12 steps			
Dimensions W x D x H (mm)	1400 x 886 x 680			
Weight (kg)	310			
Part no. bottom opening	**229694**	**229696**	**229728**	**229730**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Part no. top opening	**229695**	**229697**	**229729**	**229731**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* To be completed with the humidity control kit.

Digital dry agitation bath

thermo scientific



- Internal memory 10 programs
- Timer start selection: immediate, or once the target temperature is reached
- Supplied without block, to be ordered separately

Interface	Digital
Speed (rpm)	150 - 1500
Orbit (mm)	2
Temperature range (°C)	Ambient +5 to +100°C
Accuracy (°C)	± 0.5°C @80°C
Uniformity (°C)	± 0.15°C @80°C
Heating speed (°C / min)	5°C / min
Operating mode	Continuous, timer or programming
Timer	1 min to 99h59 min
Programming	10 steps
Dimensions (L x W x H) (mm)	249 x 325 x 120
Weight (kg)	8.3
Part no.	079573
€	N/A -

Accessories

Part no.	Compatibility	Capacity	€
079520	0.2 ml PCR tubes	96	N/A -
079521	Microtubes 0.5 ml	48	N/A -
079522	Microtubes 1.5 ml	24	N/A -
079701	Tubes Ø 12 mm	24	N/A -
079702	Tubes Ø 13 mm	24	N/A -
079700	15 ml centrifuge tubes	15	N/A -
079523	50 ml centrifuge tubes	6	N/A -

Dry agitation bath Grant PHMT

grant

Dutscher.com



- Device packs + block available as accessories

Interface	Digital
Speed (rpm)	250 - 1400
Orbit (mm)	2
Temperature range (°C)	Ambient +5 to +100°C
Accuracy (°C)	± 0.1 °C
Uniformity (°C)	± 0.2°C @100°C
Heating speed (°C / min)	4°C / min
Operating mode	Continuous or timer
Timer	1min to 96h
Dimensions (L x W x H)(mm)	205 x 230 x 130
Weight (kg)	3.2
Conditions to use	+4 to +40 °C / 80% RH
Part no.	144223
€	N/A -

Device + block packs and accessories

		Block only		Device + block	
Compatibility	Capacity	Part no.	€	Part no.	€
Microtubes 0.5 ml Microtubes 1.5/2 ml	20 12	144228	N/A -	144599	N/A -
Microtubes 2 ml	24	144769	N/A -	144919	N/A -
Microtubes 1.5 ml	24	144601C	N/A -	144600C	N/A -
Microplate 96 wells	1	144846	N/A -	144845	N/A -

Dry agitation bath with heating and cooling Thermocell



- Supplied without block, to be ordered separately

Interface	Digital
Speed (rpm)	300 - 1500
Orbit (mm)	3
Temperature range (°C)	Ambient -14 to +100°C
Accuracy (°C)	± 0.5
Uniformity (°C)	± 0.5
Heating speed (°C / min)	6.5 °C/min
Cooling speed (°C / min)	1.5 °C/min
Operating mode	Continuous or timer
Timer	1 min to 99h59 min
Dimensions (L x W x H) (mm)	330 x 166 x 240
Weight (kg)	8.5
Part no.	865025
€	N/A -

Blocks

Part no.	Compatibility	Capacity	€
865012	Microtubes 0.2 ml	96	N/A -
865011	Microtubes 0.5 ml	54	N/A -
865002	Microtubes 1.5 ml	40	N/A -
865015	Microtubes 2.0 ml	40	N/A -
865017	Microtubes 0.5 ml / Microtubes 1.5 ml	26 / 24	N/A -
865013	Tubes Ø 15 mm	24	N/A -
865016	Microplate SBS	1	N/A -

Eppendorf ThermoMixer shaker dry baths

- Precise, even temperature control, optimised with the ThermoTop heated lid to prevent condensation
- 2D Mix-Control technology for perfectly even mixing motion
- Quick access keys for the most common temperatures

ThermoMixer F and FP heated shaking dry baths

- Pre-assembled fixed block

ThermoMixer C heating and cooling dry bath with agitation

- Programming of up to 4 steps
- Delivered without holder, to be completed with a rod of your choice

According to model



Model	ThermoStat C	ThermoMixer C	ThermoMixer F 0.5	ThermoMixer F 1.5	ThermoMixer F 2.0	ThermoMixer FP
Speed (rpm)	-	300 - 3000	300 - 2000	300 - 1500		300 - 2000
Orbit (mm)	-	3				
Temperature range (°C)	Ambient -30 to +10°C	Ambient -15 to +100°C	Ambient +4 to +100°C			
Accuracy (°C)	± 0.5°C					±1 °C
Uniformity (°C)	± 0.5°C					
Heating speed (°C / min)	5.5 °C/min	7 °C/min	15 °C/min	11 °C/min	13 °C/min	18 °C/min
Cooling speed (°C / min)	5 °C/min	2.5 °C/min	-	-	-	-
Standard capacity	-	Without SmartBlock	24 x 0.5 ml microtubes	24 x 1.5 ml microtubes	24 x 2.0 ml microtubes	1 microplate or 1 Deepwells plate
Operating mode	Continuous, timer or programming		Continuous			
Timer	15s to 99h30min		-	-	-	-
Programming	Up to 4 stages		-	-	-	-
Dimensions W x D x H (mm)	206 x 304 x 136		206 x 304 x 163	206 x 304 x 170		206 x 304 x 164
Weight (kg)	4.3	6.3	6.2	6.3		6.1
Conditions to use	+5 to +40 °C / 90% RH					
Part no.	035964	035963	933118	035965	933119	035966
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

SmartBlocks

- Integrated temperature sensor for temperature control
- QuickRelease system for quick, easy and safe block replacement

Part no.	Capacity	Capacity	Compatibility			€
			Lid	ThermoTop	Transfer Rack	
035967	Microtubes 0.5 ml	24	x	x	Included	N/A -
035968	Microtubes 1.5 ml	24	x	x	Included	N/A -
035969	Microtubes 2.0 ml	24	x	x	Included	N/A -
035970	Microtubes 5.0 ml	8	-	-	-	N/A -
035971	15 ml conical centrifuge tubes	8	-	-	-	N/A -
035972	50 ml conical centrifuge tubes	4	-	-	-	N/A -
035973	Tubes Ø 12 mm	24	-	-	-	N/A -
035974B	Cryotubes 1.5-2.0 ml Ø 12.5 ml	24	-	-	-	N/A -
035975	SBS microplate or DeepWell plate	1	Included	x	-	N/A -
035976	96-well PCR plate or strips	1	Included	x	-	N/A -
035977	PCR 384-well plate	1	Included	x	-	N/A -
933820	Deepwell plate 96 wells 500 µl	1	Included	x	-	N/A -
933819	Deepwell plate 96 wells 1000 µl	1	Included	x	-	N/A -



ThermoTop heated lid



- Optimises temperature uniformity
- Limits evaporation of samples
- Prevents condensation on tube walls
- No plugging in, automatic recognition by the device

Part no.	Designation	€
035979	ThermoTop heated lid	N/A -
035978	Insulated lid without heating	N/A -

SmartExtender



- Easy, tool-free assembly
- For incubating 12 1.5 ml tubes
- Independent temperature control
- Supplementary module without agitation

Part no.	Designation	€
5322000008	SmartExtender module 12 tubes 1.5ml	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Fixed block dry bath Grant BTD

grant



Interface	Digital
Temperature range (°C)	Ambient +5 to +100°C
Accuracy at 37 °C	± 0.1
Uniformity at 37 °C	± 0.1
Heating rate from 25 to 37°C Heating rate from 25 to 100°C	4 min 15 min
Standard capacity	24 microtubes 1.5/2.0 ml 15 microtubes 0.5 ml 10 microtubes 0.2 ml
Operating mode	Continuous or timer
Timer	1min to 96h
Dimensions (L x W x H)(mm)	210 x 230 x 110
Weight (kg)	2.8
Part no.	144327
€	N/A -

Dry heating and/or cooling baths MyBlock Mini



Delivered without a stand, to be completed with a block of your choice

Model	Heating	Heating + heated lid	Heating / cooling
Interface	Digital		
Temperature range (°C)	Ambient +5 to +80°C	Ambient +5 to +100°C	Ambient -25 to +100°C
Accuracy (°C)	± 0.5	± 0.3	± 0.5
Uniformity (°C)	± 0.2		
Standard capacity	Without block		
Operating mode	Continuous		
Dimensions (L x W x H) (mm)	100 x 150 x 110	105 x 150 x 115	110 x 162 x 140
Weight (kg)	1		
Part no.	060946B	060998	062640
€	N/A -	N/A -	N/A -

Blocks

Part no.	Compatibility	Capacity	€
060947	PCR tubes 0.2ml or strips	40	N/A -
060948	Microtubes 0.5 ml	24	N/A -
062573	Microtubes 1.5 ml	15	N/A -
060949	Microtubes 1.5 ml *	15	N/A -
060950	Microtubes 1.5 or 2.0 ml	15	N/A -

Part no.	Compatibility	Capacity	€
060951	15 ml centrifuge tubes	4	N/A -
060952	50 ml centrifuge tubes	2	N/A -
062644	Vials or cryotubes 2 ml	15	N/A -
062643	Tubes Ø 12/13 mm	15	N/A -
062645	Cuvettes	8	N/A -

* Not compatible with heating lid block part no. 060998.

Compact dry baths Thermo Scientific ELED

thermo scientific

079643



Delivered without a stand, to be completed with a block of your choice

Model	Compact S	Compact D
Interface	Digital	
Number of blocks	1	2
Temperature range (°C)	Ambient +2 to +100°C	
Accuracy (°C)	± 0.5°C	
Uniformity (°C)	± 0.5°C	
Heating rate from 30 to 100°C	16 min	20 min
Operating mode	Continuous	
Dimensions (L x W x H)(mm)	185 x 185 x 25	200 x 200 x 25
Weight (kg)	1	1.5
Part no.	079643	079644
€	N/A -	N/A -

Blocks

Part no.	Compatibility	Capacity	Surface of the block	€
079645	0.2 ml PCR tubes	24	1/4	N/A -
079646	Microtubes 0.5 ml	12	1/4	N/A -
079647	Microtubes 1.5 ml	6	1/4	N/A -
079648	Microtubes 2.0 ml	6	1/4	N/A -
079649	15 ml centrifuge tubes	6	1/2 (length)	N/A -
079650	50 ml centrifuge tubes	3	1/2 (length)	N/A -
079651	PCR 96-well plate	1	1/1	N/A -

Accessories

Part no.	Designation	€
079652	Heat insulator for bath S	N/A -
079653	Heat insulator for bath D	N/A -
079654	Plastic lid for bath S	N/A -
079655	Plastic lid for bath D	N/A -

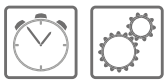
Digital dry baths Thermo Scientific ELED

thermo scientific

- Delivered without a stand, to be completed with a block of your choice

Tactile dry baths

- Optional pt1000 external temperature sensor



According to model





Model	Digital			Touchscreen		
Number of blocks	1	2	4	1	2	4
Temperature range (°C)	Ambient +5 to +130°C					
Accuracy at 37 °C	± 0.5°C					
Uniformity at 37 °C	± 1 °C					
Heating rate from 30 to 130°C	20 min		25	20 min		25
Operating mode	Continuous or timer			Continuous, timer or programming		
Timer	0 to 99min59s					
Programming	-	-	-	10 programmes / 5 steps		
Dimensions (L x W x H) (mm)	288 x 200 x 100	318 x 200 x 100	450 x 200 x 100	373 x 200 x 100	403 x 200 x 100	535 x 200 x 100
Weight (kg)	2.9	3.3	4.7	3.4	3.7	5.1
Part no.	079615	079616	079617	079618	079619	079620
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Blocks for 15 ml and 50 ml centrifuge tubes



Blocks

Part no.	Compatibility	Capacity	€
079621	Tubes Ø 6 mm	48	N/A -
079622	Tubes Ø 10 mm	28	N/A -
079630	Microtubes 0.5 ml	40	N/A -
079623	Microtubes 1.5 ml	28	N/A -
079624	Microtubes 2.0 ml	28	N/A -
079625	Tubes Ø 13 mm	24	N/A -
079626	Tubes Ø 16 mm	15	N/A -
079627	Tubes Ø 18 mm	12	N/A -
079628	Tubes Ø 20 mm	8	N/A -
079629	Tubes Ø 25 mm	6	N/A -
079631	Microplate standard	1	N/A -
079632	Tubes Ø 6 mm Tubes Ø 10 mm	32 21	N/A -

Part no.	Compatibility	Capacity	€
079633	1.5 ml microtubes 2.0 ml microtubes	18 10	N/A -
079634	Tubing Ø 25 mm Tubing Ø 12 mm Tubing Ø 6 mm	3 12 6	N/A -
079635	0.5 ml microtubes 0.2 ml microtubes	30 20	N/A -
079636	Centrifuge tube 15 ml (flat bottom)	15	N/A -
079637	Centrifuge tube 50 ml (flat bottom)	4	N/A -
079638	Centrifuge tube 15 ml (conical bottom)	15	N/A -
079639	Centrifuge tube 50 ml (conical bottom)	4	N/A -
079640	PCR plate 0.2 ml without skirt	1	N/A -
079641	PCR plate 0.2 ml skirt or half-skirt	1	N/A -

Accessory

Part no.	Designation	€
079642	External temperature probe for touch screen models	N/A -

Dry baths Digital Heat Block

- Supplied with block removal tool
- Delivered without a stand, to be completed with a block of your choice

Interface	Digital		
Number of blocks	1	2	4
Temperature range (°C)	Ambient +5 to +150°C		Ambient +5 to +130°C
Accuracy	± 0.2 °C		
Uniformity	± 0.2 °C		
Operating mode	Continuous or timer		
Timer	1 to 999 min		
Dimensions (L x W x H)(mm)	200 x 230 x 80	220 x 270 x 80	220 x 360 x 80
Weight (kg)	2.3	2.8	3.9
Part no.	060916	060917	060918
€	N/A -	N/A -	N/A -



Tip

Find more models on the following page.

Blocks

Part no.	Compatibility	Max. number of of tubes	€
060926	Tubes Ø 15-16 mm	12	N/A -
060931	PCR tubes 0.2ml or strips	48	N/A -
060933	PCR 96-well plate	1	N/A -
060934	PCR plate 96 wells *	1	N/A -
060935	Standard microplate *	1	N/A -
060919	Solid block	-	N/A -

Part no.	Compatibility	Max. number of of tubes	€
060922	Microtubes 0.5 ml	24	N/A -
060920	Microtubes 1.5 ml (conical)	24	N/A -
060921	Microtubes 1.5 and 2.0 ml	24	N/A -
060923	15 ml centrifuge tubes	12	N/A -
062561	50 ml centrifuge tubes	5	N/A -
060924	Tubes Ø 10 mm	20	N/A -
060925	Tubes Ø 13 mm	20	N/A -

* Utilises 2 block slots, incompatible with 1 block models.

Prices are indicative and excluding tax. Visit Dutscher.com

Dry baths Bry Block Heaters IKA

IKA

250352



- Supplied with Pt1000.60 sensor, DIN 12878 connector
- Delivered without a stand, to be completed with a block of your choice

Model	Dry Block Heater 1	Dry Block Heater 2	Dry Block Heater 3	Dry Block Heater 4
Interface	Digital			
Number of blocks	1	2	3	4
Temperature range (°C)	Ambient +5 to +120°C			
Accuracy at 37 °C	± 0.2 °C			
Accuracy at 60 °C	± 0.4 °C			
Uniformity	± 1 °C			
Operating mode	Continuous or timer			
Timer	1min to 99h59min			
Dimensions (L x W x H)(mm)	151 x 228 x 73	151 x 304 x 73	151 x 380 x 73	151 x 456 x 733
Weight (kg)	2	1.3	1.6	2
Part no.	250351	250352	250353	250354
€	N/A -	N/A -	N/A -	N/A -

Blocks

Part no.	Compatibility	Capacity	Depth (mm)	€
250355	Microtubes 0.5 ml	30	27.6	N/A -
250356	Microtubes 1.5 ml	20	36.9	N/A -
250358	Microtubes 1.5 or 2.0 ml	20	38.1	N/A -
250360	Conical tubes 15 ml	12	44.5	N/A -
250361	Conical tubes 50 ml	5	47.6	N/A -
250383	PCR tubes 0.2ml or strips	80	15.5	N/A -
250384	PCR tubes 0.2 ml (individual)	64	20.2	N/A -
250385	PCR plate 96 wells *	1	15.5	N/A -
250387	Microplate standard *	1	13.5	N/A -
250386	Cuvettes Ø 12.5 mm	2 x 6	25.4	N/A -
250362	Test tubes Ø 6 mm Test tubes Ø 12/13 mm Test tubes Ø 25 mm	6 5 3	48.4 48.4 48.4	N/A -
250363	Centrifuge tubes 1.5 ml Centrifuge tubes 15 ml Centrifuge tubes 50 ml	4 3 2	39.1 44.5 47.6	N/A -
250364	Microtubes 0.5 ml Microtubes 1.5 ml Microtubes 2.0 ml	6 10 5	27.6 39.1 38.1	N/A -

Part no.	Compatibility	Capacity	Depth (mm)	€
250365	Tubes round bottom Ø 6 mm	30	48.4	N/A -
250366	Tubes round bottom Ø 10 mm	24	48.4	N/A -
250367	Tubes round bottom Ø 12-13 mm	16	48.4	N/A -
250368	Tubes round bottom Ø 12-13 mm	20	48.4	N/A -
250369	Tubes round bottom Ø 14-15 mm	12	48.4	N/A -
250370	Tubes round bottom Ø 20 mm	8	48.4	N/A -
250371	Tubes round bottom Ø 25 mm	6	48.4	N/A -
250372	Tubes round bottom Ø 35 mm	4	47.6	N/A -
250373	Tubes round bottom Ø 17-18 mm	12	48.4	N/A -
250374	Vials Ø 12 mm	20	30	N/A -
250375	Vials Ø 15 mm	20	35	N/A -
250376	Vials Ø 17 mm	12	45	N/A -
250377	Vials Ø 19 mm	12	45	N/A -
250378	Vials Ø 21 mm	9	45	N/A -
250379	Vials Ø 23 mm	8	45	N/A -
250380	Vials Ø 25 mm	8	45	N/A -
250381	Vials Ø 28 mm	6	45	N/A -
250382	Vials Ø 16 mm	15	45	N/A -

* These blocks are not compatible with the Dry Block Heater 1.

Tip

Find more models on the previous page

Accessories

Part no.	Designation	€
250388	External probe pt1000.60	N/A -
250389	External probe pt1000.90	N/A -

Digital dry baths Grant QBD & QBH

grant

- Supplied without support, to be completed with a block of your choice

Dutscher.com



Model	QBD1	QBD2	QBD4	QBH2
Interface	Digital			
Temperature range (°C)	Ambient +5 to +130°C			Ambient +5 to +200 °C
Accuracy at 37 °C	± 0.1			
Uniformity (°C)	± 0.1			
Heating rate 25 to 100°C	20 min			15 min
Standard capacity	1 block	2 blocks	4 blocks	2 blocks
Operating mode	Continuous or timer			
Timer	1 to 999 minutes / delayed start up to 72h			
Dimensions (l x w x h) (mm)	200 x 230 x 100	200 x 280 x 100	200 x 380 x 100	200 x 280 x 100
Weight (kg)	2.2	2.7	3.6	3
Part no.	144331	144332	144333	144334
€	N/A -	N/A -	N/A -	N/A -

Blocks

Part no.	Compatibility	Capacity	€
144307	Solid block	-	N/A -
144308	Tubes Ø 10 mm	24	N/A -
144309	Tubes Ø 12 mm	24	N/A -
144310	Tubes Ø 13 mm	12	N/A -
144311	Tubes Ø 16 mm and 15 ml centrifuge tubes	12	N/A -
144312	Tubes Ø 18 mm	12	N/A -
144313	Tubes Ø 24 mm	5	N/A -
144314	Tubes Ø 29 mm and 50 ml centrifuge tubes	4	N/A -

Blocks

Part no.	Compatibility	Capacity	€
144315	PCR tubes 0.2 ml and strips	56	N/A -
144316	Microtubes 0.5 ml	24	N/A -
144317	Microtubes 1.5 ml	24	N/A -
144318	Microtubes 2.0 ml	24	N/A -
144812	Microtubes 5 ml	12	N/A -
144339	Standard microplates with heated lid *	1	N/A -
144340	PCR plates 0.2 ml or tubes *	1	N/A -

Accessories

Part no.	Designation	€
144335	Cover for QBD1	N/A -
144336	Cover for QBD2 and QBH2	N/A -
144337	Cover for QBD4	N/A -
144338	External temperature sensor	N/A -

Dry baths series BH-200 Cole-Parmer

Cole-Parmer
an antylia scientific company

- Delivered without a stand, to be completed with a block of your choice

001150B



Model	BH-200-2	BH-200D-2	BH-200DC-2	BH-200D-3	BH-200D-2-HT	BH-200DC-2-HT	BH-200D-3-HT
Interface	Analog	Digital					
Number of blocks	2	2	2 (independant)	3	2	2 (independant)	3
Temperature range (°C)	Ambient +8 to 130°C				Ambient +8 to 200°C		
Accuracy at 37 °C	± 0.1 °C						
Uniformity at 37 °C	± 0.1 °C						
Uniformity at 130 °C	± 1 °C						
Operating mode	Continuous						
Dimensions (L x W x H)(mm)	280 x 235 x 115			280 x 310 x 115	280 x 235 x 115		280 x 310 x 115
Weight (kg)	2.1	2.3	2.9	3.2	2.3	2.9	3.2
Part no.	001152B	001150B	001184B	491087B	001151B	491086B	001183B
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Blocks

Part no.	Compatibility	Capacity	Depth (mm)	€
001146	Microtubes 0.5 ml	30	Conical	N/A -
001144	Microtubes 1.5 ml	20	15 / conical	N/A -
001142	Microtubes 2.0 ml	20	33	N/A -
001138	Tubes Ø 10 mm	20	47	N/A -
001139	Tubes Ø 12 mm	20	47	N/A -
001185	Tubes Ø 12 mm	20	33	N/A -
001186	Tubes Ø 13 mm	20	47	N/A -
001140	Tubes Ø 16 mm	12	47	N/A -
001141	Tubes Ø 19 mm	8	47	N/A -
001176	Tubes Ø 25 mm	6	47	N/A -
001177	Tubes Ø 28 mm	6	47	N/A -
001178	Tubes Ø 30 mm	4	47	N/A -
001179	Tubes Ø 33 mm	4	47	N/A -
001187	0.2 ml PCR tubes	48	Conical	N/A -
001180	8-PCR tube strips	10	Conical	N/A -

Part no.	Compatibility	Capacity	Depth (mm)	€
001181	PCR 96-well plate	1	Conical	N/A -
001182	PCR 384-well plate	1	Conical	N/A -
001173	Solid block	-	-	N/A -
001143	Spectro tanks	-	-	N/A -

Accessories

Part no.	Designation	€
001481	Transparent lid for 2-block bath	N/A -
001482	Transparent lid for 3-block bath or 2 independent blocks	N/A -

Bead baths heating and/or cooling

Bead baths heating and/or cooling LabArmor

- Minimise the risks of cross-contamination
- Non-evaporating, continuous use 24/7
- Supplied with cover

LabArmor Ball Baths with Peltier Effect:

- Peltier technology for faster heating and cooling
- Viewing window cover
- Supplied with 7L aluminium containers

Dutscher.com



Model	M706	M714	M720	Peltier 7l	Peltier 14l
Interface	Digital				
Volume (l)	6	14	20	7.4	14.8
Log capacity (l)	5	12	15	5	10
Int. dimensions (l x w x h)(mm)	305 x 155 x 152	305 x 307 x 152	305 x 434 x 152	318 x 154 x 152	(2x) 318 x 154 x 152
Temperature range (°C)	Ambient +5 to +80°C			+2 °C to +70 °C	
Uniformity at 4 °C	-	-	-	± 0.4 °C	± 0.5 °C
Uniformity at 37 °C	± 0.5°C				
Uniformity at 65 °C	± 1 °C			± 1.5 °C	± 1.3 °C
Operating mode	Continuous				
Ext. dimensions (L x W x H) (mm)	404 x 312 x 216	404 x 470 x 216	404 x 593 x 216	408 x 562 x 308	772 x 615 x 310
Weight (kg)	13.6	29	38.5	21.2	36.7
Part no. bath + beads	582004	582006	582008	582031	582033
€	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. bath only	582005	582007	582009	582030	582032
€ block	N/A -	N/A -	N/A -	N/A -	N/A -

Beads

Part no.	Vol. bottle of beads (l)	€
582000	0.75	N/A -
582001	2	N/A -
582002	4	N/A -
582003	8	N/A -

LabArmor Peltier Bath Baskets

Part no.	Designation	€
582034	Alu. basket 3l*	N/A -
582035	Alu. basket 7 l	N/A -
582036	Copper basket 3l*	N/A -
582037	Copper basket 7l	N/A -

* Two 3L containers per location.

Prices are indicative and excluding tax. Visit Dutscher.com

Combined water / bead bath

Water or bead baths Beadbath Duo



- Selection of the operating medium (water or beads) with a single press of a button

Model	BeadBath Duo 2L	BeadBath Duo 10L
Interface	Digital	
Volume (l)	2	10
Internal dimensions (L x W x H)(mm)	140 x 152 x 102	241 x 300 x 155
Temperature range water mode (°C)	Ambient +5 to +80°C	
Temperature range bead mode (°C)	Ambient +5 to +70°C	
Homogeneity water mode (°C)	± 0.2	
Homogeneity bead mode (°C)	± 0.9	
Operating mode	Continuous	
Ext. dimensions (W x D x H) (mm)	165 x 203 x 152	274 x 406 x 305
Weight (kg)	2	6.8
Part no.	162526	162527
€	N/A -	N/A -

Water baths

Water baths Lauda Hydro

LAUDA



- TFT colour screen
- Stainless steel tank
- Level alarms, temperature and sensor fault
- Lid preventing condensation droplets
- Drain valve on all models
- Supplied with a stainless steel hinged lid and perforated base

Tip

Find the accessories (level regulator, racks...) at Dutscher.com

Model	H 4	H 8	H 16	H 22	H 24	H 41
Interface	Digital					
Volume (l)	3.5	7	13.9	20.3	20.9	37.9
Internal dimensions (L x W x H) (mm)	245 x 100 x 165	245 x 200 x 165	400 x 245 x 165	400 x 245 x 225	600 x 245 x 165	410 x 296 x 335
Height under lid (mm)	218					388
Temperature range (°C)	Ambient +5 to 99.9°C					
Temperature accuracy (°C)	0.1					
Temperature uniformity (°C)	± 0.1					
Heating power (kW)	0.5	1	1.5	1.5	1.5	1.5
Operating mode	Continuous or timer					
Timer	Up to 999h59min					
Ext. dimensions (W x D x H) (mm)	340 x 290 x 275	340 x 395 x 275	500 x 440 x 275	500 x 440 x 345	700 x 440 x 275	510 x 490 x 476
Weight (kg)	7.4	9.3	13.3	14.9	17.2	21.2
Part no.	910939	910940	910941	910944	910942	910943
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Mini water bath 6l



- Stainless steel tank
- Supplied with a stainless steel lid and a clip for a thermometer

Interface	Analog
Volume (l)	6
Internal dimensions (L x W x H)(mm)	320 x 170 x 175
Temperature range (°C)	Ambient +5 to +100°C
Heating power (kW)	0.55
Operating mode	Continuous
Ext. dimensions (W x D x H) (mm)	360 x 275 x 320
Weight (kg)	7.7
Part no.	096582B
€	N/A -

Pura Julabo bain-marie

Julabo

- Very bright LED screen
- Splash-proof switch
- Dry-running protection system
- Smooth bowl for easy cleaning
- Front-mounted drain tap for 10-litre baths and larger
- Supplied with fixed base support

High quality, practical, durable

Dutscher.com





Interface	Digital				
Volume (l)	4	10	14	22	30
Internal dimensions (L x W x H)(mm)	120 x 270 x 140	220 x 270 x 140	330 x 270 x 140	550 x 270 x 180	770 x 270 x 180
Rack capacity	1	2	3	5	7
Temperature range (°C)	Ambient +5 to +99.9°C				
Temperature accuracy (°C)	0.1				
Temperature stability (°C)	± 0.15				
Heating power (kW)	0.5	1.2	1.8	2	2
Operating mode	Continuous or timer				
Timer	0 to 999 min				
Ext. dimensions (W x D x H) (mm)	210 x 350 x 220	310 x 350 x 220	420 x 350 x 220	640 x 350 x 260	860 x 350 x 260
Weight (kg)	4.9	7	8.5	11.5	14.5
Part no.	068293	068294	068295	068296	068297
€	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. curved lids	068309	068310	068311	068312	068313
€	N/A -	N/A -	N/A -	N/A -	N/A -

Tube racks

Part no.	Compatibility	Capacity	€
068106	Tubes Ø 16-17 mm x h.100 mm	60	N/A -
068107	Tubes Ø 12-13 mm x h.75	90	N/A -
068108	Tubes Ø 30 mm	21	N/A -

Tip

Find all accessories (anti-evaporation balls, opening covers, cooling coils, etc.) on Dutscher.com

Water baths WTB Memmert

memmert

- Touch screen 3.5" colour
- Independent temperature limiter for heating shutdown in case of anomaly
- Stainless steel tank with rounded corners for easy cleaning
- Front-facing drain valve
- Supplied with cover
- Supplied without a base grid, must be completed with a grid or rack as required

3 YEARS WARRANTY



Tip

Find more models on the following page.

Tip

Find the accessories (cooling blocks, circulation pump, stirred elements, and racks...) on Dutscher.com

Model	WTB6	WTB11	WTB15	WTB24	WTB35	WTB50
Interface	Digital					
Volume (l)	7	10	17	23	37	51
Internal dimensions (L x W x H)(mm)	277 x 217 x 150	267 x 207 x 200	482 x 277 x 150	472 x 267 x 200	602 x 482 x 150	592 x 472 x 200
Temperature range (°C)	Ambient +5 to +100°C					
Temperature accuracy (°C)	0.1					
Heating power (kW)	1	1	1.42	1.42	2.8	2.8
Operating mode	Continuous					
Ext dim (l x w x h) (mm)	479 x 289 x 375	479 x 289 x 425	749 x 349 x 375	749 x 349 x 425	868 x 554 x 375	868 x 554 x 425
Weight (kg)	11	12	18	20	30	30
Part no.	912084B	912085B	912086B	912087B	912088B	912089B
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Stainless steel lid with openings	912703	912704	912705	912706	912707	912708
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Double-sided background grid (30/60mm)	912551	912552	912553	912554	912555	912556
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Water baths Sub Aqua Pro, JB Nova and JB Academy Grant

grant



144758

Dutscher.com

Digital display water baths available in 3 ranges

Water baths JB Academy

- Possibility of single-point calibration
- Lockable control panel
- Supplied with a polycarbonate base plate
- Supplied without a lid, to be completed with a lid of your choice

Model	JBA5	JBA12	JBA18
Interface	Digital		
Volume (l)	5	12	18
Internal dimensions (l x p x h) (mm)	131 x 281 x 115	281 x 306 x 115	485 x 281 x 115
Temperature range (°C)	Ambient +5 to +95°C		
Temperature accuracy (°C)	0.5		
Temperature stability at 70°C (°C)	± 0.5		
Heating power (kW)	0.35	0.8	1.4
Operating mode	Continuous		
Ext dim (l x w x h) (mm)	315 x 335 x 200	365 x 360 x 225	570 x 335 x 275
Weight (kg)	3	6	9
Part no.	144763	144764	144765
€	N/A -	N/A -	N/A -

Water baths JB Nova

- Calibratable to 1 point
- Dry-running protection system
- Lockable control panel
- Front-mounted drain tap from the 12l bath
- Supplied with a base tray made of polycarbonate and a transparent polycarbonate lid

Model	JBN5	JBN12	JBN18	JBN26
Interface	Digital			
Volume (l)	5	12	18	26
Internal dimensions (L x W x H)(mm)	131 x 281 x 115	281 x 306 x 115	485 x 281 x 115	481 x 278 x 165
Temperature range (°C)	Ambient +5 to +95°C			
Temperature accuracy (°C)	0.5			
Temperature stability at 70°C (°C)	± 0.5			
Heating power (kW)	0.35	0.8	1.4	1.4
Operating mode	Continuous			
Ext dim (l x w x h) (mm)	215 x 335 x 200	380 x 360 x 225	590 x 335 x 275	590 x 335 x 275
Weight (kg)	3	6	9	9
Part no.	144759	144760	144761	144762
€	N/A -	N/A -	N/A -	N/A -

Tip

Find accessories (tube holders, base plates, lids...) on Dutscher.com

Water baths Sub Aqua Pro

- Two-point calibration
- Dry-running protection system
- Lockable control panel
- Front-mounted drain tap from the 12l bath
- Supplied with a base tray made of polycarbonate (except for the 34L model, which has a stainless steel base tray) and a transparent polycarbonate lid

Model	SAP2	SAP2S	SAP5	SAP12	SAP18	SAP26	SAP34	SAPD
Interface	Digital							
Volume (l)	2	2	5	12	18	26	34	5 & 12
Internal dimensions (L x W x H) (mm)	117 x 131 x 115	139 x 289 x 40	131 x 281 x 115	281 x 306 x 115	485 x 281 x 115	481 x 278 x 165	635 x 281 x 160	131 x 281 x 115 & 281 x 306 x 115
Temperature range (°C)	Ambient +5 to +99°C							
Temperature accuracy (°C)	0.1							
Temperature stability at 70°C (°C)	± 0.2							
Heating power (kW)	0.25	0.35	0.35	0.8	1.4	1.4	1.8	1.15
Operating mode	Continuous or timer							
Timer	1 to 999 min							
Ext dim (l x w x h) (mm)	200 x 185 x 200	215 x 335 x 150	215 x 335 x 200	380 x 360 x 225	590 x 335 x 275	590 x 335 x 275	770 x 335 x 275	380 x 545 x 225
Weight (kg)	2.5	3	3	6	9	9	14.5	9
Part no.	144751	144752	144753	144754	144755	144756	144757	144758
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

LabPro SLS Water Baths

SCIENTIFIC LABORATORY SUPPLIES

- Overheating alarm
- Antimicrobial coating
- Drain tap from 10l bath
- Supplied with a transparent polycarbonate lid (except 2L model)

Interface	Digital				
Volume (l)	2	4	14	22	28
Internal dimensions (L x W x H) (mm)	300 x 150 x 65	300 x 150 x 150	325 x 300 x 150	500 x 300 x 150	500 x 300 x 200
Temperature range (°C)	Ambient +5 to +99°C				
Temperature accuracy (°C)	0.1				
Temperature uniformity (°C)	± 0.1				
Temperature stability (°C)	± 0.2				
Operating mode	Continuous				
Ext. dimensions (W x D x H) (mm)	332 x 185 x 135	332 x 185 x 290	36 x 332 x 290	538 x 332 x 290	
Weight (kg)	5.5	5.5	8	11	11
Part no. water baths	257096	257097	257098	257099	257100
€	N/A -	N/A -	N/A -	N/A -	N/A -



Water baths series N3

- Supplied without lid

Model	N3-4	N3-8	N3-12
Interface	Digital		
Volume (l)	4	8	12
Internal dimensions (L x W x H) (mm)	238 x 135 x 146	325 x 265 x 150	325 x 265 x 200
Temperature range (°C)	Ambient +10 to +99.9°C		
Temperature accuracy (°C)	0.1		
Temperature uniformity (°C)	± 0.2		
Temperature stability (°C)	± 0.5 (<80°C) / ± 0.8 (>80°C)		
Heating power (kW)	0.5	0.6	0.8
Operating mode	Continuous		
Ext dim (l x w x h) (mm)	238 x 200 x 250	445 x 285 x 316	
Weight (kg)	8.5	10.5	
Part no.	865026	865096	865097
€	N/A -	N/A -	N/A -



Serology baths

Serology baths

- Supplied bare, to be completed with a lid, a holder, or a thermometer

Model	BMP30	BMP60
Interface	Analog	
Volume (l)	3	6
Internal dimensions (L x W x H)(mm)	280 x 110 x 80	290 x 110 x 190
Rack capacity	1	2
Temperature range (°C)	Ambient +7 to +60°C Factory presets: +37 and +57°C	
Heating power (kW)	0.25	
Operating mode	Continuous	
Ext. dimensions (W x D x H) (mm)	360 x 120 x 130	370 x 150 x 210
Weight (kg)	1.5	2
Part no.	069663	069665
€	N/A -	N/A -
Part no. lid	069664	069666
€	N/A -	N/A -



Accessories

Part no.	Designation	€
069667	Rack for 30 tubes Ø 12-14 mm	N/A -
069698	Rack for 30 tubes Ø 20 mm	N/A -
069668	Angled alcohol thermometer up to +70°C	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Stirred baths LSB & OLS Aqua Pro Grant



According to model

- Supplied with polycarbonate lid and universal spring platform

Agitated bath OLS26:

- Seamless transition between orbital agitation and reciprocation

Model	LSB12	LSB18	OLS 26
Interface	Digital		
Volume (l)	12	18	26
Internal dimensions (l x p x h) (mm)	235 x 240 x 93	235 x 420 x 93	235 x 380 x 134
Temperature range (°C)	Ambient +5 to +99°C		
Temperature uniformity (°C)	± 0.1		
Temperature stability (°C)	± 0.1		
Heating power (kW)	0.8	1.4	
Type of shaker	Reciprocating		Orbital or reciprocating
Speed (rpm)	20 - 200		
Reciprocating amplitude (mm)	20		18, 28 or 36
Orbital amplitude (mm)	-	-	9
Operating mode	Continuous or timer		
Timer	1 to 999 min		
Ext. dimensions (W x D x H) (mm)	335 x 360 x 275	335 x 565 x 275	335 x 565 x 325
Weight (kg)	9.2	11.2	13.8
Part no.	144784	144785	144783
€	N/A -	N/A -	N/A -
Accessories			
Platform for clamps	144792	144793	144794
€	N/A -	N/A -	N/A -
Platform for rack	144789	144790	144791
€	N/A -	N/A -	N/A -

Dutscher.com

Clamps for Erlenmeyer flasks and microplates

Part no.	Designation	Capacity with lid LSB12	Capacity with lid LSB18	Capacity with lid OLS 26	€
144805	Clamp for 25 ml Erlenmeyer flask	18	33	28	N/A -
144806	Clamp for 50 ml Erlenmeyer flask	14	26	24	N/A -
144807	Clamp for 100 ml Erlenmeyer flask	9	17	15	N/A -
144808	Clamp for 250 ml Erlenmeyer flask	5	14	8	N/A -
144809	Clamp for 500 ml Erlenmeyer flask	4	6	6	N/A -
144810	Clamp for 1000 ml Erlenmeyer flask	2	4	3	N/A -
144811	Clamp for microplate or deepwells	2	4	4	N/A -

Tube racks

Part no.	Designation	Capacity with lid LSB12	Capacity with lid LSB18	Capacity with lid OLS 26	€
144803	Rack for 119 x 0.5 ml microtubes	3	5	5	N/A -
144804	Rack for 48 x 1.5 ml microtubes	3	5	5	N/A -
144797	Rack for 48 tubes Ø 10 mm	3	5	5	N/A -
144798	Rack for 44 tubes Ø 13 mm	3	5	5	N/A -
144799	Rack for 24 tubes Ø 16 mm	3	5	5	N/A -
144800	Rack for 21 tubes Ø 19 mm	3	5	5	N/A -
144801	Rack for 12 tubes Ø 25 mm	3	5	5	N/A -
144802	Rack for 10 tubes Ø 30 mm	3	5	5	N/A -

Shaking bath Nuve ST30



- Stainless steel tank
- Supplied without support, to be completed with racks for tubes or platforms for Erlenmeyer flasks

Interface	Digital
Volume (l)	30
Internal dimensions (L x W x H)(mm)	300 x 505 x 200
Temperature range (°C)	Ambient +5 to +99.9°C
Temperature accuracy (°C)	0.1
Temperature uniformity (°C)	± 0.1
Temperature stability (°C)	± 0.3
Heating power (kW)	0.75
Type of shaker	Reciprocating
Speed (rpm)	20 - 250
Mode of operation	Continuous, timer
Timer	1 min to 99.9 h
Ext. dimensions (W x D x H) (mm)	335 x 630 x 405
Weight (kg)	19
Part no.	001602
€	N/A -

Racks for tubes and holders for Erlenmeyer flasks

Part no.	Designation	€
001605	Rack for 52 tubes Ø 13 mm l. 70 mm	N/A -
001606	Rack for 30 tubes Ø 16 mm l. 70 mm	N/A -
001607	Rack for 27 tubes Ø 18 mm l. 70 mm	N/A -
001608	Rack for 12 tubes Ø 30 mm l. 70 mm	N/A -
001611	Tray for 6 Erlenmeyer flasks 100 ml	N/A -
001609	Tray for 12 Erlenmeyer flasks 100 ml	N/A -
001610	Tray for 6 Erlenmeyer flasks 250 ml	N/A -
001612	Tray for 4 Erlenmeyer flasks 500 ml	N/A -
001613	Tray for 2 Erlenmeyer flasks 1000 ml	N/A -

Accessories

Part no.	Designation	€
001603	Stainless steel cover	N/A -
001604	Plexiglass cover	N/A -

Stirred water baths SW Series

Julabo

- Remotely controllable via RS232C connection
- Drain tap on the left side of the device
- Removable stirring base and carriage
- Supplied without support, to be completed with a shaking platform and/or racks

Model	SW22	SW23
Interface	Digital	
Volume (l)	20	
Internal dimensions (L x W x H)(mm)	500 x 300 x 180	
Temperature range (°C)	Ambient +5 to +99.9°C	
Temperature stability (°C)	± 0.2	± 0.02
Heating power (kW)	2	
Type of shaker	Reciprocating	
Speed (rpm)	20 - 200	
Amplitude (mm)	15	
Operating mode	Continuous, timer	
Timer	1min to 9h59min	
Ext. dimensions (W x D x H) (mm)	350 x 700 x 260	
Weight (kg)	19.7	20.7
Part no.	067722	067723
€	N/A -	N/A -

SW 22



Tray and spring clamps for Erlenmeyer flasks

Part no.	Designation	€
067733	Base plate for spring clamps	N/A -
067734	Spring clamp for Erlen 10 ml	N/A -
067735	Spring clamp for Erlen 25 ml	N/A -
067736	Spring clamp for Erlen 50 ml	N/A -
067737	Spring clamp for Erlen 100 ml	N/A -
067738	Spring clamp for Erlen 200-250 ml	N/A -
067739	Spring clamp for Erlen 300 ml	N/A -
067740	Spring clamp for Erlen 500 ml	N/A -
067741	Spring clamp for Erlen 1000 ml	N/A -

Tray and racks for Tubes

Part no.	Designation	€
067746	Base tray for 4 racks	N/A -
067747	Rack for 60 tubes Ø 16/17 mm	N/A -
067748	Rack for 90 tubes Ø 12/13 mm	N/A -
067749	Rack for 90 microtubes 1.5/2ml	N/A -

Universal spring tray

Part no.	Designation	€
067929	Universal spring tray	N/A -

Accessories

Part no.	Designation	€
067724	Cable RS232C 3m	N/A -
067725	Makrolon lid	N/A -
067887	Stainless steel cover	N/A -

Shaking baths Lauda H 20 series

LAUDA

- Stainless steel tank
- Drain tap on the left side of the device
- Supplied with hinged lid
- Delivered without support, to be completed with a shaker platform and racks or clamps

Agitated baths H20SW & H20SOW:

- Integrated cooling coil for operation below ambient temperature (requires an external cooling circuit)

Model	H 20 S	H 20 SW	H 20 SOW
Interface	Digital		
Volume (l)	24.4		23.1
Internal dimensions (L x W x H) (mm)	450 x 300 x 160		
Temperature range (°C)	Ambient +5 to +99.9°C	Ambient +5 to +99.9°C (min. +10°C with external cooling)	
Temperature stability (°C)	± 0.1		
Heating power (kW)	1.5		
Type of shaker	Reciprocating		Orbital
Speed (rpm)	10 - 250		
Amplitude (mm)	22		14
Operating mode	Continuous		
Ext. dimensions (W x D x H) (mm)	715 x 520 x 330		635 x 505 x 400
Weight (kg)	28	30	35
Part no.	910647	910823	910648
€	N/A -	N/A -	N/A -



910647

Trays

Part no.	Designation	€
910899	Universal tray for clamps and holders	N/A -
910900	Complete tray for 243 tubes Ø 16/17 mm	N/A -
910901	Complete tray for 63 tubes Ø 31 mm	N/A -

Tube racks

Part no.	Compatibility	Capacity	€
910904	Rack for 20 tubes Ø 12/17 mm	4	N/A -
910905	Rack for 12 tubes Ø 25/29 mm	3	N/A -

Clamps for Erlenmeyers

Part no.	Compatibility	Capacity	€
910659	Clamp for 25 ml Erlenmeyer flask	52	N/A -
910660	Clamp for 50 ml Erlenmeyer flask	33	N/A -
910661	Clamp for 100 ml Erlenmeyer flask	22	N/A -
910662	Clamp for 200 ml Erlenmeyer flask	15	N/A -
910844	Clamp for 250-300 ml Erlenmeyer flask	13	N/A -
910663	Clamp for 500 ml Erlenmeyer flask	10	N/A -
910664	Clamp for 1000 ml Erlenmeyer flask	6	N/A -

Tip
Also find the Memmert water baths and their shaking frame option on page 1515 and at Dutscher.com

Prices are indicative and excluding tax. Visit Dutscher.com

Aqua-Stabil water bath disinfectants



- Bactericide, algicide
- Colouration: blue
- Dosage: 2 ml per litre of bath
- Stability: 80 °C
- Duration of efficacy: 3 months (or when the colour fades)

Part no.	Designation	Units/ box	€/ box
067752	Aqua-Stabil disinfectant 100 ml bottle	12	N/A -
067752A	Aqua-Stabil disinfectant 100 ml bottle	1	N/A -

Water bath disinfectants Aquanet



- Bactericide
- Components: didecyldimethylammonium chloride, benzalkonium chloride
- Colouration: blue
- Dosage: 10 ml per 3 litres of bath
- Stability: 135 °C
- Duration of efficacy: 2 months

Part no.	Designation	€
063103	Aquanet disinfectant 100 ml bottle	N/A -
063104	Aquanet disinfectant 1 l bottle	N/A -

Water bath disinfectant Aquabator-Clean



- Bactericide
- Colour: colourless
- Dosage: 10 ml per litre of bath
- Stability: 100 °C
- Duration of efficacy: 1 to 2 weeks
- Replace the water every 4 to 6 weeks
- Biodegradable

Part no.	Designation	€
670935	Disinfectant bottle 250 ml Aquabator-Clean	N/A -

Water bath disinfectant Rea-Stabil



- Bactericide
- Components: biguanide surfactants and dyes
- Colouration: blue
- Dosage: 1 ml per litre of bath
- Stability: 70 °C
- Duration of efficacy: 2 to 3 months
- Biodegradable, non-toxic

Part no.	Designation	€
074022	Rea-Stabil disinfectant bottle 200 ml	N/A -

Bath accessories

- Ensuring the maintenance of containers in semi-immersion within baths
- Vinyl coating









Weighted threads

- Flexible for compatibility with any container

Part no.	Weight (g)	Ø (mm)	€
085866	114	6.4	N/A -
085867	176	8	N/A -

Weighted supports

- Four-pronged clamp designed for secure gripping

Part no.	Compatibility	Weight (g)	Ø (mm)	€
085872	Beakers 100 ml	65	60	N/A -
085873	Beakers 250 ml	237	80	N/A -

Weighted rings for bottles

- Red closed rings or blue open rings

Compatibility	Weight (g)	Ext. Ø (mm)	inn. Ø (mm)	Red closed rings Part no.	Red closed rings €	Blue open rings Part no.	Blue open rings €
Test tubes 5 - 10 ml	165	51	19	085860	N/A -	-	-
Bottles 125 - 500 ml	237	76	43	085861	N/A -	037626	N/A -
Bottles 250 - 1000 ml	454	89	51	085862	N/A -	037627	N/A -
Bottles 500 - 2000 ml	681	102	56	085863	N/A -	037628	N/A -
Bottles 1000 - 4000 ml	908	114	71	085864	N/A -	037629	N/A -

Storage supports for weighted rings

Part no.	Compatibility	H (mm)	€
085865	All rings	220	N/A -

Insulating beads for water baths

- Made of polypropylene
- Form a uniform layer on the surface of the baths
- Limit the evaporation of the liquid
- Improve uniformity
- Suitable for use up to 100°C

Part no.	Designation	Units/ box	€/ box
144342	Insulating spheres Ø 20 mm	300	N/A -
067886	Insulating spheres Ø 20 mm	1 000	N/A -



Thermal liquids for water baths and thermostatic baths

Heat transfer fluids Julabo Thermal

Julabo

- Allow work at very high or very low temperatures
- Good thermal conductivity
- Minimal odours

Part no.	Designation	Operating temperature	Base composition	Volume (l)	€
067902	Thermal G	-30 to +80 °C	Water-glycol	5	N/A -
067901				10	N/A -
068001	Thermal M	+70 to +170 °C	Alcohol ethoxylate	5	N/A -
067874	Thermal HY	-80 to +55 °C	Silicone	10	N/A -
067928				5	N/A -
068188				10	N/A -
067904	Thermal H5	-50 to +105 °C	Silicone	5	N/A -
067903	Thermal H10	-40 to +180 °C	Silicone	10	N/A -
067913				5	N/A -
068191				10	N/A -
067918	Thermal H20S	0 to +220 °C	Silicone	5	N/A -
068189	Thermal HS	+50 to +250 °C	Silicone	10	N/A -
068008				5	N/A -
068122				10	N/A -



Tip

RISKS:

Silicone-based fluids
are not suitable for use with silicone tubing,
as they can cause dissolution.
Use them only with Viton or PTFE hoses.

Lauda thermal liquids

LAUDA

- For high precision at extreme temperatures
- Good thermal conductivity



Thermal liquids for sub-zero temperatures

Part no.	Designation	Operating temperature	Volume (l)	€
245465	Kryo 95	-95 to +60 °C	5	N/A -
245466			10	N/A -
245467			20	N/A -
245468	Kryo 60	-60 to +60 °C	5	N/A -
245469			10	N/A -
245470			20	N/A -
245471	Kryo 51	-50 to +120 °C	5	N/A -
245472			10	N/A -
799491			20	N/A -
245473	Kryo 30	-30 to +90 °C	5	N/A -
499699			10	N/A -
245474			20	N/A -
245475	Kryo 20	-20 to +170 °C	5	N/A -
245476			10	N/A -
245477			20	N/A -

Thermal fluids for positive temperatures

Part no.	Designation	Operating temperature	Volume (l)	€
245478	Aqua 90	+5 to +90 °C	5	N/A -
245479			10	N/A -
245480			20	N/A -
245481	Therm 160	+60 to +160 °C	5	N/A -
245482			10	N/A -
245483			20	N/A -
245484	Therm 180	+0 to +180 °C	5	N/A -
245485			10	N/A -
245486			20	N/A -
245487	Therm 250	+50 to +250 °C	5	N/A -
245488			10	N/A -
245489			20	N/A -
245490	Ultra 350	+30 to +200 °C	5	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Julabo thermostatic bath tanks

Julabo

068081



068084



Polycarbonate tanks

- Can be used up to 100°C

Part no.	Vol. (l)	Drain valve	Int. dim. (l x w x h)(mm)	Ext. dim. (l x w x h)(mm)	€
068078	5	No	150 x 150 x 150	230 x 380 x 160	N/A -
068079	9	No	230 x 150 x 150	320 x 380 x 160	N/A -
068080	19	No	300 x 350 x 150	380 x 580 x 160	N/A -
068081	27	No	300 x 350 x 200	380 x 580 x 210	N/A -

Stainless steel tanks

- Can be used up to 150°C

Part no.	Vol. (l)	Drain valve	Int. dim. (l x w x h)(mm)	Ext. dim. (l x w x h)(mm)	€
068082	5	No	150 x 150 x 150	230 x 380 x 190	N/A -
068083	13	Yes	300 x 180 x 150	380 x 400 x 200	N/A -
068084	17	Yes	300 x 180 x 200	380 x 400 x 250	N/A -
068085	19	Yes	300 x 350 x 150	380 x 580 x 200	N/A -
068086	27	Yes	300 x 350 x 200	380 x 580 x 250	N/A -
068087	33	Yes	660 x 320 x 150	910 x 360 x 210	N/A -
068088	39	Yes	330 x 300 x 300	540 x 340 x 350	N/A -

Transparent methacrylate tanks



- Can withstand temperatures up to 60°C
- Used with thermostats fixed with clips or clamps

Part no.	Capacity (l)	H x W x D (cm)	Wall thickness (mm)	€
068577	8	15 x 18 x 31	6	N/A -
068578	9.5	14.5 x 16.5 x 39	6	N/A -
068579	13	15 x 23 x 40	8	N/A -
068580	30	20 x 30 x 50	8	N/A -

Stainless steel tanks



Metal tanks for thermostat. Double wall.
Stainless steel AISI 304 exterior and AISI 310 interior.

Part no.	Vol. (l)	Handles + tap	Int. H x W x D (cm)	Ext. H x W x D (cm)	Weight (kg)	€
068524	9	No	15 x 29 x 22	20 x 34 x 28	3.5	N/A -
068525	12	No	15 x 30 x 31	20 x 37 x 35	4.3	N/A -
068526	20	Yes	15 x 48 x 30	20 x 55 x 35	6.6	N/A -
068527	27	Yes	20 x 48 x 30	25 x 55 x 35	7.6	N/A -
068528	45	Yes	15 x 62 x 50	23 x 70 x 56	11	N/A -

Grant immersion thermostats

grant



144661 144662

144663 144664

- To be completed with a fixation clamp

Immersion thermostats TX150 & TXF200:

- USB and RS232 interface for computer control or data extraction

Model	T100	TC120	TX150	TXF200
Interface	Digital			
Maximum volume (l)	50			
Temperature range (°C)	Ambient +5 to +100°C	Ambient +5 to +120°C	Ambient +5 to +150°C	Ambient +5 to +200°C
Temperature accuracy (°C)	0.1		0.1 (0.01 with PC Labwise software)	
Temperature uniformity (°C)	± 0.1		± 0.05	
Temperature stability (°C)	± 0.05		± 0.01	
Heating power (kW)	1290		1840	
Pt1000 probe port	No		Yes	
External pump flow rate (l/min)	-	16	18	22 (adjustable)
External pump pressure (mbar)	-	210	310	530
Operating mode	Continuous	Continuous or timer	Continuous, timer or programme	
Timer	-	1min to 99h59min		
Programming	-	-	1 programme / 30 steps	10 programmes / 100 steps
Dim. (W x D x H) (mm)	333 x 170 x 120	333 x 172 x 141	342 x 172 x 141	
Weight (kg)	2.1	2.3	2.6	
Part no.	144661	144662	144663	144664
€	N/A -	N/A -	N/A -	N/A -

Tip Find the accessories (cooling coil, software...) on Dutscher.com

According to model

Accessory

Part no.	Designation	€
144853	Fixation clamp	N/A -

Immersion thermostats Julabo Corio and Dyneo

Julabo

- To be completed with a cooling coil for work below ambient temperature
- Supplied with a clamp suitable for straight panels up to 30 mm

Thermostats Corio CD, CP and Dyneo DD

- USB connection (and RS232 for the CP model) for remote control
- Seamless transition between internal and external circuits enabled by the optional pump set

Model	Corio C	Corio CD	Corio CP	Dyneo DD
Interface	Digital			
Maximum volume (l)	30	50		
Immersion depth (mm)	75 to 165			
Temperature range (°C)	Ambient to +100 °C	Ambient to +150 °C	Ambient to +200 °C	
Temperature accuracy (°C)	0.1			
Temperature stability (°C)	± 0.03		± 0.02	± 0.01
Heating power (kW)	2			
Pt1000 probe port	No			Yes
External pump flow rate (l/min)	-	15 *	8 - 27 *	
External pump pressure (mbar)	-	350 *	100 - 700 *	
Operating mode	Continuous			Continuous, timer or programme
Timer	-	-	-	0 to 99h59min
Programming	-	-	-	8 programs / 60 stages
Dim. (W x D x H)(mm)	132 x 160 x 362			132 x 160 x 355
Weight (kg)	1.9	2.6	2.5	2.5
Part no.	068048	068058	068400	068260
€	N/A -	N/A -	N/A -	N/A -

* Only with external pumping set 068435.



Corio C — Dyneo DD

IP 21

According to model

Dutscher.com

Accessories

Part no.	Designation	€
068091	Cooling coil	N/A -
068435	External pumping set for CD, CP, and DD	N/A -

Tip

Find the accessories (cooling coil, external pumping set, fittings...) on Dutscher.com

Lauda Alpha, Eco and Pro circulating thermostats

LAUDA

- Alpha thermostat: Digital LED 7-segment display with 3-button controller
- Eco Silver thermostat: LCD digital display with 3-button controller
- Eco Gold thermostat: TFT display with cursor controller

Model	Alpha	Eco Silver	Eco Gold
Interface	Digital		
Volume (l)	7.5	14.5	22
Temperature range (°C)	+25 to +100 °C	+25 to +200 °C	+20 to +200 °C
Temperature stability (°C)	± 0.05	± 0.01	± 0.01
Heating power (kW)	1.5	2	2.6
Pt1000 probe port	-	Yes (optional)	
External pump flow rate (l/min)	-	22	
External pump pressure (mbar)	-	550	
Operating mode	Continuous	Continuous or scheduled program	
Programming	-	1 program/20 stages	5 program/150 stages
Dimensions (L x W x H) (mm)	125 x 150 x 300	130 x 135 x 325	130 x 135 x 325
Weight (kg)	3.6	3.2	3.4
Part no.	780289	245410	245411
€	N/A -	N/A -	N/A -



780289



245410



245411

New products page

Prices are indicative and excluding tax. Visit Dutscher.com

Lauda Alpha thermostatic circulation baths



The most economical choice with Lauda quality.

- Digital LED 7-segment display with 3-button controller
- Stainless steel tank with drainage screw

Model	A 6	A 12	A 24
Interface	Digital		
Volume (l)	5.5	12	25
Internal dimensions (L x W x H) (mm)	145 x 161 x 150	235 x 161 x 200	295 x 374 x 200
Temperature range (°C)	+20 to +100°C *		
Temperature stability (°C)	± 0.05		
Heating power (kW)	1.5		
External pump flow rate (l/min)	15 (optional)		
External pump pressure (mbar)	200 (optional)		
Operating mode	Continuous		
Dimensions (L x W x H)(mm)	181 x 332 x 370	270 x 332 x 420	332 x 535 x 420
Weight (kg)	6.5	7.7	10.5
Part no.	245412	245413	245414
€	N/A -	N/A -	N/A -

* Working at ambient temperature requires the use of a cooling coil.

Tip

Find accessories (external circulation set, cooling coil, lid...) on Dutscher.com

SLS Lab Pro Thermostatic Baths



- Level detector with automatic stop
- Antimicrobial coating
- Supplied with a stainless steel raised shelf

Interface	Digital		
Volume (l)	8	14	22
Internal dimensions (l x p x h) (mm)	129 x 300 x 150	319 x 298 x 150	395 x 298 x 150
Temperature range (°C)	Ambient +5 to +99°C		
Temperature accuracy (°C)	0.1		
Temperature uniformity (°C)	± 0.01		
Temperature stability (°C)	± 0.5		
Heating power (kW)	0.5		
Pt1000 probe port	No		
Operating mode	Continuous or timer		
Timer	1min to 99h59min		
Dimensions (L x W x H) (mm)	271 x 332 x 170	361 x 332 x 170	537 x 332 x 170
Part no.	257093	257094	257095
€	N/A -	N/A -	N/A -
Part no. stainless steel lid	257101	257102	257103
€	N/A -	N/A -	N/A -

Circulating thermostatic baths WCB Series

- Stainless steel tank
- Drain valve on WCB-22 model
- Supplied with flat lid



Model	WCB-6	WCB-11	WCB-22
Interface	Digital		
Volume (l)	6	11	22
Internal dimensions (L x W x H)(mm)	300 x 155 x 150	302 x 240 x 150	500 x 295 x 150
Temperature range (°C)	Ambient +5 to +100°C		
Temperature accuracy (°C)	0.1		
Temperature uniformity (°C)	± 0.2		
Temperature stability (°C)	± 0.1		
Heating power (kW)	0.8	1	2
External pump flow rate (l/min)	5		
Operating mode	Continuous or timer		
Timer	1min to 99h59min		
Dimensions (L x W x H)(mm)	330 x 185 x 385	335 x 275 x 385	540 x 335 x 410
Part no.	046786	046787	046788
€	N/A -	N/A -	N/A -

Circulating thermostatic baths Corio C & CD

Julabo

- To be completed with a cooling coil for work below ambient temperature

Tip

Find the accessories (stainless steel or plastic racks for tubes...) on Dutscher.com

Dutscher.com

Thermostatted baths Corio C with polycarbonate tank

- For internal applications up to 100°C
- Polycarbonate tank

Model	C-BT5	C-BT9	C-BT19	C-BT27
Interface	Digital			
Volume (l)	5	9	19	27
Internal dimensions (L x W x H) (mm)	150 x 150 x 150	230 x 150 x 150	300 x 350 x 150	300 x 350 x 200
Temperature range (°C)	Ambient +5 to +100°C			
Temperature accuracy (°C)	0.1			
Temperature stability (°C)	± 0.03			
Heating power (kW)	2			
Operating mode	Continuous			
Dimensions (L x W x H)(mm)	230 x 380 x 380	320 x 380 x 380	380 x 580 x 380	380 x 580 x 430
Weight (kg)	3.9	4.8	7	7.2
Part no.	068049	068050	068051	068052
€	N/A -	N/A -	N/A -	N/A -



Thermostatic baths Corio C with stainless steel tank

- For internal applications up to 100°C
- Stainless steel tank

Model	C-B5	C-B13	C-B17	C-B19	C-B27
Interface	Digital				
Volume (l)	5	13	17	19	27
Internal dimensions (L x W x H) (mm)	150 x 150 x 150	300 x 180 x 150	300 x 180 x 200	300 x 350 x 150	300 x 350 x 200
Temperature range (°C)	Ambient +5 to +100°C				
Temperature accuracy (°C)	0.1				
Temperature stability (°C)	± 0.03				
Heating power (kW)	2				
Operating mode	Continuous				
Dimensions (L x W x H)(mm)	230 x 380 x 410	380 x 400 x 420	380 x 400 x 470	380 x 580 x 420	380 x 580 x 470
Weight (kg)	7.3	8.2	9.3	10.5	13
Part no.	068053	068054	068055	068056	068057
€	N/A -	N/A -	N/A -	N/A -	N/A -



Thermostatic baths Corio CD with stainless steel tank

- For internal or external applications up to 150°C
- USB connection for remote control
- Seamless transition between internal and external circuits enabled by the optional pump set
- Stainless steel tank

Tip

Find the models with polycarbonate tank (temperature up to +100°C) on Dutscher.com

* Only with external pumping set 068435

Model	CD-B5	CD-B13	CD-B17	CD-B19	CD-B27	CD-B33	CD-B39
Interface	Digital						
Volume (l)	5	13	17	19	27	33	39
Internal dimensions (L x W x H) (mm)	150 x 150 x 150	300 x 180 x 150	300 x 180 x 200	300 x 350 x 150	300 x 350 x 200	660 x 320 x 150	330 x 300 x 300
Temperature range (°C)	Ambient +5 to +150°C						
Temperature accuracy (°C)	0.1						
Temperature stability (°C)	± 0.03						
Heating power (kW)	2						
External pump flow rate (l/min)	15 *						
External pump pressure (mbar)	350 *						
Operating mode	Continuous						
Dimensions (L x W x H)(mm)	230 x 380 x 410	380 x 400 x 420	380 x 400 x 470	380 x 580 x 420	380 x 580 x 470	910 x 360 x 430	540 x 340 x 570
Weight (kg)	8.2	9.1	9.3	11.5	13	21	18
Part no.	068062	068063	068064	068065	068066	068067	068068
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Tip

Find more models on the following page.

Accessories

Part no.	Designation	€
068091	Cooling coil	N/A -
068435	External pumping set for Corio CD	N/A -

Stainless steel lids

For	Curved lid	€	Flat cover	€
B13/B17	068098	N/A -	068101	N/A -
B19/B27, BT19/BT27	068099	N/A -	068102	N/A -
B33	068100	N/A -	068103	N/A -
B39	-	-	068104	N/A -
B5/BT5	-	-	068105	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Lauda Eco thermostated clear-tank circulating baths

- Plexiglass tanks without drainage tap
- Adjustable internal circulation pump with 6 settings
- USB serial interface, numerous other interfaces optional
- Supplied without lid



Thermostatic baths
Lauda Eco Gold
TFT display
with cursor controller



Thermostatted baths
Lauda Eco Silver
LCD digital display
with 3-button controller

Model	ET 6 S / ET 6 G	ET 12 S / ET 12 G	ET 15 S / ET 15 G	ET 20 S / ET 20 G
Interface	Digital			
Volume (l)	6	12	15	20
Internal dimensions (L x W x H) (mm)	130 x 285 x 160	300 x 175 x 160	275 x 130 x 310	300 x 350 x 160
Temperature range (°C)	+20 to +100°C *			
Temperature stability (°C)	± 0.01			
Heating power (kW)	Silver models: 2.0 Gold models: 2.6			
Pt1000 probe port	Yes (optional)			
External pump flow rate (l/min)	22 (optional)			
External pump pressure (mbar)	550 (optional)			
Operating mode	Continuous or scheduled program			
Programming	Silver models: 1 programme / 20 steps Gold models: 5 programs / 150 steps			
Dimensions (L x W x H) (mm)	143 x 433 x 349	322 x 331 x 389	428 x 148 x 532	322 x 506 x 389
Weight (kg)	4.5	7.1	6.5	9.5
Part no. silver models	245415	245416	245417	245418
€ silver models	N/A -	N/A -	N/A -	N/A -
Part no. gold model	245419	245420	245421	245422
€ gold models	N/A -	N/A -	N/A -	N/A -

* Working at ambient temperature requires the use of the cooling coil

Tip

Find the accessories (Pump connection set, interface modules... on Dutscher.com

Grant thermostatic circulating baths



- 2-point calibration for T100 and TC120 thermostats, and 5-point calibration for TX150 and TXF200 thermostats
- Drain valve on tanks ST12 to ST38

Tip

Find models with plastic tanks and accessories (lids, software, refrigeration systems, racks, etc.) on Dutscher.com

Thermostatically controlled baths with T100 thermostats

- For internal applications up to 100°C



Model	T100-ST5	T100-ST12	T100-ST18	T100-ST26	T100-ST38
Interface	Digital				
Volume (l)	5	12	18	26	38
Internal dimensions (L x W x H) (mm)	300 x 150 x 150	325 x 300 x 150	505 x 300 x 150	505 x 300 x 200	690 x 300 x 200
Temperature range (°C)	Ambient +5 to +100°C				
Temperature accuracy (°C)	0.1				
Temperature uniformity (°C)	± 0.1				
Temperature stability (°C)	± 0.05				
Heating power (kW)	1290				
Pt1000 probe port	No				
Operating mode	Continuous				
Dimensions (L x W x H)(mm)	335 x 187 x 215	332 x 360 x 215	545 x 340 x 215	535 x 340 x 270	733 x 338 x 260
Weight (kg)	5	6.6	9.4	9.8	14
Part no.	144672	144673	144674	144675	144676
€	N/A -	N/A -	N/A -	N/A -	N/A -

Tip

Find more models on the previous page.

Circulating thermostatic baths Grant (continued)

Thermostatically controlled baths with TC120 thermostats

- For internal or external applications up to 120°C

Model	TC120-ST5	TC120-ST12	TC120-ST18	TC120-ST26	TC120-ST38
Interface	Digital				
Volume (l)	5	12	18	26	38
Internal dimensions (L x W x H) (mm)	300 x 150 x 150	325 x 300 x 150	505 x 300 x 150	505 x 300 x 200	690 x 300 x 200
Temperature range (°C)	Ambient +5 to +120°C				
Temperature accuracy (°C)	0.1				
Temperature uniformity (°C)	± 0.1				
Temperature stability (°C)	± 0.05				
Heating power (kW)	1290				
Pt1000 probe port	No				
External pump flow rate (l/min)	16				
External pump pressure (mbar)	210				
Operating mode	Continuous or timer				
Timer	1min to 99h59min				
Dimensions (L x W x H)(mm)	335 x 187 x 215	332 x 360 x 215	545 x 340 x 215	535 x 340 x 270	733 x 338 x 260
Weight (kg)	5.2	6.8	9.6	10	14.2
Part no.	144680	144681	144682	144683	144684
€	N/A -	N/A -	N/A -	N/A -	N/A -



Thermostatically controlled baths with TX150 thermostats

- For internal or external applications up to 150°C
- Programmable for up to 30 steps
- USB and RS232 interface for computer control, programming, or data extraction

Model	TX150-ST5	TX150-ST12	TX150-ST18	TX150-ST26	TX150-ST38
Interface	Digital				
Volume (l)	5	12	18	26	38
Internal dimensions (L x W x H) (mm)	300 x 150 x 150	325 x 300 x 150	505 x 300 x 150	505 x 300 x 200	690 x 300 x 200
Temperature range (°C)	Ambient +5 to +150°C				
Temperature accuracy (°C)	0.1 (0.01 with PC Labwise software)				
Temperature uniformity (°C)	± 0.05				
Temperature stability (°C)	± 0.01				
Heating power (kW)	1840				
Pt1000 probe port	Yes				
External pump flow rate (l/min)	18				
External pump pressure (mbar)	310				
Operating mode	Continuous, timer or programme				
Timer	1min to 99h59min				
Programming	1 programs / 30 steps				
Dimensions (L x W x H) (mm)	335 x 187 x 215	332 x 360 x 215	545 x 340 x 215	535 x 340 x 270	733 x 338 x 260
Weight (kg)	5.5	7.1	9.9	10.3	14.5
Part no.	144688	144689	144690	144691	144692
€	N/A -	N/A -	N/A -	N/A -	N/A -



Thermostatically controlled baths with TXF200 thermostats

- For internal or external applications up to 200°C
- Capability to program up to 100 steps with the recording of 10 different programs
- USB and RS232 interface for computer control, programming, or data extraction

Model	TXF200-ST5	TXF200-ST12	TXF200-ST18	TXF200-ST26	TXF200-ST38
Interface	Digital				
Volume (l)	5	12	18	26	38
Internal dimensions (L x W x H) (mm)	300 x 150 x 150	325 x 300 x 150	505 x 300 x 150	505 x 300 x 200	690 x 300 x 200
Temperature range (°C)	Ambient +5 to +200°C				
Temperature accuracy (°C)	0.1 (0.01 with PC Labwise software)				
Temperature uniformity (°C)	± 0.05				
Temperature stability (°C)	± 0.01				
Heating power (kW)	1840				
Pt1000 probe port	Yes				
External pump flow rate (l/min)	22 (adjustable)				
External pump pressure (mbar)	530				
Operating mode	Continuous, timer or programme				
Timer	1min to 99h59min				
Programming	10 programmes / 100 steps				
Dimensions (L x W x H) (mm)	335 x 187 x 215	332 x 360 x 215	545 x 340 x 215	535 x 340 x 270	733 x 338 x 260
Weight (kg)	5.5	7.1	9.9	10.3	14.5
Part no.	144696	144697	144698	144699	144700
€	N/A -	N/A -	N/A -	N/A -	N/A -



Tip

Find more models on the following page.

Prices are indicative and excluding tax. Visit Dutscher.com

Circulating thermostats Corio CD, CP and Dyneo DD

Julabo

Tip

Find accessories (adapters, tips, barbed fittings...) on Dutscher.com

- Stainless steel tank
- USB connection (and RS232 for Dyneo models) for remote control
- Drain valve on all models
- Integrated cooling coil for operations below ambient temperature
- Supplied with lid and 2 barbed fittings for external pump connection



Circulation thermostats Corio CD

- For internal and external circulation applications up to +150°C

Model	CD-BC4	CD-BC6	CD-BC12	CD-BC26
Interface	Digital			
Volume (l)	4	6	12	26
Internal dimensions (L x W x H) (mm)	130 x 150 x 150	130 x 150 x 200	220 x 150 x x200	220 x 300 x 200
Temperature range (°C)	Ambient +5 to +150°C			
Temperature accuracy (°C)	0.1			
Temperature stability (°C)	± 0.03			
Heating power (kW)	2			
External pump flow rate (l/min)	15			
External pump pressure (mbar)	350			
Operating mode	Continuous			
Dimensions (L x W x H)(mm)	230 x 410 x 420	240 x 440 x 470	330 x 490 x 470	390 x 620 x 480
Weight (kg)	8.8	10	12.2	19
Part no.	068069	068070	068071	068072
€	N/A -	N/A -	N/A -	N/A -



Circulation thermostats Corio CP

- For internal and external circulation applications up to +200°C
- External variable flow circulation pump

Model	CP-BC4	CP-BC6	CP-BC12	CP-BC26
Interface	Digital			
Volume (l)	4	6	12	26
Internal dimensions (L x W x H) (mm)	130 x 150 x 150	130 x 150 x 200	220 x 150 x x200	220 x 300 x 200
Temperature range (°C)	Ambient +5 to +200°C			
Temperature accuracy (°C)	0.1			
Temperature stability (°C)	± 0.02			
Heating power (kW)	2			
External pump flow rate (l/min)	8 - 27			
External pump pressure (mbar)	100 - 700			
Mode of operation	Continuous			
Dimensions (L x W x H)(mm)	230 x 410 x 420	240 x 440 x 470	330 x 490 x 470	390 x 620 x 480
Weight (kg)	8.5	10	12	19
Part no.	068442	068409	068443	068402
€	N/A -	N/A -	N/A -	N/A -



Circulating thermostats Dyneo DD

- For internal and external circulation applications up to +200°C
- Programming capabilities
- External variable flow circulation pump

Model	DD-BC4	DD-BC6	DD-BC12	DD-BC26
Interface	Digital			
Volume (l)	4	6	12	26
Internal dimensions (L x W x H) (mm)	130 x 150 x 150	130 x 150 x 200	220 x 150 x x200	220 x 300 x 200
Temperature range (°C)	Ambient +5 to +200°C			
Temperature accuracy (°C)	0.1			
Temperature stability (°C)	± 0.01			
Heating power (kW)	2			
pt100 probe port	Yes			
External pump flow rate (l/min)	8 - 27			
External pump pressure (mbar)	100 - 700			
Mode of operation	Continuous, timer or programme			
Timer	0 to 99h59min			
Programming	8 programmes / 60 steps			
Dimensions (L x W x H) (mm)	230 x 410 x 420	240 x 440 x 470	330 x 490 x 470	390 x 620 x 480
Weight (kg)	8.5	9.7	11.9	18.7
Part no.	068261	068262	068256	068264
€	N/A -	N/A -	N/A -	N/A -

Tip

Find more models on the previous page.

Lauda Eco stainless steel thermostated circulation baths

- Stainless steel tank with drain valve
- Adjustable internal circulation pump with 6 settings
- USB serial interface, numerous other interfaces optional
- E 4 S & E 4 G delivered with lid and external circulation kit

Model	E 4 S / E 4 G	E 10 S / E 10 G	E 20 S / E 20 G	E 25 S / E 25 G	E 40 S / E 40 G
Interface	Digital				
Volume (l)	3.5	11	19	25	40
Internal dimensions (l x w x h) (mm)	135 x 105 x 150	300 x 190 x 150	300 x 365 x 150	300 x 365 x 200	300 x 613 x 200
Temperature range (°C)	+20 to +200°C *				
Temperature stability (°C)	± 0.01				
Heating power (kW)	Silver models: 2.0 Gold models: 2.6				
Pt1000 probe port	Yes (optional)				
External pump flow rate (l/min)	22	22 (optional)			
External pump pressure (mbar)	550	550 (optional)			
Operating mode	Continuous or scheduled program				
Programming	Silver models: 1 programme / 20 steps Gold models: 5 programs / 150 steps				
Dimensions (L x W x H) (mm)	168 x 272 x 376	331 x 361 x 376	331 x 537 x 376	331 x 537 x 426	350 x 803 x 428
Weight (kg)	6.5	9	10	12.5	19.5
Part no. silver models	245423	245424	245425	245426	245427
€ silver models	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. gold model	245428	245429	245430	245431	245432
€ gold models	N/A -	N/A -	N/A -	N/A -	N/A -

* Working at ambient temperature requires the use of the cooling coil

Thermostatic baths Lauda Eco Silver
LCD digital display with 3-button controller



Thermostated baths
Lauda Eco Gold
TFT display with controller cursor



Tip

Find the accessories (pump connection set, interface modules...) on Dutscher.com

Lauda Pro thermostatic circulation baths

- Stainless steel tank with front drainage tap
- External circulation pump adjustable in 8 steps
- Pt100 interface, USB and Ethernet as standard, with many other optional interfaces
- Detachable remote controller of the vessel
- Supplied with lid and cooling coil

Model	P 10 / P 10 C	P 20 / P 20 C	P 30 / P 30 C
Interface	Pro base: Digital / Pro Command Touch: Tactile		
Volume (l)	10	20	28.5
Internal dimensions (L x W x H)(mm)	240 x 150 x 200	300 x 290 x 200	340 x 385 x 200
Temperature range (°C)	+40 to +250 °C	+35 to +250 °C	+30 to +250 °C
Temperature stability (°C)	± 0.01		
Heating power (kW)	3.6		
Pt1000 probe port	Yes (included)		
Operating mode	Continuous or scheduled program		
Programming	Base models: 1 programme / 20 segments Command Touch models: 100 programs / 5000 segments		
Dimensions (w x d x h) (mm) Base models Command Touch models	 310 x 335 x 365 310 x 335 x 415	 350 x 475 x 365 350 x 475 x 415	 400 x 600 x 365 400 x 600 x 415
Weight (kg) Base models Command touch models	 14.5 15	 9 19.5	 25 24
Part no. base models	245433	245434	245435
€ base models	N/A -	N/A -	N/A -
Part no. command touch models	245436	245437	245438
€ command touch models	N/A -	N/A -	N/A -

Thermostatic baths
Lauda Pro Base
OLED display
with cursor controller



Thermostatic baths
Lauda Pro Command Touch
TFT display
with touch controller



Tip

Find the accessories (pump connection set, interface modules...) on Dutscher.com

New products page

Prices are indicative and excluding tax. Visit Dutscher.com

Refrigerated circulating thermostatic baths Julabo Corio and Dyneo

Julabo

- For internal or external applications up to 150°C
- USB connection for remote control
- Seamless transition between internal and external circuits enabled by the optional pump set
- Stainless steel tank

Tip

Find the accessories (adapters, tips, serrated...) on Dutscher.com

Cryothermostats Corio CD

- For internal and external circulation applications from -40 to +150°C

Tip

Find also the CP models with a maximum temperature of +200°C on Dutscher.com



Model	CD-200F	CD-201F	CD-310F	CD-450F	CD-449F	CD-600F	CD-601F
Interface	Digital						
Volume (l)	4				30	7.5	10
Internal dimensions (L x W x H) (mm)	130 x 150 x 150				280 x 350 x 200	220 x 150 x 150	220 x 150 x 200
Temperature range (°C)	-20 to +150 °C		-30 to +150 °C		-32 to +150 °C	-35 to +150 °C	-40 to +150 °C
Temperature accuracy (°C)	0.1						
Temperature stability (°C)	± 0.03						
Heating power (kW)	2						
Cooling capacity (kW) (at +20 / 0 / -20°C)	0.22 / 0.17/ 0.06		0.31 / 0.28/ 0.13	0.45 / 0.38/ 0.17	0.45 / 0.36/ 0.21	0.6 / 0.46/ 0.18	
Pt1000 probe port	No						
External pump flow rate (l/min)	15						
External pump pressure (mbar)	350						
Operating mode	Continuous						
Dimensions (L x W x H)(mm)	230 x 390 x 650	440 x 410 x 440	230 x 400 x 650	430 x 400 x 650	370 x 590 x 690	330 x 470 x 690	360 x 460 x 740
Weight (kg)	26	25	25.2	25.1	39.5	36	38.5
Part no.	068073	068074	068444	068445	068463	068076	068197
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. natural refrigerant	660013	-	-	-	-	-	-
€	N/A -	-	-	-	-	-	-

Cryothermostats Dyneo DD

- For internal and external circulation applications from -40 to +200°C
- Optional analogue and RS232 output
- Programming capabilities
- External variable flow circulation pump



Model	DD-200F	DD-201F	DD-310F	DD-450F	DD-600F	DD-601F
Interface	Digital					
Volume (l)	4				7.5	
Internal dimensions (L x W x H) (mm)	130 x 150 x 150				220 x 150 x 150	
Temperature range (°C)	-20 to +200 °C		-30 to +200 °C		-35 to +200 °C	-40 to +200 °C
Temperature accuracy (°C)	0.1					
Temperature stability (°C)	± 0.01					
Heating power (kW)	2					
Cooling capacity (kW) (at +20 / 0 / -20°C)	0.2 / 0.15/ 0.02		0.3 / 0.27/ 0.08	0.44 / 0.37/ 0.16	0.6 / 0.44/ 0.16	
Pt1000 probe port	Yes					
External pump flow rate (l/min)	8 - 27					
External pump pressure (mbar)	100 - 700					
Mode of operation	Continuous, timer or programme					
Timer	0 to 99h59min					
Programming	8 programmes / 60 steps					
Dimensions (L x W x H) (mm)	230 x 390 x 650	440 x 410 x 440	230 x 400 x 650	430 x 400 x 650	330 x 470 x 690	360 x 460 x 740
Weight (kg)	26	25	25.2	25.1	36	38.5
Part no.	068265	068266	068446	068447	068268	068269
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Lauda Alpha refrigerated thermostatic circulation baths

°LAUDA

The most economical choice with Lauda quality.

- Digital LED 7-segment display with 3-button controller
- Stainless steel tank with drainage screw
- Supplied with lid and connections for pump

Model	RA 8	RA 12	RA 24
Interface	Digital		
Volume (l)	7.5	14.5	22
Internal dimensions (L x W x H) (mm)	165 x 177 x 160	300 x 203 x 160	350 x 277 x 160
Temperature range (°C)	-25 to +100 °C		
Temperature stability (°C)	± 0.05		
Heating power (kW)	1.5		
Cooling capacity (kW) (at +20 / 0 / -20°C)	0.23 / 0.16/ 0.08	0.33 / 0.26/ 0.08	0.43 / 0.33/ 0.08
External pump flow rate (l/min)	15		
External pump pressure (mbar)	200		
Operating mode	Continuous		
Dimensions (L x W x H)(mm)	235 x 500 x 605	365 x 500 x 605	415 x 605 x 605
Weight (kg)	29	37	43
Part no.	958886	245439	245440
€	N/A -	N/A -	N/A -



NEW

Tip Find accessories (rack, etc.) on Dutscher.com

Lauda Eco refrigerated thermostatic circulation baths

°LAUDA

- Stainless steel tanks with drain tap
- External circulation pump adjustable in 6 steps
- USB serial interface, numerous other interfaces optional
- Supplied with lid and connections for pump

Model	RE 415 S / RE 415 G	RE 420 S / RE 420 G	RE 630 S / RE 630 G	RE 1050 S / RE 1050 G	RE 1225 S / RE 1225 G	RE 2025 S / RE 2025 G
Interface	Digital					
Volume (l)	4	4	5.7	10	12	20
Internal dim. (l x w x h) (mm)	130 x 105 x 160		150 x 130 x 160	200 x 200 x 160	200 x 200 x 200	300 x 350 x 160
Temperature range (°C)	-15 to +200 °C	-20 to +200 °C	-30 to +200 °C	-50 to +200 °C	-25 to +200 °C	
Temperature stability (°C)	± 0.02					
Heating power (kW)	Silver models: 2.0 Gold models: 2.6					
Pt1000 probe port	Yes (optional)					
External pump flow rate (l/min)	22					
External pump pressure (mbar)	550					
Operating mode	Continuous or scheduled program					
Programming	Silver models: 1 programme / 20 steps Gold models: 5 programs / 150 steps					
Dimensions (L x W x H) (mm)	180 x 350 x 546	180 x 396 x 555	200 x 430 x 581	280 x 440 x 624	250 x 435 x 624	350 x 570 x 624
Weight (Silver / Gold) (kg)	20 / 21	22 / 22	27 / 24	34 / 34	31 / 31	38 / 40
Part no. Silver models	245441	245442	245443	245444	245445	245446
€ silver models	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. Gold models	245447	245448	245449	245450	245451	245452
€ gold models	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

NEW



Thermostatted baths Lauda Eco Silver LCD digital display with 3-button controller

Tip Find the accessories (interface modules...) at Dutscher.com



Thermostatic baths Lauda Eco Gold TFT display with cursor controller

New products page

Tip Find more models on the following page.

Prices are indicative and excluding tax. Visit Dutscher.com

Hybrid refrigerated thermostatic baths Lauda Pro

LAUDA

Thermostatic baths Lauda Pro Base OLED display with cursor controller



Thermostatic baths Lauda Pro Command Touch TFT display with touch controller



NEW

- Stainless steel tank with front drainage tap
- Adjustable internal circulation pump with 8 settings
- Pt100 interface, USB and Ethernet as standard, with many other optional interfaces
- Detachable remote controller of the vessel
- Capability for air and/or water cooling operation
- Supplied with lid and cooling coil

Model	RP 2040 / RP 2040 C	RP 2045 / RP 2045 C	RP 3035 / RP 3035 C	RP 1090 / RP 1090 C	RP 2090 / RP 2090 C	RP 10100 / RP 10100 C
Interface	Digital					
Volume (l)	12.5		17.5	6.5	12.5	6.5
Internal dim. (l x w x h) (mm)	300 x 290 x 200		340 x 375 x 200	240 x 150 x 200	300 x 290 x 200	240 x 150 x 200
Temperature range (°C)	-40 to +200 °C	-45 to +200 °C	-35 to +200 °C	-90 to +200 °C		-100 to +200 °C
Temperature stability (°C)	± 0.01					
Heating power (kW)	3.6					
Cooling capacity (kW) (at +20 / 0 / -20°C)	0.80 / 0.80 / 0.40	1.50 / 1.17 / 0.52	0.80 / 0.80 / 0.35	0.80 / 0.72 / 0.66	0.80 / 0.68 / 0.62	0.40 / 0.40 / 0.40
Pt1000 probe port	Yes					
Operating mode	Continuous or scheduled program					
Programming	Base models: 1 programme / 20 segments Command Touch models: 100 programs / 5000 segments					
Dimensions (w x d x h) (mm) Base models Command Touch models	400 x 565 x 680 400 x 565 x 730		440 x 600 x 680 440 x 600 x 730	440 x 600 x 730 440 x 600 x 780	500 x 600 x 730 500 x 600 x 780	
Weight (kg) Base models Command Touch models	51 52	59 59	54 55	85 86	91 89	86 86
Part no. Base model	245453	245454	245455	245456	245457	245458
€ Base models	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. Command Touch models	245459	245460	245461	245462	245463	245464
€ Command Touch models	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Tip

Find the accessories (external pump, interface modules...) on Dutscher.com

Refrigerated circulating thermostatic baths Grant Ecocool 100R and 150R

grant

3 YEARS WARRANTY



Ecocool 100R Ecocool 150R

- Active cooling regardless of the set temperature
- Supplied with mounting clips, connectors, and tubes

Model	Ecocool 100R	Ecocool 150R
Interface	Digital	
Volume (l)	5	6
Internal dimensions (L x W x H)(mm)	120 x 150 x 140	120 x 150 x 190
Temperature range (°C)	-20 to +100 °C	-30 to +150 °C
Temperature accuracy (°C)	0.1	
Temperature stability (°C)	± 0.05	± 0.02
Pt1000 probe port	No	Yes
External pump flow rate (l/min)	17	14 - 22
External pump pressure (mbar)	250	350
Operating mode	Continuous or timer	Continuous, timer or programme
Timer	1min to 99h59min	
Programming	-	1 program / 30 steps
Dimensions (L x W x H) (mm)	245 x 430 x 640	
Weight (kg)	29.1	
Part no.	144836B	144837B
€	N/A -	N/A -

Tip

Find more models on the previous page.

Tip

Find the accessories (software, external temperature probe for LT Ecocool 150...) at Dutscher.com

Compact circulation thermostat Lauda LOOP

LAUDA

- RS232 interface for remote device control and data integration
- Pump connection fittings included

Model	LOOP 100	LOOP 250
Interface	Digital	
Volume (l)	0.28	0.32
Temperature range (°C)	+4 to +80 °C	
Temperature stability (°C)	± 0.10	
Heating power (kW)	0.2	0.4
Cooling capacity (kW) (at +20 / 10°C)	0,12 / 0,06	
External pump flow rate (l/min)	2.6	
External pump pressure (mbar)	800	
Operating mode	Continuous	
Dimensions (L x W x H)(mm)	175 x 301 x 266	261 x 368 x 312
Weight (kg)	7	12
Part no.	454101	454102
€	N/A -	N/A -

IP 21



NEW

Compact circulating chillers Julabo F Series

Julabo

- Compact devices for placement under or on the bench
- Front ventilation opening for the placement of multiple units side by side
- Liquid level detector
- Supplied with 2 barbed connectors Ø 8 and 10 mm for pump connection

Model	F250	F500	F1000
Interface	Digital		
Volume (l)	2.6	7.5	9.5
Temperature range (°C)	-10 to +40 °C	0 to +40 °C	
Temperature accuracy (°C)	0.1		
Temperature stability (°C)	± 0.5		
Cooling capacity (kW) (at +20 / 10 / 0°C)	0.25 / 0.22/ 0.18	0.5 / 0.4/ 0.25	1 / 0.7 / 0.35
External pump flow rate (l/min)	15	24	23
External pump pressure (mbar)	350	500	1000
Operating mode	Continuous		
Dimensions (L x W x H)(mm)	240 x 400 x 520	375 x 440 x 590	375 x 490 x 640
Weight (kg)	27	37	45
Part no.	067932	068167	068168
€	N/A -	N/A -	N/A -

Tip

Find the accessories (adapters, barbed fittings...) on Dutscher.com



New products page

Circulating chillers Lauda Microcool

LAUDA

- RS232 interface for remote device control and data integration
- Drain screw at the rear of the device

Model	MC 250	MC 350	MC 600	MC 1200
Interface	Digital			
Volume (l)	4	7	8	14
Temperature range (°C)	-10 to +40 °C			
Temperature stability (°C)	± 0.50			
Cooling capacity (kW) (at +20 / 10 / 0 / -10°C)	0.25 / 0.20 / 0.15 / 0.09	0.35 / 0.27 / 0.20 / 0.12	0.60 / 0.50 / 0.36 / 0.15	1.20 / 1.05 / 0.75 / 0.40
External pump flow rate (l/min)	16		35	
External pump pressure (mbar)	350		1300	
Operating mode	Continuous			
Dimensions (L x W x H)(mm)	200 x 350 x 465	240 x 400 x 500	350 x 480 x 595	450 x 550 x 650
Weight (kg)	25	34	50	63
Part no.	245491	245492	245493	454100
€	N/A -	N/A -	N/A -	N/A -

IP 32



NEW

Prices are indicative and excluding tax. Visit Dutscher.com

Ultrasonic baths Grant XUB & XUBA



- Supplied complete with lid, stainless steel basket and 1l of M2 cleaning solution

Model XUBA

- Basic devices for standard applications

Model XUB

- LEAP technology for uniform distribution of ultrasound
- Degassing function for the removal of microbubbles and the enhancement of cavitation speed
- Supplied with an SD card for data recording

Model	XUBA 1	XUBA 3	XUB 5	XUB 10	XUB 12	XUB 18	XUB 25
Interface	Analog		Digital				
Volume (l)	1.5	2.5	4.5	9.5	12.5	17.5	25
Internal dimensions (L x W x H) (mm)	150 x 140 x 100	240 x 140 x 100	300 x 150 x 150	505 x 140 x 150	300 x 240 x 200	330 x 300 x 200	505 x 300 x 200
Basket dimensions (w x d x h) (mm)	120 x 95 x 55	200 x 108 x 55	265 x 115 x 110	465 x 100 x 110	260 x2 00 x 160	295 x 260 x 160	465 x 260 x 160
Temperature range	-	Ambient +5 to +70					
Ultrasonic frequency (kHz)	44		32 - 38				
Ultrasonic power (W)	35		100	200		300	400
Operating mode	Continuous or timer		Continuous, timer, degassing				
Timer	0 - 15 min		0 - 99 min				
Ext. dimensions (W x D x H) (mm)	180 x 160 x 190	270 x 170 x 210	340 x 255 x 265	545 x 245 x 265	345 x 355 x 365	375 x 410 x 365	550 x 410 x 365
Weight (kg)	2.3	3.3	6.4	9.3	10.5	12.6	15.1
Part no.	144628	144629	144630	-	144632	144611	144612
€	N/A -	N/A -	N/A -	-	N/A -	N/A -	N/A -
Part no. replacement lid	144613	144614	144615	144616	144617	144618	144619
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. Stainless steel replacement basket	144620	144621	144622	144623	144624	144625	144626
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Ultrasonic baths Elmasonic P



- 5 ultrasonic modes for optimal results:
  - Pulse: temporary power boost for stubborn residues
  - Sweep: even distribution of ultrasonic waves
  - Degas: swift and easy degassing of cleaning liquids or samples
  - Power Regulation: automatic power adjustment
  - Autostart: automatic initiation when the target temperature is reached
- 2 selectable frequencies: 37 kHz for heavy soiling or 80 kHz for soft cleaning

Model	P 30 H	P 60 H	P 70 H	P 120 H	P 180 H	P 300 H
Interface	Digital					
Volume (l)	2.75	5.75	6.9	12.75	18	28
Internal dimensions W x D x H (mm)	240 x 137 x 100	300 x 151 x 150	505 x 137 x 100	300 x 240 x 200	327 x 300 x 200	505 x 300 x 200
Basket dimensions W x D x H (mm)	198 x 106 x 50	255 x 115 x 75	465 x 106 x 50	250 x 190 x 115	280 x 250 x 115	455 x 250 x 115
Temperature range	+30 to +80 °C					
Ultrasonic frequency (kHz)	37 / 80					
Ultrasonic power (W)	120 x 100	180 x 150	220	330		380
Operating mode	Continuous, Timer, Pulse, Sweep, Degas, Power control, Pause, Autostart					
Timer	1 to 30 min					
Ext. Dimensions W x D x H (mm)	300 x 179 x 221	365 x 186 x 271	568 x 179 x 221	365 x 278 x 321	390 x 340 x 321	568 x 340 x 321
Weight (kg)	3.3	5.1	5.6	7.5	8.5	11
Bath part no	950226	950227	950228	950229	950230	950231
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. basket	497911	497913	950208	497916	497918	497919
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Lid part no.	950217	670075	950219	670134	950221	950222
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Elmasonic Select ultrasonic baths

- 5 ultrasonic modes for optimal results:
  - Degas: rapid and easy degassing of cleaning liquid or samples
  - Eco: quieter operation and reduced wear on parts
  - Sweep: uniform distribution of ultrasound
  - Pulse: temporary power boost against stubborn contaminants
  - Dynamic: alternating sweep and pulse functions to enhance performance
- Supplied with cover

Model	Select 30	Select 40	Select 60	Select 80	Select 100
Interface	Digital				
Volume (l)	1.6	2.9	4.3	6.8	6.8
Internal dimensions W x D x H (mm)	95 x 120 x 220	215 x 115 x 145	275 x 125 x 145	475 x 110 x 145	280 x 220 x 145
Basket dimensions W x D x H (mm)	195 x 105 x 50	190 x 105 x 75	255 x 115 x 75	455 x 106 x 75	255 x 200 x 70
Temperature range	+40 to +80 °C				
Ultrasonic frequency (kHz)	37				
Ultrasound power (W)	120		150		
Operating mode	Continuous, timer, degas, Eco, Sweep, Dynamic				
Timer	1 min to 6 h				
Ext. Dimensions W x D x H (mm)	305 x 170 x 230	305 x 170 x 280	370 x 210 x 275	570 x 195 x 280	380 x 300 x 280
Weight (kg)	3.6	3.8	5.2	6.9	6.2
Protection class	IP20				
Bath part no	497715	497713	497716	497714	497717
€	N/A -	N/A -	N/A -	N/A -	N/A -
Basket part no.	497911	497912	497913	497914	497915
€	N/A -	N/A -	N/A -	N/A -	N/A -
Lid part no.	950217	950217	670075	950219	670134
€	N/A -	N/A -	N/A -	N/A -	N/A -



Model	Select 120	Select 150	Select 180	Select 300	Select 500	Select 900
Interface	Digital					
Volume (l)	10	8.7	14.2	22.0	40.3	63.7
Internal dimensions W x D x H (mm)	220 x 120 x 95	485 x 280 x 95	300 x 370 x 195	475 x 270 x 195	500 x 330 x 290	600 x 500 x 285
Basket dimensions W x D x H (mm)	250 x 190 x 110	455 x 250 x 45	280 x 250 x 115	455 x 250 x 110	460 x 300 x 195	545 x 460 x 190
Temperature range	+40 to +80 °C					
Ultrasonic frequency (kHz)	37					
Ultrasound power (W)	200	300	200	300	540	960
Operating mode	Continuous, timer, degas, Eco, Sweep, Dynamic					
Timer	1 min to 6 h					
Ext. Dimensions W x D x H (mm)	380 x 300 x 330	575 x 360 x 230	405 x 360 x 330	575 x 360 x 330	775 x 425 x 505	875 x 595 x 60
Weight (kg)	7.7	8.8	10.2	12.2	30.4	43.4
Bath part no	497718	497719	497720	497721	497722	497723
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. with lid sonic protection	-	-	-	-	497724	497725
€	–	–	–	–	N/A -	N/A -
Basket part no.	497916	497917	497918	497919	497734	497733
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Lid part no.	670134	950222	950221	950222	-	-
€	N/A -	N/A -	N/A -	N/A -	–	–

Tip

Find more models on the following page.

Noise protection boxes Elma Mutebox

- Reduces the noise of ultrasonic baths by up to a maximum of -85dB
- Vapour extraction to prevent the accumulation of heat and moisture
- Side halogen lamp
- Stainless steel exterior

Model	Mutebox ML	Mutebox XL
Elmasonic bath compatibility	10 - 20 - 30 - 40 - 60 - 100 - 120 - 180	70 - 80 - 150 - 200 - 300
External dimensions (w x d x h) (mm) doors and lids closed	545 x 530 x 525	860 x 605 x 525
External dimensions (w x d x h) (mm) with doors and lids open	555 x 975 x 1015	860 x 975 x 1085
Internal dimensions (l x p x h) (mm)	430 x 380 x 445	710 x 450 x 445
Weight (kg)	18.9	26.2
Part no.	497923	497924
€	N/A -	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Ultrasonic baths Branson



CPXH version



M and MH versions

- Sweep technology for homogeneous distribution of ultrasound
- Drain valve on models 3800 and 5800
- Supplied with cover

Model CPXH

- Degassing function for the removal of microbubbles and the enhancement of cavitation speed

Model	M1800	MH1800	CPXH1800	M2800	MH2800	CPXH2800	M3800	MH3800	CPXH3800	M5800	MH5800	CPXH5800
Interface	Analog		Digital	Analog		Digital	Analog		Digital	Analog		Digital
Volume (l)	1.9			2.8			5.7			9.5		
Int. dim. (L x W x H) (mm)	150 x 140 x 100			230 x 140 x 100			290 x 150 x 150			290 x 240 x 150		
Basket dim. (l x w x h) (mm)	125 x 107 x 74			209 x 109 x 88			261 x 119 x 136			269 x 203 x 138		
Temperature range	-	60 °C	20 to 69 °C	-	60 °C	20 to 69 °C	-	60 °C	20 to 69 °C	-	60 °C	20 to 69 °C
Ultrasonic frequency (kHz)	40											
Ultrasound power (W)	70			110			110			160		
Operating mode	Continuous or timer											
Timer	0 - 60 min		0 - 99 min	0 - 60 min		0 - 99 min	0 - 60 min		0 - 99 min	0 - 60 min		0 - 99 min
Ext. dim. (L x W x H) (mm)	251 x 304 x 302			337 x 304 x 302			397 x 317 x 377			397 x 401 x 378		
Weight (kg)	3.2			4.1			5.4			6.4		
Bath part no	412542	412543	412544	412546	412547	412548	412550	412551	412552	412554	412555	412556
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Basket part no.	910575			910580			910836			910585		
€	N/A -			N/A -			N/A -			N/A -		

Ultrasonic bath Branson 200



Interface	Analog
Volume (l)	0.5
Internal dimensions (L x W x H)(mm)	165 x 90 x 55
Ultrasonic frequency (kHz)	40
Ultrasound power (W)	20
Operating mode	Timer
Timer	5 min (fixed)
Ext. dimensions (W x D x H) (mm)	195 x 115 x 122
Weight (kg)	1.5
Part no.	910586
€	N/A -

Accessories

Part no.	Designation	€
910570	Plastic lid	N/A -
910571	Wire mesh basket 155 x 86 x 45 mm	N/A -

Tip
Find more models on the previous page.

Rinsing units Elma Sink

- 5 ultrasonic modes
- Stainless steel tank
- Compatible with standard Elma baskets to simplify the various stages of component cleaning
- Models L and XL with a drainage outlet, supplied with a hose fitting and hose clamp

Model	P 70 H	P 120 H	P 180 H	P 300 H
Basket Compatibility Elmasonic S / P / Select / Easy	1 x 30/40	2 x 30/40 1 x 60	2 x 60 1 x 80/120/180	4 x 60 2 x 80/100/120 1 x 150/180/300
Usable volume (l)	2.9	4.3	14.2	22
External dimensions (w x d x h) (mm) doors and lids closed	305 x 155 x 220	365 x 170 x 270	395 x 315 x 325	565 x 315 x 325
Internal dimensions (L x W x H)(mm)	215 x 115 x 145	280 x 130 x 145	300 x 270 x 195	475 x 270 x 195
Weight (kg)	2.0	2.8	4.7	6.1
Part no.	497925	497926	497927	497928
€	N/A -	N/A -	N/A -	N/A -



Elma Dry Drying Units

- Hot wind tunnel chamber for drying or ambient for cooling parts
- Suitable for any space including sensitive environments
- Dust filter on the lower part of the base to prevent ambient air contamination
- Compatible with standard Elma baskets to simplify the various stages of component cleaning
- Lid included with aeration slots for maximum turbulence

Model	Elma Dry 30	Elma Dry 120	Elma Dry 300
Temperature	Ambient or +70°C		
Heating power (W)	480	550	1100
Basket Compatibility Elmasonic S / P / Select / Easy	1 x 30/40	2 x 30/40 1 x 100/120	3 x 60 1 x 60 + 1 x 100/120 2 x 100/120 1 x 150/300
Maximum load (kg)	1	7	12
External dimensions (w x d x h) (mm) doors and lids closed	300 x 186 x 219	362 x 285 x 322	568 x 347 x 322
Internal dimensions (L x W x H)(mm)	220 x 120 x 95	275 x 215 x 195	475 x 270 x 195
Weight (kg)	3.6	6.1	10.2
Part no.	497877	497878	497879
€	N/A -	N/A -	N/A -



Liquids for Elmasonic Lab Clean ultrasonic baths

- High efficiency
- Low foaming
- Allow for the enhancement of cavitation effects
- Concentrated product for reduced, economical dosing

Range	A10	A20sf	A25	N10	250 Dip&Splash	S20
Compatibility	Metal instruments, glass, ceramic synthetic material, glass apparatus	Laboratory glassware, stainless steel, glass, ceramic, synthetic material	Metal, glass, ceramic synthetic material	Metal, glass, ceramic, synthetic material	Metal, glass, ceramic synthetic material	Stainless steel, glass, ceramics synthetic material
Incompatibility	Aluminium, magnesium, light metal alloys	Aluminium, magnesium, light metal alloys	Aluminium, magnesium, light metal alloys, base-sensitive glass	Certain magnesium alloys	Certain magnesium alloys acid-sensitive glass	Aluminium, magnesium, light metal alloys
Effective against	Ink and label adhesive, lime soap deposits, fats and oils, cutting grease-slightly resinous residues-fingerprints and dust	Light greases, soap residues, lime scale, fingerprints, dust	Marker and labels, cutting oils, limestone soap, blood, saliva, albumin, bone tissue residues, fats and oils, polishing residues, abrasive products, dust	Residual emulsions, markers and labels, lime soap deposits, light oils and greases, fingerprints, dust	Limestone, lime soap, Ca and Mg alloy deposit, aqueous-based cooling lubricants, light mineral oils, dust	Lime scale/soap, metal oxide, mineral deposits, mineral oils, dust
Cat. No. - 1 litre	950232	950234	950236	950238	497931	950242
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Cat. No. - 2.5 litres	950233	950235	950237	950239	497932	950243
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Cat. No. - 10 litres	799620	497757	497760	497763	497933	959251
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Cat. No. - 25 litres	497755	497758	497761	497764	497934	497769
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Circulating chillers Julabo Valegro

Julabo

Versatile, compact, and eco-friendly.

- Chlorine-free, environmentally friendly cooling liquid
- Low-volume vessel for rapid temperature equilibration
- Good thermal stability
- Adjustable flow and pressure pump for energy savings
- Tool-less removable ventilation grille
- Illuminated level indicator and easy to clean
- Rear-mounted wheel on the device for easier handling
- Front-panel USB-C and RS232 interfaces for remote control and data extraction

Model	Valegro 350	Valegro 500
Interface	Tactile	
Volume (l)	1.5 - 3	
Temperature range (°C)	- 20 to + 40	
Temperature accuracy (°C)	0.1	
Temperature stability (°C)	± 0.3	
Cooling capacity (kW) (at +20 / 0 / -10 / -20 °C)	0.35 / 0.25 / 0.18 / 0.07	0.5 / 0.37 / 0.25 / 0.1
External pump flow rate (l/min)	16	19
External pump pressure (mbar)	600	850
Operating mode	Continuous, timer	
Timer	Up to 99 h 59 min	
Dimensions (L x W x H) (mm)	230 x 450 x 450	
Weight (kg)	26	
Part no.	660021	660022
€	N/A -	N/A -



660022

NEW

IP 21

GoGREEN

Immersion thermostats Lauda Universa

LAUDA

The revolution in temperature control devices.

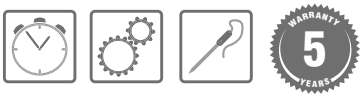
- 3.5" TFT colour display with temperature profile visualization
- Modular design for adaptation to most applications
- Ethernet, Wi-Fi, and USB connectivity for data transfer and remote control
- 2 slots (1 large and 1 small) opening for additional interface modules
- Compatible with web server functions and the Lauda Command applications (free of charge)
- Stainless steel pump fittings M16x1 (as an accessory) for connection to external applications
- Eco-responsible design

Modular, AI-ready, eco-friendly and high performance



Universa Pro

NEW



Conditional

Model	Universa Pro
Interface	Digital
Maximum volume (l)	4 - 40
Immersion depth (mm)	140
Temperature range (°C)	+30 to +200 °C
Temperature stability (°C)	± 0.02
Heating power (kW)	2.5
External PT100 probe connectivity	Yes (optional)
External pump flow rate (pressure) (l/min)	22
External pump power (pressure)(mbar)	550
Operating mode	Continuous, timer, programming
Programming	5 programmes, 150 phases
Dimensions (L x W x H) (mm)	195 x 234 x 333
Weight (kg)	4.1
Conditions to use	+5 to +40 °C / 80% RH
Part no.	**245562**
€	**N/A -**

Tip

Find the accessories on our website (special lids, fittings, connectors, interface modules, etc.) Dutscher.com

Thermostatic circulating baths Lauda Universa Pro

LAUDA

The revolution in temperature control devices.

- 3.5" TFT colour display with temperature profile visualization
- Modular design for adaptation to most applications
- Ethernet, Wi-Fi, and USB connectivity for data transfer and remote control
- 2 slots (1 large and 1 small) opening for additional interface modules
- Compatible with web server functions and the Lauda Command applications (free of charge)
- Stainless steel pump fittings M16x1 (as an accessory) for connection to external applications
- Supplied with cooling coil
- Eco-responsible design

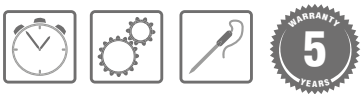
Modular, AI-ready, eco-friendly and high performance



NEW

Universal U 8 P

Model	Universal U 4 P	Universa 8 P	Universa 16 P	Universa 40 P
Interface	Digital			
Volume (l)	5	8.5	17	41
Internal dimensions (L x W x H)(mm)	130 x 100 x 160	150 x 150 x 200	200 x 300 x 200	300 x 600 x 200
Temperature range (°C)	+30 to +200 °C	+40 to +200 °C		
Temperature stability (°C)	± 0.01			
Heating power (kW)	2.5			
Connectivity for external Pt100 probe	Yes (optional)			
External pump flow rate (l/min)	22			
External pump pressure (mbar)	550			
Operating mode	Continuous, timer or programming			
Programming	5 programmes, 150 phases			
Dimensions (W x D x H) (mm)	190 x 330 x 436	230 x 400 x 476	280 x 550 x 476	380 x 850 x 478
Weight (kg)	10.5	14.5	19	28
Part no.	**245567**	**245568**	**245569**	**245570**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Tip

Find the accessories on our website (special lids, fittings, connectors, interface modules, etc.) Dutscher.com

Thermostatic circulating baths Lauda Universa Max

°LAUDA

The revolution in temperature control devices.

- 5" TFT colour display with temperature profile visualization
- Modular design for adaptation to most applications
- Ethernet, Wi-Fi, and USB connectivity for data transfer and remote control
- Connectivity for external Pt100/LiBus series sensor
- 2 large-opening slots for additional interface modules
- Compatible with web server functions and the Lauda Command applications (free of charge)
- Suction and discharge pump (except U20M)
- Stainless steel pump fittings M16x1 for connection to external applications
- Supplied with stainless steel lid, cooling coil and 2 barbed fittings 13 mm
- Eco-responsible design



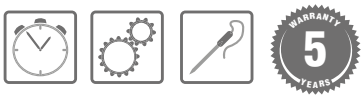
NEW

Universa U 8 M

Modular, AI-ready, eco-friendly and high performance

Tip

Find the accessories on our website (special lids, fittings, connectors, interface modules, etc.) Dutscher.com



Model	Universa U 8 M	Universa U 12 M	Universa U 16 M	Universa U 20 M	Universa U 40 M
Interface	Digital				
Volume (l)	8.5	13	17	22	42
Internal dimensions (L x W x H)(mm)	150 x 150 x 200	200 x 200 x 200	200 x 300 x 200	200 x 200 x 320	300 x 600 x 200
Temperature range (°C)	+70 to +300 °C				
Temperature stability (°C)	± 0.01				
Heating power (kW)	3.6				
External pump flow rate (pressure) (l/min)	25			32	25
External pump flow rate (suction) (l/min)	23			-	23
External pump power (pressure) (mbar)	700			1100	700
External pump power (suction) (mbar)	400			-	400
Operating mode	Continuous, timer or programming				
Programming	5 programmes, 150 phases				
Dimensions (L x W x H) (mm)	230 x 400 x 497	280 x 450 x 497	280 x 550 x 497	280 x 450 x 617	380 x 850 x 499
Weight (kg)	15	18	19.5	22.5	29
Part no.	**245575**	**245576**	**245577**	**245578**	**245579**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Part no. with ball bearing pump	**245583**	**245584**	**245585**	**-**	**245586**
€	**N/A -**	**N/A -**	**N/A -**	**-**	**N/A -**

Cryothermostats Lauda Universa Pro

LAUDA

The revolution in temperature control devices.

- 3.5" TFT colour display with temperature profile visualization
- Modular design for adaptation to most applications
- Ethernet, Wi-Fi, and USB connectivity for data transfer and remote control
- 2 slots (1 large and 1 small) opening for additional interface modules
- Compatible with web server functions and the Lauda Command applications (free of charge)
- Stainless steel pump fittings M16x1 for connection to external applications
- Supplied with lid
- Eco-responsible design:
  - natural refrigerants
  - variable speed compressor
  - intelligent refrigeration control

Modular, AI-ready, eco-friendly and high performance

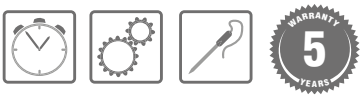
Tip

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NEW

Universal U 635 P



Conditional

Model	Universa U 420 P	Universal U 630 P	Universal U 635 P	Universal U 845 P	Universal U 855 P	Universal U 1245 P	Universa U 1635 P
Interface	Digital						
Volume (l)	4	5.7	5.7	8	8	13	16.5
Internal dimensions (L x W x H)(mm)	130 x 100 x 160	130 x 150 x 160		150 x 150 x 200		200 x 200 x 200	200 x 300 x 200
Temperature range (°C)	-20 to +200	-30 to +200	-35 to +200	-45 to +200	-55 to +200	-45 to +200	-35 to +200
Temperature stability (°C)	± 0.02						
Heating power (kW)	2500						
Cooling capacity (kW) (at +20 / 0 / -20°C)	0.2 / 0.18/ 0.07	0.3 / 0.25/ 0.12	0.47 / 0.17/ 0.06	0.8 / 0.7/ 0.44	1.6 / 1.25/ 0.62	0.8 / 0.73/ 0.45	0.5 / 0.43/ 0.15
Connectivity for external Pt100 probe	Yes (optional)						
External pump flow rate (pressure) (l/min)	22						
External pump power (pressure) (mbar)	550						
Operating mode	Continuous, timer or programme						
Programming	5 programmes, 150 phases						
Dimensions (L x W x H) (mm)	210 x 410 x 616	215 x 460 x 616	290 x 480 x 646	310 x 490 x 646	310 x 490 x 646	310 x 510 x 736	310 x 610 x 736
Weight (kg)	25	26	33	44	44	43	38
Part no.	**245594**	**245595**	**245596**	**245597**	**245598**	**245599**	**245600**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Cryothermostats Lauda Universa Max

LAUDA

The revolution in temperature control devices.

- 5" TFT colour display with temperature profile visualization
- Modular design for adaptation to most applications
- Ethernet, Wi-Fi, and USB connectivity for data transfer and remote control
- Connectivity for Pt100/LiBus probe series
- 2 large-opening slots for additional interface modules
- Compatible with web server functions and the Lauda Command applications (free of charge)
- Suction and discharge pump (except U2040M and U4230M)
- Stainless steel M16x1 fittings for connection to external applications
- Supplied with stainless steel lid and two 13mm barbed fittings
- Eco-responsible design:
  - natural refrigerants
  - variable speed compressor
  - intelligent refrigeration control

Modular, AI-ready, eco-friendly and high performance

Tip

Find the accessories on our website (special lids, fittings, connectors, interface modules, etc.) Dutscher.com

NEW



Universa U 845 M



Conditional

Model	Universa U 845 M	Universa U 855 M	Universa U 890 M	Universa U 1245 M	Universa U 1645 M	Universa U 2040 M	Universa U 4230 M
Interface	Digital						
Volume (l)	8			13	26.5	21	47
Internal dimensions (L x W x H)(mm)	150 x 150 x 200			200 x 200 x 200	200 x 300 x 200	200 x 200 x 320	300 x 350 x 320
Temperature range (°C)	-45 to +200	-55 to +200	-90 to +200	-45 to +200		-40 to +200	-30 to +200
Temperature stability (°C)	± 0.01						
Heating power (kW)	3.6						
Cooling capacity (kW) (at +20 / 0 / -20°C)	0.8 / 0.7/ 0.44	1.6 / 1.25/ 0.62	0.8 / 0.74/ 0.72	0.8 / 0.7/ 0.44	1.6 / 1.2/ 0.58	0.8 / 0.71/ 0.45	0.8 / 0.7/ 0.43
Connectivity for external Pt100 probe	Yes						
External pump flow rate (pressure) (l/min)	25					32	
External pump flow rate (suction) (l/min)	23					-	-
External pump power (pressure) (mbar)	700					1100	
External pump power (suction) (mbar)	400					-	-
Operating mode	Continuous, timer or programming						
Programming	5 programmes, 150 phases						
Dimensions (L x W x H) (mm)	310 x 490 x 757		525 x 615 x 787	310 x 510 x 757	310 x 610 x 757	350 x 540 x 927	450 x 690 x 927
Weight (kg)	44		76	45	48	55	66
Part no.	**245607**	**245608**	**245609**	**245610**	**245611**	**245612**	**245613**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Part no. with ball bearing pump	**245618**	**245619**	**245620**	**245621**	**245622**	**-**	**-**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**	**-**

CertoClav autoclaves

CERTOCLAV



- CertoLock closure system: secure locking with a handle; no handling with screw threads
- CertoSecure security system, 4 safeguards: safety lid lock against opening under pressure, anti-blockage safety control valve, overpressure valve, overpressure safety valve
- Built-in heating at the bottom of the enclosure; the heating elements are not in the water, extending the lifespan
- In compliance with international standards requirements
- GS marking according to DIN and VDE/IEC standards (EN61010:1:2001 and 61010:2:040:2005)

Aluminium tank

Model EL (Photo 2)

- Control by thermostat and valve
- Valve pressure display and thermostat temperature display
- 4 levels of operating temperatures/ pressures 115 °C/0.7 bar; 121 °C/1.3 bar; 125 °C/1.4 bar and 140 °C/2.7 bar

Multicontrol model

- Microprocessor temperature control
- PT100 probe
- Programmable in time (1 min. intervals) and temperature (from amb. to 140°C)
- Separate control unit with digital display
- RS232 and USB port
- Basic software available for free download
- Professional software for programming temperature ramps to be ordered separately

Model	EL				Multicontrol
Temperature range °C	115/121		125/140		20 to 140 °C
Maximum sterilisation temperature °C	115 or 121	125 or 140	115 or 121	125 or 140	20 to 140
Volume (l)	12	18	12	18	12
Chamber dim. Ø x H x usable H (cm)	24 x 26 x 23	24 x 39 x 36	24 x 26 x 23	24 x 39 x 36	24 x 26 x 23
Device dmin. H x W x D (cm)	50.5 x 27.5 x 39.5	66.5 x 27.5 x 39.5	50.5 x 27.5 x 39.5	66.5 x 27.5 x 39.5	48 x 27.5 x 27.5
Weight (kg)	6.2	7.6	6.2	7.6	6.6
Power supply	230V 50/60 Hz				
Power (W)	1900				
Part no.	432003	432007	432002	432006	432010
€	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. autoclave with basket	432005	432009	432004	432008	432012
€	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. Professional Software	432072	-	-	-	-
€	N/A -	-	-	-	-

Stainless steel tanks 304L

Classic model (Photo 4)

- Precision valve control and thermostat
- Timer

MultiControl model 2 (Photo 5)

- Pre-installed standard programs
- RS232 port for printer and USB port
- Basic software version for PC data monitoring (Pro version: advanced programming)

Connect model (Photo 1)

- Fully automated
- Touchscreen and intuitive interface
- User tasks explained in video on the machine
- Software
- Connection to CertoCloud for data storage (free version: 6 months)
- Wi-Fi internet connection
- BPL compliant

Model	Classic	Classic	MultiControl 2	Connect
Volume (l)	18	18	18	18
Temperature range (°C)	125/140	115/121	140	140
Chamber dim. Ø x H x usable H (cm)	26 x 35 x 30	26 x 35 x 30	26 x 35 x 30	26 x 35 x 30
Device dim.. H x W x D (cm)	60 x 44 x 40	60 x 44 x 40	60 x 44 x 40	60 x 44 x 40
Weight (kg)	10	10	10	15
Power supply	230V 50/60 Hz	230V 50/60 Hz	230V 50/60 Hz	230V 50/60 Hz
Power (W)	1300	1300	1300	1300
Part no.	432014	432015	432016	432018
€	N/A -	N/A -	N/A -	N/A -

Baskets

Part no.	Ø (cm)	For autoclave	€
432022	25	Classic, MultiControl 2 and Connect	N/A -
432023	23	Essential, EL, MultiControl (2 baskets possible in 18 L models)	N/A -

Printer supplied with power plug, USB cable, and a roll of paper.

Part no.	For autoclave	€
432021	Essential and MultiControl 2 (to be ordered with the autoclave)	N/A -

PT100 temperature probe for measuring temperature inside autoclaved samples (particularly liquid)

Part no.	For autoclave	€
432024	Connect	N/A -

ClearLine®benchtop autoclaves

- Benchtop autoclaves for solids or liquids
- 9 or 12 litre versions
- Compact and portable
- Simple, intuitive programming
- Classic Media has a built-in safety mechanism that prevents the lid from opening until the internal temperature has dropped below 80°C





Model	Classic	Classic plus	Classic Média	Classic Podiaclave
Chamber volume	9	12	12	9
Chamber size Ø x H (cm)	21 x 23	21 x 27	21 x 27	21 x 23
Sterilisation temperature (-0.5/+1 °C)	126	126	121	134
Sterilisation time (min)	11	11	28	3
Pressure (Bar)	1.6	1.6	1.05	1.6
Maximum cycle time	22	22	70	20
Type of products	Unpackaged solids	Unpackaged solids	Liquids only	Unpackaged solids
Load weight	3 kg	4 kg	2 x 500 ml	3
Dimensions Ø x H (cm)	34 x 33.5	34 x 42	34 x 42	34 x 33.5
Weight (kg)	5.4	6.3	6.3	5.4
Type of lid	Standard	With handle and thermometer	Standard	Standard
Printer	No	No	Optional	Yes
Equipment	Basket	Basket	Basket	Basket
Part no.	434000	434001	434002	434003
€	N/A -	N/A -	N/A -	N/A -



Control panel

Prices are indicative and excluding tax. Visit Dutscher.com

23 and 85 litre manual door autoclaves



950476

Semi-automatic autoclaves
- AISI 316 stainless steel chamber
- With all stainless steel tray
- Pressure gauge
- Choice of temperature and time (electronic timer)
- Pressure regulation
- Audible signal to announce the end of the programme

Automatic autoclaves:
- Equipped with an intra-load PT100 temperature sensor
- LCD display showing pressure, temperature, time and error messages
- 6 standard programmes
- Digital display of the sterilisation time
- Optional: thermal printer

Model	23 litres		85 litres
Type	Horizontal		Vertical
	Semi-automatic	Automatic	Semi-automatic
Dim. Int (Ø x L) (cm)	25 x 42		38 x 68
External dimensions (l x h x d) (cm)	51 x 36.5 x 54.5		65 x 92.5 x 50
Water filling	Manual	Manual	Automated
Intra-load temperature probe	No	Yes	No
Erlenmeyer flask capacity			
250 ml	9	9	48
500 ml	4	4	21
1000 ml	-	-	8
2000 ml	-	-	6
3000 ml	-	-	4
5000 ml	-	-	1
Bottle capacity Schott-Duran			
250 ml	12	12	72
500 ml	9	9	33
1000 ml	-	-	16
2000 ml	-	-	8
5000 ml	-	-	2
Heating power (kW)	2.2		6
Power supply	220 V + N+T		380 V / 50 Hz / 3 ph + N + T
Weight (kg)	35		110
Part no.	950476	950591	950754
€	N/A -	N/A -	N/A -

Thermal printer options

For model	23 litres Horizontal automatic	85 litres Vertical automatic
Part no.	950770	950771
€	N/A -	N/A -

Accessories

Part no.	Designation	Dimension ext. l x h x p / Ø x h (cm)	Maximum number of elements per autoclave	€
For model 23 l				
950769	Stainless steel mesh basket	40 x 17 x 14	1	N/A -
950475	Stainless steel full tank	40 x 17 x 14	1	N/A -
For 85 l horizontal model				
950325	Stainless steel mesh basket	68 x 22.5 x 26	1	N/A -
950328	Stainless steel full tank	68 x 22 x 26	1	N/A -
For vertical model 85 l				
950332	Stainless steel mesh basket, high	35.7 x 33	2	N/A -
950333	Stainless steel mesh basket, low	35.7 x 22	3	N/A -
950337	Stainless steel full tank high	36.6 x 33	1	N/A -
950338	Stainless steel full tank medium	36.6 x 22	2	N/A -
950461	Stainless steel full tank bottom	36.6 x 18	3	N/A -

Autoclave cleaner

- Weak acid to be used diluted for cleaning autoclaves
- For use on walls and also for cleaning water tanks

Part no.	Designation	€
950773A	Autoclave cleaner 1 l	N/A -

CertoClav Vacuum Pro Autoclaves

CERTOCLAV

- Benchtop autoclaves
- 3 volumes
- With internal reservoir or connection to mains water supply
- Distilled water supply only
- 11 pre-installed programs
- 1 user program
- Certocloud software for automatic saving of autoclaving cycles/ reports
- Real-time monitoring of the cycle on PC, tablet, phone
- Connection via Bluethooth or ethernet
- USB port for autoclaving protocol recovery
- Integrated vacuum pump
- Integrated product probe



Volume	12	22	45
Øof the chamber (cm)	20	25	31.9
H of the chamber (cm)	36	45	61.7
Net weight (kg)	51	55	120
Gross weight (kg)	59	63	131
Supplied with	3 trays, 1 tray holder		
Screen	7		
Sterilisation temperature	105 to 136 °C		
Part no.	432039	432033	432040
€	N/A -	N/A -	N/A -

Tray kits

Part no.	Designation	€
432042	Set of 3 trays for autoclave 12 litre	N/A -
432055	Set of 3 trays for autoclave 22 litre	N/A -
432044	Set of 3 trays for autoclave 45 litre	N/A -

Baskets

Part no.	Designation	€
432048	Stainless steel wire basket for autoclave 12 litres	NC -
432049	Stainless steel wire basket for autoclave 22 litres	NC -
432050	Stainless steel wire basket for autoclave 45 litres	NC -
432056	Stainless steel wire basket with drip tray for autoclave 12 litre	NC -
432052	Stainless steel wire basket with drip tray for autoclave 22 litre	NC -
432047	Stainless steel wire basket with drip tray for autoclave 45 litre	NC -

Benchtop autoclaves Tuttnauer 28 litres

Tuttnauer

- Autoclave 28 l, horizontal model
- 2 flexible PT100 temperature probes
- 30 programs including 20 customizable ones
- Manual filling with demineralised water
- Automated drainage
- Supplied with a stainless steel tray



Model	2840 EL-D	2840 ELCG-D
Volume (litre)	28	
Int. dim. (Ø x P) (mm)	280 x 400	
Ext. dim. (l x h x d) (mm)	530 x 440 x 760	
Rapid cooling	No	Yes
Steam generator	No	Yes
Power supply	220 Volts	
Part no.	950571	950370
€	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Vertical autoclaves 60L and 85L T-LAB ECO

Tuttnauer



No water connection required, just a 220V/32A plug!

- Manual filling with demineralised water
- Manually operated door
- Touch and colour screen
- 4 cycle programmes
- Traceability: recording of the last 200 cycles in the autoclave and USB port
- Delivered on castors for greater flexibility

Ideal for the sterilisation of:

+ Liquid
+ Unpackaged instrument
+ Glassware

Model	T-LAB ECO 60	T-LAB ECO 85
Type	Vertical	
Volume (l)	60	85
Int. dim. Ø x W (cm)	39 X 70	40 x 70
Dimensions W x D x H (mm)	64.5 x 98.5 x 81	
Door	Manual	
Water filling	Manual	
Intracharge probe	Yes	
Erlenmeyer flask capacity		
250 ml	13 x 2	13 x 3
500 ml	8 x 2	8 x 3
1000 ml	5 x 1	5 x 2
2000 ml	3 x 1	3 x 2
Bottle capacity Schott-Duran		
250 ml	19 x 2	19 x 3
500 ml	12 x 2	12 x 3
1000 ml	8 x 1	8 x 2
Wastewater reservoir volume (l)	3	3
Cooling water reservoir volume (l)	6	6
Weight (kg)	111	120
Part no.	779004	779000
€	N/A -	N/A -

Accessories

- Compatible with 2 stainless steel mesh baskets or 1 solid basket base for liquid cycles

Part no.	Designation	Ext. dim. Ø x h (cm)	Max. number of items per autoclave	€
779001	T-LAB Eco 85 l autoclave stainless steel mesh basket	36 x 28.5	2	NC -
950759	Full stainless steel backplane	36 x 28.5	1	NC -

Thermal printer

Part no.	Designation	€
779002	Thermal printer	NC -

Floor-standing vertical autoclaves

Autoclave Selecta PRESOCLAVE III 80

- In compliance with the current pressure equipment directives
- Safety valve, pressure switch, and safety thermostat
- 6-point locking system
- Overheat, door ajar, sterilisation phase, and end-of-cycle alarm indicator light
- Pressure gauge for visual inspection of pressure
- External casing, reservoir, and lid in stainless steel
- Stainless steel heating element resistant to corrosion and high temperatures
- Time and temperature display screen





Basket sold separately

Capacity (l)	80
Adjustable T°C	from 115 to 134
Sterilisation duration (min)	from 3 to 99
Usable dim. Ø x h (cm)	40 x 60
Ext. dim.: h x w x d (cm)	107 x 58 x 72
Power consumption (W)	3600
Basket capacity	2
Weight (kg)	100
Part no.	341004B
€	N/A -

Accessory

Part no.	Designation	€
341006	Stainless steel wire basket Ø36 x 28 for PRESOCLAVE II 80	N/A -

Autoclave Selecta AUTESTER ST DRY PV III 80

- In compliance with the current pressure equipment directives
- Standards EN 61010-1, EN 61010-2-40, and EN 61236
- Safety valve, pressure switch, and safety thermostat
- Safety device for the lid preventing opening if the chamber is under pressure
- 6-point locking system
- Cover lid protective envelope
- External casing, reservoir, and lid in stainless steel
- External steam generator, water tank for boiler supply
- Possible to supply the boiler via an external water intake
- Fractionated and atmospheric vacuum purge
- RS 232 outputs for printer and USB for data storage and PC connection
- Option to submerge a Pt100 probe for measuring the temperature of a liquid within the chamber, probe sold separately
- Control panel with temperature and pressure indicators, current program parameters, and real-time graphical representation of the process
- 9 fully configurable programs
- Basket sold separately



Capacity (l)	80
Adjustable T°C	from 105 to 134
Sterilisation duration (min)	from 3 to 59
Usable dim. Ø x h (cm)	40 x 60
External dim. h x w x d cm	107 x 58 x 72
Power consumption (W)	4850
Basket capacity	2
Weight (kg)	136
Part no.	341005B
€	N/A -

Accessories

Part no.	Designation	€
341006	Stainless steel wire basket Ø36 x 28 for AUTESTER ST DRY PV III 80	N/A -
341007	PT100 probe for AUTESTER ST DRY PV III	N/A -

Autoclave Selecta MED 20

- In compliance with the current pressure equipment directives
- Safety valve, pressure switch, and safety thermostat
- Simple and secure closure with a safety mechanism for the lid opening
- Pressure gauge for visual inspection of pressure
- External casing, reservoir, and lid in stainless steel
- Stainless steel heating element resistant to corrosion and high temperatures
- Automatic atmospheric purge
- Overheat, door ajar, sterilisation phase, and end-of-cycle alarm indicator light
- Timer from 0 to 60 mins
- Supplied with two stainless steel baskets Ø 22 x 24 and Ø 22 x 14



Capacity (l)	20
Adjustable T°C	121 or 134
Usable dimensions Ø x h (cm)	24 x 41
External dimensions h x w x d cm	70 x 38 x 38
Power consumption (W)	2500
Basket capacity	1
Weight (kg)	41
Part no.	341003
€	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Autoclaves Tuttnauer 65 to 160 litres

- Volumes from 65 L to 160 L
- Supplied with a tray (horizontal model)
- To be completed with baskets
- Require softened water or reverse osmosis water
- Condensate cooling
- 1 pressure sensor and 2 temperature sensors
- Up to 20 programs, 14 of which are customizable



Tip
For installation, qualification, or an alternative model, please contact us

Horizontal models

Model	3850 EL-D	3870 EL-D	3870 ELPV-D	3870 ELCPV-D	5075 EL-D	5075 ELPV-D	5075 ELCPV-D
Volume (litres)	65	85			160		
Int. dim. (Ø x P) (mm)	380 x 500	380 x 690			500 x 750		
Ext. dim. (l x h x d) (mm)	720 x 540 x 765	720 x 540 x 940			860 x 740 x 1120		
Rapid cooling	No	No	No	Yes	No	No	Yes
Vacuum pump	No	No	Yes	Yes	No	Yes	Yes
Power supply	220 volts	380 Volts tri + N + E					
Part no.	950478	950380	950584	950342	950347	950376B	950494
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Vertical models

Model	3850 ELV-D	3850 ELVC-D	3870 ELV-D	3870 ELVCPV-D	3870 ELVCPVG-D	5075 ELV-D	5075 ELVCPV-D	5075 ELVCPVG-D
Volume (litres)	65		85			160		
Int. dim. (Ø x P) (mm)	380 x 500		380 x 690			500 x 750		
Ext. dim. (l x h x d) (mm)	730 x 1000 x 540		730 x 1000 x 540		730 x 1000 x 700	870 x 1090 x 770		
Rapid cooling	No	Yes	No	Yes	Yes	No	Yes	Yes
Vacuum pump	No	No	No	Yes	Yes	No	Yes	Yes
Steam generator	No	No	No	No	Yes	No	No	Yes
Power supply	380 Volts tri + N + E		380 Volts tri + N + E			380 Volts tri + N + E		
Part no.	950496	950557	950287	950349	950574	950354	950355	950356
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Horizontal autoclaves on casing

- Front loading
- Supplied with a full stainless steel tray
- With a vacuum pump, accelerated cooling, and integrated steam generator
- Automatic filling and draining
- On wheels
- Loading trolley with optional base
- For numerous other options, please contact us for consultation.

Model	3870 ELCPVG-D	5075 ELCPVG-D
Volume (litre)	85	160
Int. dim. (Ø x P) (mm)	380 x 690	500 x 750
Ext. dim. (l x h x d) (mm)	730 x 1366 x 1190	870 x 1578 x 1175
Rapid cooling	Yes	Yes
Vacuum pump	Yes	Yes
Steam generator	Yes	Yes
Power supply	380 Volts tri + N + E	
Part no.	950495	950348
€	N/A -	N/A -

Tip
Are you unsure which autoclave to select? Contact our sales team for a customised analysis



Large volume horizontal autoclaves from 250 to 1000 litres

For all laboratory applications (R&D, quality control, production...)

- Ergonomic loading
- Single or double door (P2, P3)
- Chamber and double wall in 316L stainless steel
- Square or rectangular chamber depending on the model
- 7" touchscreen display
- 3 temperature probes
- Several traceability tools available: printer, USB, PC, CFR21-part11...
- Multiple loading systems available: trolley, base, baskets, sliding shelves

Tip
All Tuttnauer autoclaves are designed and manufactured in accordance with the most stringent European and international guidelines.





Tip
For further information on pricing and the various models, please contact us.

Prices are indicative and excluding tax. Visit Dutscher.com

Portable balances OHAUS™ CX Series

2 YEARS WARRANTY

LOW ENERGY CONSUMPTION



- Large backlit 18 mm LCD display
- ABS housing and stainless steel platform
- External calibration
- Compact design allowing stacking of up to 4 balances
- Battery-powered supply: 3 AA batteries (included) - up to 1000 hours of autonomy
- Power adapter to be ordered separately

Model	CX221	CX621	CX1201	CX2200	CX5200
Capacity (g)	220	620	1200	2200	5200
Display accuracy (mg)	100			1000	
Stabilisation time (s)	1.5		2	1.5	
Platform dim. (mm)	128 x 142				
Dim. (W x D x H) (mm)	135 x 201 x 41				
Net weight (kg)	0.5				
Part no.	333535	333536	333537	333538	333539
€	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
333573	Transport case	N/A -
333574	Power adapter	N/A -

Portable balances EK & EW series

A&D Weighing

5 YEARS WARRANTY



- Backlit LCD screen
- Automatic shutdown function
- RS-232C serial interface
- Operation via mains power, or battery (optional)
- External calibration

EK Series portable scales

Model	EK-200i	EK-300i	EK-410i	EK-610i	EK-1200i	EK-2000i	EK-3000i	EK-4100i	EK-6100i	EK-6000i	EK-12Ki
Capacity (g)	200	300	400	600	1200	2000	3000	4000	6000	6000	12000
Display accuracy (mg)	10				100					1000	
Repeatability (mg)	10				100					1000	
Linearity (mg)	10	20			100		200			1000	
Dim. Tray (mm)	Ø 110				133 x 170						
Dim. L x D x H (mm)	190 x 218 x 55				190 x 218 x 53						
Net weight (kg)	1.1				1.5						
Part no.	785183	785184	785039	785092	785185	785186	785093	785187	785157	785188	785189
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	-	-	-	785092C	-	-	-	-	785157C	-	-
€	-	-	-	N/A -	-	-	-	-	N/A -	-	-

EW Series portable scales

- Affordable models with triple weighing range

Model	EW-150i	EW-1500i	EW-12Ki
Capacity (g)	30 / 60/ 150	300 / 600/ 1500	3000 / 6000/ 12000
Display accuracy (mg)	10 / 20/ 50	100 / 200/ 500	1000 / 2000/ 5000
Repeatability (mg)	10 / 20/ 50	100 / 200/ 500	1000 / 2000/ 5000
Linearity (mg)	± 10 / ± 20 / ± 50	± 100 / ± 200 / ± 500	±1000 / ±2000 / ±5000
Tray size (mm)	Ø 110	133 x 170	
Dimensions (L x W x H) (mm)	190 x 218 x 55	190 x 218 x 53	
Net weight (kg)	1.1	1.5	
Part no.	785194	785195	785196
€	N/A -	N/A -	N/A -
Part no. legal metrology *	785194C	785195C	785196C
€	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
785192	Rechargeable battery kit	N/A -
785191	Lower weighing hook for 4, 6, and 12kg balances	N/A -
785112	Transport and storage case	N/A -

* Supplied with metrology logbook and tracking label.

OHAUS™ Scout™ SKX and STX portable scales

- Stainless steel tray
- Mechanical overload protection
- 1 mg models with weighing bell
- Multiple connectivity options for data storage and communication
- Operates on mains adaptor (supplied) or batteries (4 x AA, not supplied)
- External calibration

Scout SKX scales
- Backlit LCD display
- Simple 4-button control interface

Scout STX scales
- VGA colour touch screen
- Numerous application modes
- GLP printing options (date, time, identifiers)



SKX



STX

Model	123	223	222	422	622	1202	2202	421	621	2201	6201	8200
Capacity (g)	120	220		420	620	1200	2200	420	620	2200	6200	8200
Display accuracy (mg)	1		10					100				1000
Repeatability (mg)	2		10			20		100				1000
Linearity (mg)	3		10		20	30		100			200	1000
Stabilisation time (s)	1.5		1			1.5		1				
Tray size (mm)	Ø 93		Ø 120			170 x 140		Ø 120	170 x 140			
Dim. w x d x h (mm)	202 x 222 x 103		202 x 224 x 54									
Net weight (kg)	1											
Model part no. SKX	092707	-	092708	092709	092710	092711	092712	092713	092714	092715	092716	092717
€	N/A -	-	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Model part no. STX	092718	092719	092720	092721	092722	092723	092724	092725	092726	092727	092728	092729
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
092730	RS232 interface kit	N/A -
092731	USB host interface kit	N/A -
092732	USB device interface kit	N/A -
092734	Ethernet interface kit	N/A -
092735	Transport case	N/A -

Portable balances Navigator™ OHAUS

- Large backlit 20 mm LCD display
- ABS casing and stainless steel platform
- Mechanical overload protection system
- Powered by mains adaptor (included) or 4 C batteries (not included) with 270 h operating time





Model	NV123	NV223	NV323	NV222	NV422	NV622	NV1202	NV2202	NV3202	NV221	NV621	NV1201	NV2201
Maximum capacity (g)	120	220	320	220	420	620	1200	2200	3200	220	620	1200	2200
Display accuracy (mg)	1			10						100			
Repeatability (mg)	2			10	20					100			
Linearity (mg)	3	5		20			30	50		200			
Stabilisation time (s)	2.5			1	1.5		2			1			
Tray size (mm)	Ø 93			Ø 145			190 x 144			190 x 144			
Dim. (l x w x h) (mm)	204 x 230 x 70												
Net weight (kg)	1												
Part no.	333778	333779	333780	333521	333522	333523	333781	333782	333783	333524	333525	333526	333527
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Model	NVT 2201	NVT 4201	NVT 6201	NVT 10201	NVT 2200	NVT 6200	NVT 12000	NVT 22000
Maximum capacity (g)	2200	4200	6200	10200	2200	6200	12000	22000
Display accuracy (mg)	100				1000			
Repeatability (mg)	100	200			1000			
Linearity (mg)	200				2000			
Stabilisation duration (s)	1	1.5			1			
Tray size (mm)	230 x 174							
Dim. (l x w x h) (mm)	240 x 250 x 74							
Net weight (kg)	1.5							
Part no.	092546	333528	333529	333784	333531	333532	333533	333534
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
092547	Rechargeable battery	N/A -
092551	RS232 interface kit	N/A -
092552	USB interface kit	N/A -
092553	Ethernet interface kit	N/A -
333575	Transport case	N/A -
333576	NV stacking kit x 1	N/A -
333577	NV stacking kit x 4	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Laboratory balances FX and FZ



- Large digital fluorescent display
- Weighing with rapid stabilization
- Vertical and lateral overload protection mechanism
- Serial RS232C connection for data transfer, optional USB connection
- Optional internal rechargeable battery
- GLP printing options (date, time, identifiers)

Tip
Find the models with IP65 protection class on Dutscher.com

* Supplied with metrology logbook and tracking label.

Model	F-120i	F-200i	F-300i	F-500i	F-1200i	F-2000i	F-3000i	F-5000i
Capacity (g)	122	220	320	520	1220	2200	3200	5200
Display accuracy (mg)	1				10			
Repeatability (mg)	1				10			
Linearity (mg)	2				20			
Stabilisation time (s)	1							
Tray size (mm)	130				150			
Dim. (W x D x H) (mm)	183 x 262.5 x 85.5							
Net weight	FZ-i: 3.0 / FX-i: 2.5							
External Cal. Fx	785124	785094	785125	785095	785100	785122	785126	785127
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Internal Cal. Fz	785128	785120	785129	785130	781894	785131	785132	785133
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Fz legal metrology *	785128C	785120C	785129C	-	781894C	785131C	785132C	-
Verification level (e) (mg)	10			_	100			-
€	N/A -	N/A -	N/A -	-	N/A -	N/A -	N/A -	-

Analytical and precision balances Apollo GF-A / GX-A


785232


785017

- Backlit LCD screen
- Automatic calculation of minimum weight via the APA function
- Detection of impacts at four sensitivity levels with visual and auditory alerts
- Automatic ignition and shutdown function

Tip
Discover precision balances available in IP65 protection class models on Dutscher.com

* Supplied with metrology logbook and tracking label.

Type	Analytical			Accuracy												
Model	124A	224A	324A	203A	303A	403A	603A	1003A	1603A	2002A	3002A	4002A	6002A	10002A	6001A	10001A
Capacity (g)	122	220	320	220	320	420	620	1100	1620	2200	3200	4200	6200	10200	6200	10200
Display accuracy (mg)	0.1			1						10					100	
Repeatability (mg)	0.1		0,1 / 0,2	1					2	10				20	100	
Linearity (mg)	± 0.2			± 2				± 3		± 20			± 30		± 100	
Stabilisation time (s)	1.5	1,5 / 2		1					1.5	1				1.5	1	
Tray size (mm)	Ø 90			128 x 128						165 x 165						
Dim. w x d x h (mm)	259 x 358 x 332			212 x 317 x 93												
Net weight (kg)	7			5												
Part no. GF-A model (external cal.)	785231	785232	785233	785012	785013	785014	785015	785016	785017	785019	785020	785021	785022	785023	785024	785025
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. GX-A model (internal calibration)	785234	785235	785236	785026	785027	785028	785029	785030	785031	785032	785033	785034	785035	785036	785037	785038
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. GX-AE model (internal cal. with deionizer and IR detector)	785237	785238	785239	-	-	-	-	-	-	-	-	-	-	-	-	-
€	N/A -	N/A -	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-
Part no. GX-A model Legal metrology*	785234C	785235C	785236C	785026C	785027C	785028C	785029C	-	-	785032C	785033C	785034C	785035C	-	785037C	-
Verification level (e) (mg)	1			10				-	-	100				-	1000	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	N/A -	N/A -	N/A -	N/A -	-	N/A -	-

Analytical balances HR-A / HR-AZ

- Backlit LCD screen
- Removable weighing cage for easy cleaning
- Space-saving cylindrical doors
- Automatic ignition and shutdown function

Model	HR-100A(Z)	HR-150A(Z)	HR-251A(Z)	HR-250A(Z)
Capacity (g)	102	152	62 / 252	252
Display accuracy (mg)	0.1		0,1 / 1	0.1
Repeatability (mg)	0.1		0,1 / 0,5	0.2
Linearity (mg)	± 0.2		± 0.3/± 1	± 0.3
Stabilisation time (s)	2			
Tray size (mm)	Ø 90 mm			
Dim. l x w x h (mm)	198 x 294 x 315			
Net weight (kg)	Model A: 3.5 / Model AZ: 3.9			
Part no. HR-A model (external cal.)	785001	785002	785003	785004
€	N/A -	N/A -	N/A -	N/A -
Part no. HR-AZ model (internal cal.)	785005	785006	785007	785008
€	N/A -	N/A -	N/A -	N/A -



GH series semi-micro and analytical balances

Type	Semi-micro		Analytical		
Model	GH-202-EC	GH-252-EC	GH-120-EC	GH-200-EC	GH-300-EC
Capacity (g)	51 / 220	101 / 250	120	220	320
Display accuracy (mg)	0,01 / 0,1		0.1		
Repeatability (mg)	0,02 / 0,1	0,03 / 0,1	0.1		0.2
Linearity (mg)	± 0.03/± 0.2	± 0.1/± 0.2	± 0.2		± 0.3
Stabilisation time (s)	8 / 3,5		3.5		
Tray size (mm)	Ø 90				
Dimensions W x D x H (mm)	271 x 442 x 316				
Net weight (kg)	8.2				
Part no.	781890	785117	781893	785241	785242
€	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	781890C	785117C	781893C	785241C	785242C
Verification level (e) (mg)	0.1/1		1		
€	N/A -	N/A -	N/A -	N/A -	N/A -

- GLP printing options (date, time, identifiers)
- WinCT communication software for data transfer to computer
- Anti-static glass weighing chamber
- Internal calibration

* Supplied with metrology logbook and tracking label.



Accessories

Part no.	Designation	€
785243	Quick USB interface	N/A -
785244	Ethernet Interface + WinCT software	N/A -
785208	Rechargeable portable power unit	N/A -
785222	Density determination kit	N/A -
785245	Protective cover x5	N/A -

Weighing data logger A&D



- Memory 5000 records
- Internal clock for timestamping (does not require GLP balance)
- Without battery, without cells, powered via USB or RS-232
- Compatible with any A&D scale featuring RS-232 connectivity
- Does not require any software or drivers
- Excel-compatible data file

Part no.	Designation	€
785111	Weighing data recorder	N/A -

Benchtop Ioniser A&D

- Ion generator eliminating electromagnetic charges
- Without fans, does not generate airflow
- IR sensor for hands-free activation of the ioniser

Dimensions W x D x H (mm):	68 x 128 x 163
Weight (g)	370
Terms of use	+5 to +40 °C / 85% RH
Part no.	782172
€	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Balances micro, semi-micro, and analytical BM series



- Backlit LCD display
- Antistatic weighing cage with evaporated metal coating
- Ioniser without integrated fan for instant removal of static electricity
- Integrated temperature, humidity, and atmospheric pressure sensors
- GLP printing options (date, time, identifiers)
- RS-232C and serial USB interfaces
- Internal calibration and automatic repeatability test function for consistently cutting-edge accuracy
- Supplied with data logger, calibration weight clamps, and protective cover
- Micro balances delivered with a weighing enclosure to limit temperature fluctuations

Model	Micro				Semi-micro	Analytical		
Model	BM-5	BM-5D	BM-20	BM-22	BM-252	BM-200	BM-300	BM-500
Capacity (g)	5.2	2,1 / 5,2	22	5,1 / 22	250	220	320	520
Display precision (mg)	0.001	0,001 / 0,01	0.001	0,001 / 0,01	0.01	0.1		
Repeatability (mg)	0.0012	0,004 / 0,01	0.0025	0,004 / 0,01	0.03	0.1	0.2	
Linearity (mg)	± 0.010	± 0.010/± 0.02	± 0.010	± 0.010/± 0.02	± 0.10	± 0.2	± 0.3	± 0.5
Stabilisation time (s)	10	8 / 10	10	8 / 10	8	3.5		
Dim. Tray (mm)	Ø 25				Ø 90			
Dim. L x D x H (mm)	259 x 466 x 326							
Net weight (kg)	10							
Part no.	785220B	785221B	785043B	785044B	785045	785046	785047	785048
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
785049	Micropipette calibration kit	N/A -
785222	Density determination kit	N/A -
785224	Ethernet interface with WinCT-Plus software	N/A -
785227	Protective cover for storage	N/A -

Part no.	Designation	€
785228	4 replacement needles for ioniser	N/A -
785229	Foot pedal for print function	N/A -
785230	Foot pedal for tare function	N/A -

Borealis BA & BA-T series micro and semi-micro scales

BA-T model



Model BA



- Automatic door opening and closing by IR sensor
- Fully removable weighing cage
- Impact detection with audible signal for large impacts
- Automatic internal calibration

Model BA

- Backlit LCD display
- Standard features
- 0.001 mg models with external ioniser

BA-T models

- 5" colour touch display
- Numerous features
- Formulation mode for the rapid weighing of multiple samples, with display of target weight and tolerance for each product
- HPLC mode for the preparation of liquids for HPLC, with direct conversion to molar concentration
- Recording of settings modification history and user identification
- Models all delivered with external ioniser

Model	BA-6	BA-6D	BA-225	BA-225D	BA-125D
Capacity (g)	6.2	2,1 / 6,2	220	51 / 220	51 / 120
Display precision (mg)	0.001	0,001 / 0,01	0.01	0,01 / 0,1	0,01 / 0,1
Repeatability (mg)	0.0010 (for 1 g) 0.0030 (for 6 g)	0.0025 (for 1 g) 0.01 (for 6 g)	0.015 (per 50 g) 0.03 (per 200 g)	0.025 (per 50 g) 0.1 (per 200 g)	0.030 (per 50 g) 0.1 (per 100 g)
Linearity (mg)	± 0.010	± 0.010 / ± 0.02	± 0.15	± 0.2	± 0.2
Stabilisation time (s)	Approx. 10 s	Approx. 10 s / 10 s	Approx. 7 s	Approx. 7 s / 3 s	Approx. 7s / 3s
Dim. Tray (mm)	Ø 25 mm		Ø 85 mm		
Dim. L x D x H (mm)	173 x 305 x 204		173 x 305 x 284		
Net weight (kg)	6.2		6.7		
Cat. No. BA	782066	782068	782070	782072	782081
€	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. BA-T	782067	782069	782071	782079	782082
€	N/A -	N/A -	N/A -	N/A -	N/A -

Laboratory balances Pioneer PR & PX OHAUS

- Upper chassis in ABS, weighing platform in stainless steel
- Large illuminated backlit display
- RS232 port for data transfer
- Weighing pan models 0.1 and 1 mg
- Selectable environmental parameters for optimal adaptation to external conditions
- Front-mounted spirit level for quick checking

SAVINGS AND PRECISION



Balances Pioneer PR

Scale type	Analytical		Accuracy							
Model	PR124	PR224	PR223	PR423	PR523	PR1602	PR2202	PR4202	PR4201	PR6201
Capacity (g)	120	220	220	420	520	1600	2200	4200	4200	6200
Display accuracy (mg)	0.1		1			10			100	
Repeatability (mg)	0.1		1			10			100	
Linearity (mg)	± 0.2		± 2			± 20			± 200	
Stabilisation time (s)	3		2			1				
Tray size (mm)	Ø 90		Ø 120			Ø 180				
Dim. (W x D x H) (mm)	201 x 317 x 303					201 x 317 x 93				
Net weight (kg)	4.5					3.5				
Part no. external cal.	333578	333581	333584	333587	333590	333593	333596	333599	333602	333605
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. internal cal.	333579	333582	333585	333588	333591	333594	333597	333600	333603	333606
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	333580	333583	333586	333589	333592	333595	333598	333601	333604	333607
Verification level (e) (mg)	1		10			100			1000	
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Supplied with metrology logbook and tracking label.

Balances Pioneer PX

- RS232 and USB port for data extraction - BPL printing option (date, time, identifiers)

Scale type	Semi-micro			Analytical		Accuracy					
Model	PX85	PX125D	PX225D	PX124	PX224	PX323	PX623	PX3202	PX6202	PX4201	PX12001
Capacity (g)	82	52/120	82/220	120	220	320	620	3200	6200	4200	12000
Display accuracy (mg)	0.01	0.01/0.1	0.01/0.1	0.1		1		10		100	
Repeatability (mg)	0.02	0.02/0.1	0.02/0.1	0.1		1		10		100	
Linearity (mg)	± 0.1			± 0.2		± 2		± 20		± 200	
Stabilisation time (s)	10			4		2		1			
Tray size (mm)	80			90		120		180			
Dim. (W x D x H) (mm)	209 x 321 x 309							209 x 321 x 98			
Net weight (kg)	4.5							3.5			
Part no. external cal.	-	-	-	333348	333351	333354	333764	333331	333766	333362	334180
€	-	-	-	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. internal cal.	333344	333342	333346	333349	333352	333335	333765	333332	333767	333363	334179
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	333345	333343	333347	333350	333353	333355	333964	333358	333965	333364	-
Verification level (e) (mg)	0.1	0,1 / 1		1		10		100		1000	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-

* Supplied with metrology logbook and tracking label.

Benchtop ioniser for balances OHAUS™

Enhance weighing accuracy by reducing static electricity.

- Generation of bipolar ions by Corona discharge, without airflow
- Robust engine
- Adjustable tilt and height of the ioniser

Operating temperature	+5 to +40 °C
Permissible relative humidity	80 %
Dimensions W x D x H (mm)	201 x 133 x 123
Weight (kg)	0.5
Part no.	092766
€	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Laboratory balances Adventurer AX OHAUS



EASE OF USE AND TIME SAVING

2 YEARS WARRANTY

M models: certified for legal metrology



- Touchscreen LCD colour display, operable with laboratory gloves
- 6 mechanical keys for basic operations
- 9 methods for complex applications
- Models 0.1 and 1 mg with a weighing chamber consisting of two glass panels, reducing rear space requirements upon opening
- Data extraction via two USB ports (front and rear)
- BPL printing option (date, time, identifiers)

Scale type	Semi-micro			Analytical			Accuracy		
Model	AX85	AX125D	AX225D	AX124	AX224	AX324	AX223	AX423	AX523
Capacity (g)	80	120 / 50	220 / 120	120	220	320	220	420	520
Display accuracy (mg)	0.01	0,1 / 0,01		0.1			1		
Repeatability (mg)	± 0.01	± 0.1 / 0.01		± 0.1			± 1		
Linearity (mg)	± 0.02	± 0.2 / 0.02		± 0.2			± 2		
Stabilisation time (s)	2 (prec. 0.1 mg) / 8 (prec.) 0.01 mg)			3			2		
Tray size (mm)	Ø 80			Ø 90			Ø 130		
Dim. (W x D x H) (mm)	350 x 240 x 345								
Net weight (kg)	5.1						5.8		
Part no. external calibration	-	-	-	092637	092640	-	092645	092648	092651
€	-	-	-	N/A -	N/A -	-	N/A -	N/A -	N/A -
Part no. internal calibration	334181	334182	334183	092635	092638	092641	092643	092646	092649
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	334181C	334182C	334183C	092636	092639	092642	092644	092647	092650
Verification level (e) (mg)	0.1	1 / 0,1		1			10		
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Supplied with metrology logbook and tracking label.

Scale type	Accuracy									
Model	AX422	AX822	AX1502	AX2202	AX4202	AX6202	AX2201	AX4201	AX8201	AX12001
Capacity (g)	420	820	1520	2200	4200	6200	2200	4200	8200	12000
Display accuracy (mg)	10						100			
Repeatability (mg)	± 10						± 100			
Linearity (mg)	± 20						± 200			
Stabilisation time (s)	1.5									
Tray size (mm)	175 x 195									
Dim. (W x D x H) (mm)	350 x 240 x 105									
Net weight (kg)	4.6								3.8	
Part no. external calibration	092756	092758	092656	092659	092662	334176	092760	092762	092764	334178
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. internal calibration	092755	092757	092654	092657	092660	334175	092759	092761	092763	334177
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	-	-	092655	092658	092661	334175C	-	-	092765	334177C
Verification level (e) (mg)	-	-	100				-	-	1000	
€	-	-	N/A -	N/A -	N/A -	N/A -	-	-	N/A -	N/A -

* Supplied with metrology logbook and tracking label.

Laboratory printers for balances OHAUS



001783



001782B

STP-103

- Fast, silent, and economical
- Reliable and user-friendly

SF40A

- Wall-mounted or tabletop installation

Model	SF40A	STP-103
Printing method	Matrix-based	Thermal
Roll dimensions (L x Ø) (mm)	57.5 x 60	58 x 60
Interface	RS232	
Dim. (W x D x H) (mm)	140 x 205 x 73	100 x 191 x 90
Net weight (kg)	0.74	NC
Part no.	001782B	001783
€	N/A -	N/A -

Accessories

Part no.	Designation	€
092674	Pack of 2 printer paper rolls for SF40A	N/A -
001784	Thermal paper roll for printer STP-103	N/A -
001794	Printer cable STP-103 - compatible with balances Discovery, Explorer, Adventurer Pro, and Pioneer	N/A -
001790	Adapter for RS232 cable for STP-103 printer	N/A -

Laboratory balances by Explorer™ OHAUS

- Large VGA colour touch screen
- Platform display separable for mounting on a column or wall
- External calibration, or automatic internal calibration AutoCal
- Upper housing in ABS, tray in stainless steel
- Models 0.1 and 1 mg with weighing cage, equipped with quick-release antistatic panels
- Equipped with four programmable sensors, allowing hands-free operation for tasks such as printing, calibration, taring, or opening the weighing chamber doors (applicable only to AD models).
- GLP printing options (date, time, identifiers)

INTELLIGENCE PERFORMANCE



Analytical



Semi-micro



Accuracy

Dutscher.com

2 YEARS WARRANTY

* supplied with metrology logbook and tracking label
** AD: automatically opening doors

Scale type	Semi-micro				Analytical			Accuracy			
Model	EX125D	EX125	EX225D	EX225	EX124	EX224	EX324	EX223	EX423	EX623	EX1103
Capacity (g)	52 / 120	120	120 / 220	220	120	220	320	220	420	620	1100
Display accuracy (mg)	0,01 / 0,1	0.01	0,01 / 0,1	0.01	0.1			1			
Repeatability (mg)	0.1	0.02	0,02 / 0,1	0.03	0.1			1			
Linearity (mg)	0.1				0.2			2			
Minimum tolerated weight (g)	0.02				0.16			1.6			
Stabilisation time (s)	3 (prec. 0.1 mg) / 8 (prec.) 0.01 mg)				2		3	1.5			
Tray size (mm)	Ø 80				Ø 90			Ø 130			
Dim. Base (l x w x h) (mm)	230 x 393 x 350							230 x 393 x 350			
Display dimensions (W x D x H) (mm)	195 x 154 x 90							195 x 154 x 90			
Net weight (kg)	7 / AD model: 7.5				6.9			6.9			
Part no. external cal.	-	-	-	-	-	-	-	092617	092618	092568	-
€	-	-	-	-	-	-	-	N/A -	N/A -	N/A -	-
Part no. internal cal.	092687	092689	092691	-	092560	092561	092563	092565	092566	-	092569
€	N/A -	N/A -	N/A -	-	N/A -	N/A -	N/A -	N/A -	N/A -	-	N/A -
Part no. legal metrology *	092688	092690	092692	-	-	092562	092564	-	092567	-	092570
Verification level (e) (mg)	0,1 / 1	0.1	0,1 / 1	-	-	1		-	10		
€	N/A -	N/A -	N/A -	-	-	N/A -	N/A -	-	N/A -	-	N/A -
Part no. cal. interne AD **	-	-	092693	092695	092611	092613	092615	-	-	-	-
€	-	-	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Part no. legal metrology * AD **	-	-	092694	092698	-	092614	092616	-	-	-	-
€	-	-	N/A -	N/A -	-	N/A -	N/A -	-	-	-	-

Scale type	Accuracy								
Model	EX2202	EX4202	EX6202	EX10202	EX6201	EX10201	EX12001	EX24001	EX35001
Capacity (g)	2200	4200	6200	10200	6200	10200	12000	24000	35000
Display accuracy (mg)	10				100				
Repeatability (mg)	10				100				
Linearity (mg)	20				200				
Minimum tolerated weight (g)	16				160		82		
Stabilisation time (s)	1								
Tray size (mm)	Ø 130	190 x 200					377 x 311		
Dim. Base (l x w x h) (mm)	230 x 393 x 98						377 x 120 x 443		
Display dimensions (W x D x H) (mm)	195 x 154 x 90								
Net weight (kg)	4.3		5				10		
Part no. external cal.	092619	092620	092621	-	092622	-	-	-	-
€	N/A -	N/A -	N/A -	-	N/A -	-	-	-	-
Part no. internal cal.	092571	092572	092574	092575	092577	092578	092623B	092625B	092627B
€	N/A -	N/A -	N/A -	-	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	-	092573	-	092576	-	092579	092624	092626	092628
Verification level (e) (mg)	-	100	-	100	-	1000			
€	-	N/A -	-	N/A -	-	N/A -	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
092581	Ethernet interface	N/A -
092583	USB interface cable (type A and B)	N/A -
092584	Terminal extension cable	N/A -

Part no.	Designation	€
092585	Density determination kit	N/A -
092586	Anti-theft device	N/A -
092587	Column kit	N/A -
092588	Windbreak	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Essential laboratory balances Entris® II



- Upper chassis in PBT, weighing platform in stainless steel
- LED touch screen with an intuitive interface, suitable for laboratory gloves
- IsoCal option for automatic internal calibration
- USB-C and RS232 connection for direct data extraction to a computer
- Available with certificate for legal metrology
- BPL printing option (date, time, identifier)



Scale type	Analytical			Accuracy						
Model	BCE64	BCE124	BCE224	BCE223	BCE323	BCE423	BCE623	BCE653	BCE622	BCE822
Capacity (g)	60	120	220	220	320	420	620	650	620	820
Display accuracy (mg)	0.1			1					10	
Repeatability (mg)	0.1			1					10	
Linearity (mg)	0.2			2					20	
Stabilisation time (s)	< 1.5			< 1					< 0.9	
Dim. Tray (mm)	Ø 90			Ø 120					182 x 182	
Dim. (W x D x H) (mm)	219 x 317 x 345							219 x 345 x 145	219 x 317 x 94	
Net weight (kg)	5.9							4.5	4.6	
Part no. external cal.	845103	845046	845062	845058	845071	845079	845099	845107	845095	845119
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. internal cal.	845106	845049	845065	845061	845074	845082	845102	845110	845098	845122
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	845105	845048	845064	845060	845073	845081	845101	845109	845097	845121
Verification level (e) (mg)	1			10					100	
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Supplied with metrology logbook and tracking label.

Scale type	Accuracy									
Model	BCE1202	BCE2202	BCE3202	BCE4202	BCE6202	BCE2201	BCE5201	BCE8201	BCE6200	BCE8200
Capacity (g)	1200	2200	3200	4200	6200	2200	5200	8200	6200	8200
Display accuracy (mg)	10					100			1000	
Repeatability (mg)	10					100			1000	
Linearity (mg)	20					100			1000	
Stabilisation time (s)	< 0.9					< 0.9				
Dim. Tray (mm)	182 x 182									
Dim. (W x D x H) (mm)	219 x 317 x 94									
Net weight (kg)	4.6							4.3		
Part no. external cal.	845042	845054	845066	845075	845091	845050	845083	845115	845087	845111
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. internal cal.	845045	845057	845069	845078	845094	845053	845086	845118	845090	845114
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	845044	845056	845068	845077	845093	845052	845085	845117	845089	845113
Verification level (e) (mg)	100					1000			10000	
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Supplied with metrology logbook and tracking label.

Laboratory balances Sartorius Entris II Advanced



- Graphical touchscreen with an intuitive interface, operable with laboratory gloves
- Real-time integrated upgrade
- Models with internal calibration using the IsoCal function
- Complete documentation and balance tracking using the CalAuditTrail function
- USB connection for data extraction to a computer or direct transfer of values to a USB drive
- Fully dismountable weighing cage for 0.1 and 1 mg models
- GLP printing options (date, time, identifiers)

Scale type	Analytical				Accuracy					
Model	BCA64	BCA124	BCA224	BCA324	BCA223	BCA323	BCA423	BCA623	BCA1203	BCA822
Capacity (g)	60	120	220	320	220	320	420	620	1200	820
Display accuracy (mg)	0.1				1					10
Repeatability (mg)	0.1				1					10
Linearity (mg)	0.2			0.3	2					20
Stabilisation time (s)	1.5				1					0.9
Dim. Tray (mm)	Ø 90				Ø 120					182 x 182
Dim. L x D x H (mm)	188 x 219 x 345									182 x 219 x 94
Net weight (kg)	8				8.1					7
Part no. external cal.	698732	698733	698734	-	698735	698736	698737	698738	-	698739
€	N/A -	N/A -	N/A -	-	N/A -	N/A -	N/A -	N/A -	-	N/A -
Part no. internal cal.	698750	698751	698752	698753	698754	698755	698756	698757	698758	698759
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	698770	698771	698772	698773	698774	698775	698776	698777	698778	698779
Verification level (e) (mg)	1				10				100	100
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Supplied with metrology logbook and tracking label.

Scale type	Accuracy									
Model	BCA1202	BCA2202	BCA3202	BCA4202	BCA6202	BCA2201	BCA5201	BCA8201	BCA10201	BCA12201
Capacity (g)	1200	2200	3200	4200	6200	2200	5200	8200	10200	12200
Display accuracy (mg)	10					100				
Repeatability (mg)	10					100				
Linearity (mg)	20					100				
Stabilisation time (s)	0.9									
Dim. Tray (mm)	182 x 182									
Dim. L x D x H (mm)	182 x 219 x 94									
Net weight (kg)	7									
Part no. external cal.	698740	698741	698742	698743	698744	698745	698746	698747	698748	698749
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. internal cal.	698760	698761	698762	698763	698764	698765	698766	698767	698768	698769
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. legal metrology *	698780	698781	698782	698783	698784	698785	698786	698787	698788	698789
Verification level (e) (mg)	100					1000				
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Supplied with metrology logbook and tracking label.

Prices are indicative and excluding tax. Visit Dutscher.com

Laboratory balances Sartorius Quintix Pro



- High-resolution touch screen, operable with laboratory gloves
- User management with configurable access levels
- Real-time assisted or motorised level (depending on model) for consistently precise measurement
- Single-click adaptation to environmental conditions
- Function for recording calibration dates and times, levels, and parameter changes for perfect traceability
- USB type-C, RS232, and Ethernet connectivity for interfacing a printer or transferring data to a computer
- Tested for use in cleanroom environments A and B, as well as special environments (vacuum, argon, nitrogen...)
- BPL printing options (date, time, identifiers)
- Internal automatic calibration IsoCal

Balance designed to be a truly universal balance

Scale type	Analytical			Accuracy				
Model	QTX324	QTX224	QTX124	QTX1503	QTX1203	QTX623	QTX423	QTX323
Capacity (g)	320	220	120	1500	1200	620	420	320
Display accuracy (mg)	0.1			1				
Repeatability (mg)	0.1			1				
Linearity (mg)	± 0.2			± 2				
Stabilisation time (s)	< 1.5			< 1.0				
Dim. Tray (mm)	Ø 90			Ø 120				
Dim. (W x D x H) (mm)	220 x 377 x 346							
Net weight (kg)	6.7			8.1		6.7		
Part no. assisted level	845471	845472	845473	845474	845475	845476	845477	845478
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. motorised level	845489	845490	845491	845492	845493	845494	845495	845496
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Verification level (e) (mg)	1			10				
Part no. assisted level M*	845543	845544	845545	845546	845547	845548	845549	845550
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. motorized level M*	845561	845562	845563	845564	845565	845566	845567	845568
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Legal metrology version, delivered with a metrology logbook and tracking label.

Scale type	Accuracy									
Model	QTX6202	QTX4202	QTX3202	QTX2202	QTX1202	QTX12201	QTX10201	QTX8201	QTX6201	QTX3201
Capacity (g)	6200	4200	3200	2200	1200	12200	10200	8200	6200	3200
Display accuracy (mg)	10					100				
Repeatability (mg)	10					100			50	
Linearity (mg)	± 20					± 100				
Stabilisation time (s)	< 0.9									
Dim. Tray (mm)	182 x 182									
Dim. (W x D x H) (mm)	215 x 377 x 95									
Net weight (kg)	6.2									
Part no. assisted level	845479	845480	845481	845482	845483	845484	845485	845486	845487	845488
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. motorised level	845497	845498	845499	845500	845501	845502	845503	845504	845505	845506
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Verification level (e) (mg)	100					1000			100	
Part no. assisted level M*	845551	845552	845553	845554	845555	845556	845557	845558	845559	845560
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. motorized level M*	845569	845570	845571	845572	845573	845574	845575	845576	845577	845578
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Legal metrology version, delivered with a metrology logbook and tracking label.

Accessories for laboratory balances Sartorius

Part no.	Designation	Compatibility				Units/box	€/ box
		Entris II®	Practum®	Quintix®	Secura®		
150402	Printer paper YDP40 roll 24 m	x	x	x	x	5	N/A -
149993	Laboratory printer YDP30	x		x	x	1	N/A -
150993	Printer paper YDP30 roll 90 m	x		x	x	1	N/A -
845134	Adhesive paper for YDP30 printer roll 90 m					1	N/A -
146858	Laboratory printer YDP20	x				1	N/A -
147006	Printer paper YDP20 roll 40 m	x				5	N/A -
147005	Printer ribbon for YDP20 printer	x				1	N/A -
150403	Mini-USB / USB-A cable		x	x	x	1	N/A -
150404	Mini-USB / RS232 cable (9-pin)		x	x	x	1	N/A -
845168	USB-C / USB-A cable (to PC)	x				1	N/A -
845150	USB-C / USB-B cable (to printer)	x				1	N/A -
146860	USB cable 1.8 m			x		1	N/A -

Anti-vibration tables and platforms

Anti-vibration tables and platforms





- Table made entirely of granite or with a granite top integrated into the structure
- Adjustable levelling feet

Front glass	Trespa Toplab	Granite	Granite
Anti-vibration surface (l x w) (mm)	300 x 450	Total	
Dimensions (L x W x H) (mm)	750 x 750 x 750	700 x 600 x 750	900 x 600 x 750
Weight (kg)	40	120	135
Part no.	785225	677854	677855
€	N/A -	N/A -	N/A -

Anti-vibration trays



- In granite
- Adjustable levelling feet

Dimensions (W x D x H) (mm)	460 x 400 x 71	550 x 450 x 65
Weight (kg)	27	45
Part no.	785223	677856
€	N/A -	N/A -

Weighing cages for balances

A&D Weighing





- Limit airflow and microtemperature changes that can cause weighing variations
- Antistatic plastic windows to minimise impact on weighing

Front glass	Straight	Tilted
Dimensions (L x W x H) (mm)	680 x 600 x 720	
Weight (kg)	10	
Part no.	782128	782129
€	N/A -	N/A -

Universal holder kits in antistatic silicone

A&D Weighing



Rack kits



Examples of use

- Antistatic conductive silicone
- Kit consisting of 3 stands, compatible with various containers
- Can be returned for the secure retention of tubes

Portoir size	Small	Medium	Big
Dimensions (L x W x H) (mm)	40 x 40 x 32	56 x 56 x 35	67 x 67 x 40
Weight (g)	16	32	45
Part no.	782156		
€	N/A -		

Accessories for balances

Part no.	Designation	Photo	€
677819	Cotton gloves	At	N/A -
677766	Small format brush	B	N/A -
677767	Large format brush		N/A -
677768	Tweezers 10 cm with protected tips non-magnetic	C	N/A -
677851	Tweezers 22 cm with protected tips non-magnetic		N/A -
677852	Weight cleaning kit	D	N/A -
677853	Cleaning bulb with brush		N/A -



At



B



C

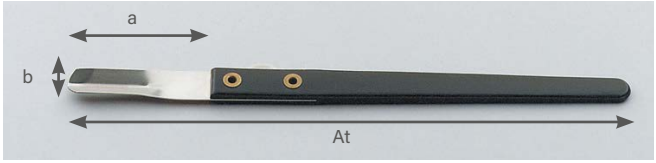


D

Vibrating spatula

Stainless steel with plastic handle and knob for precise powder transfer.

Part no.	Material	Dimensions A x a x B (mm)	ø (mm)	€
076552	18/10 stainless steel	190 x 50 x 12	1	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Precision weight and mass Zwiebel



- Delivered with a certificate of conformity or COFRAC certificate
- Supplied in a plastic case

Weight category E1

- Extreme precision
- For the calibration of class I Semi-micro balances

Value	Tolerance (mg)	Material	Weight + plastic case		Weight + plastic case + COFRAC calibration	
			Part no.	€	Part no.	€
1 mg	0.003	Cobalt alloy wire	467001	N/A -	467001C	N/A -
2 mg	0.003		467002	N/A -	467002C	N/A -
5 mg	0.003		467003	N/A -	467003C	N/A -
10 mg	0.003		467004	N/A -	467004C	N/A -
20 mg	0.003		467005	N/A -	467005C	N/A -
50 mg	0.004		467006	N/A -	467006C	N/A -
100 mg	0.005		467007	N/A -	467007C	N/A -
200 mg	0.006		467008	N/A -	467008C	N/A -
500 mg	0.008		467009	N/A -	467009C	N/A -
1 g	0.01	Stainless steel cylinder	467010	N/A -	467010C	N/A -
2 g	0.012		467011	N/A -	467011C	N/A -
5 g	0.016		467012	N/A -	467012C	N/A -
10 g	0.02		467013	N/A -	467013C	N/A -
20 g	0.025		467014	N/A -	467014C	N/A -
50 g	0.03		467015	N/A -	467015C	N/A -
100 g	0.05		467016	N/A -	467016C	N/A -
200 g	0.1		467017	N/A -	467017C	N/A -
500 g	0.25		467018	N/A -	467018C	N/A -
1 kg	0.5		467019	N/A -	467019C	N/A -
2 kg	1		467020	N/A -	467020C	N/A -
5 kg	2.5		467021	N/A -	467021C	N/A -
10 kg	5		467022	N/A -	467022C	N/A -
20 kg	10		467023	N/A -	467023C	N/A -

Weight category E2

- Very high precision
- For the calibration of class I balances

Value	Tolerance (mg)	Material	Weight + plastic case		Weight + plastic case + COFRAC calibration	
			Part no.	€	Part no.	€
1 mg	0.006	Cobalt alloy wire	467024	N/A -	467024C	N/A -
2 mg	0.006		467025	N/A -	467025C	N/A -
5 mg	0.006		467026	N/A -	467026C	N/A -
10 mg	0.008		467027	N/A -	467027C	N/A -
20 mg	0.01		467028	N/A -	467028C	N/A -
50 mg	0.012		467029	N/A -	467029C	N/A -
100 mg	0.016		467030	N/A -	467030C	N/A -
200 mg	0.02		467031	N/A -	467031C	N/A -
500 mg	0.025		467032	N/A -	467032C	N/A -
1 g	0.03	Stainless steel cylinder	467033	N/A -	467033C	N/A -
2 g	0.04		467034	N/A -	467034C	N/A -
5 g	0.05		467035	N/A -	467035C	N/A -
10 g	0.06		467036	N/A -	467036C	N/A -
20 g	0.08		467037	N/A -	467037C	N/A -
50 g	0.1		467038	N/A -	467038C	N/A -
100 g	0.16		467039	N/A -	467039C	N/A -
200 g	0.3		467040	N/A -	467040C	N/A -
500 g	0.8		467041	N/A -	467041C	N/A -
1 kg	1.6		467042	N/A -	467042C	N/A -
2 kg	3.0		467043	N/A -	467043C	N/A -
5 kg	8.0		467044	N/A -	467044C	N/A -
10 kg	16		467045	N/A -	467045C	N/A -
20 kg	30		467046	N/A -	467046C	N/A -

Weight category F1

- Good accuracy
- For the calibration of class I or II balances

Value	Tolerance (mg)	Material	Weight + plastic case		Weight + plastic case + COFRAC calibration	
			Part no.	€	Part no.	€
1 mg	0.02	Cobalt alloy wire	467072	N/A -	467072C	N/A -
2 mg	0.02		467073	N/A -	467073C	N/A -
5 mg	0.02		467074	N/A -	467074C	N/A -
10 mg	0.025		467075	N/A -	467075C	N/A -
20 mg	0.03		467076	N/A -	467076C	N/A -
50 mg	0.04		467077	N/A -	467077C	N/A -
100 mg	0.05		467078	N/A -	467078C	N/A -
200 mg	0.06		467079	N/A -	467079C	N/A -
500 mg	0.08		467080	N/A -	467080C	N/A -
1 g	0.1	Stainless steel cylinder	467081	N/A -	467081C	N/A -
2 g	0.12		467082	N/A -	467082C	N/A -
5 g	0.16		467083	N/A -	467083C	N/A -
10 g	0.2		467084	N/A -	467084C	N/A -
20 g	0.25		467085	N/A -	467085C	N/A -
50 g	0.3		467086	N/A -	467086C	N/A -
100 g	0.5		467087	N/A -	467087C	N/A -
200 g	1.00		467088	N/A -	467088C	N/A -
500 g	2.50		467089	N/A -	467089C	N/A -
1 kg	5		467090	N/A -	467090C	N/A -
2 kg	10		467091	N/A -	467091C	N/A -
5 kg	25		467092	N/A -	467092C	N/A -
10 kg	50		467093	N/A -	467093C	N/A -
20 kg	100		467094	N/A -	467094C	N/A -

Complete weight sets

- Other set series available upon request

Value	Number of weights	Total weight	Category F1			
			Box		Cofrac calibration	
			Part no.	€	Part no.	€
1 - 500 mg	12	1.11 g	677830	N/A -	677835*	N/A -
1 - 200 g	11	610 g	677831	N/A -	677836*	N/A -
1 - 500 g	12	1110 g	677832	N/A -	677837*	N/A -
1 g - 1 kg	13	2110 g	677833	N/A -	677838*	N/A -
1 g - 2 kg	15	6110 g	677834	N/A -	677839*	N/A -

* To be ordered in addition to the weight.

Value	Number of weights	Total weight	Category E2			
			Box		Cofrac calibration	
			Part no.	€	Part no.	€
1 - 500 mg	12	1.11 g	677840	N/A -	677845*	N/A -
1 - 200 g	11	610 g	677841	N/A -	677846*	N/A -
1 - 500 g	12	1110 g	677842	N/A -	677847*	N/A -
1 g - 1 kg	13	2110 g	677843	N/A -	677848*	N/A -
1 g - 2 kg	15	6110 g	677844	N/A -	677849*	N/A -

* To be ordered in addition to the weight.

Precision weights and masses Ohaus



Individual weight 50 g in plastic casing


Complete set of weights from 1 mg to 500 g


Complete set weighing from 1 g to 2 kg

NEW

Individual weights

Delivered in plastic cases

Value	Material	Category E2				Category F1				Category F2			
		Not certified		NVLAP certified		Not certified		NVLAP certified		Not certified		NVLAP certified	
		Part no.	€	Part no.	€	Part no.	€	Part no.	€	Part no.	€	Part no.	€
1 mg	Stainless steel wire	334339	N/A -	334348	N/A -	334410	N/A -	334419	N/A -	334477	N/A -	334486	N/A -
2 mg		334340	N/A -	334349	N/A -	334411	N/A -	334420	N/A -	334478	N/A -	334487	N/A -
5 mg		334341	N/A -	334350	N/A -	334412	N/A -	334421	N/A -	334479	N/A -	334488	N/A -
10 mg		334342	N/A -	334351	N/A -	334413	N/A -	334422	N/A -	334480	N/A -	334489	N/A -
20 mg		334343	N/A -	334352	N/A -	334414	N/A -	334423	N/A -	334481	N/A -	334490	N/A -
50 mg		334344	N/A -	334353	N/A -	334415	N/A -	334424	N/A -	334482	N/A -	334491	N/A -
100 mg		334345	N/A -	334354	N/A -	334416	N/A -	334425	N/A -	334483	N/A -	334492	N/A -
200 mg		334346	N/A -	334355	N/A -	334417	N/A -	334426	N/A -	334484	N/A -	334493	N/A -
500 mg		334347	N/A -	334356	N/A -	334418	N/A -	334427	N/A -	334485	N/A -	333813	N/A -
1 g	Stainless steel cylinder	334357	N/A -	334371	N/A -	334428	N/A -	334442	N/A -	334494	N/A -	333808	N/A -
2 g		334358	N/A -	334372	N/A -	334429	N/A -	334443	N/A -	334495	N/A -	334506	N/A -
5 g		334359	N/A -	334373	N/A -	334430	N/A -	334444	N/A -	334496	N/A -	334094	N/A -
10 g		334360	N/A -	334081	N/A -	334431	N/A -	334022	N/A -	334497	N/A -	333814	N/A -
20 g		334361	N/A -	334374	N/A -	334432	N/A -	333851	N/A -	334498	N/A -	333811	N/A -
50 g		334362	N/A -	334375	N/A -	334433	N/A -	334023	N/A -	334499	N/A -	334507	N/A -
100 g		334363	N/A -	334082	N/A -	334434	N/A -	334445	N/A -	334500	N/A -	333812	N/A -
200 g		334364	N/A -	334376	N/A -	334435	N/A -	333852	N/A -	334501	N/A -	334508	N/A -
500 g		334365	N/A -	334377	N/A -	334436	N/A -	334101	N/A -	334502	N/A -	334086	N/A -
1 kg		334366	N/A -	334378	N/A -	334437	N/A -	333853	N/A -	334503	N/A -	334509	N/A -
2 kg		334367	N/A -	334379	N/A -	334438	N/A -	334083	N/A -	334504	N/A -	334510	N/A -
5 kg		334368	N/A -	334380	N/A -	334439	N/A -	333854	N/A -	334505	N/A -	334511	N/A -
10 kg		334369	N/A -	334381	N/A -	334440	N/A -	334446	N/A -	333984	N/A -	334084	N/A -
20 kg		334370	N/A -	334382	N/A -	334441	N/A -	334447	N/A -	333985	N/A -	334085	N/A -

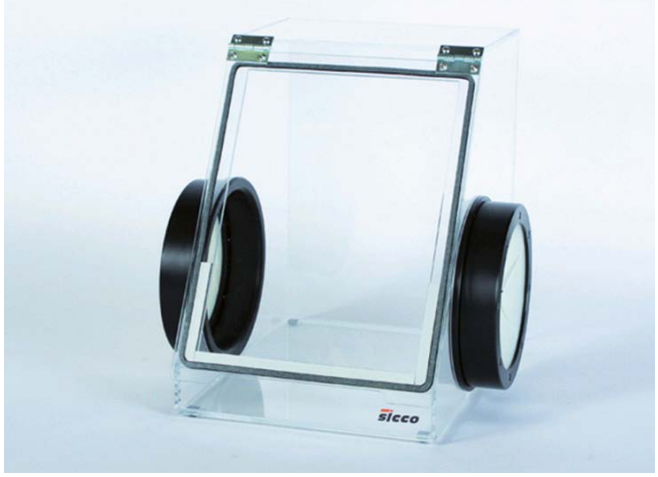
Complete weight sets

Supplied in a plastic case with a brush and tweezers

Value	Nb. Weight	Category E2				Category F1				Category F2			
		Not certified		NVLAP certified		Not certified		NVLAP certified		Not certified		NVLAP certified	
		Part no.	€	Part no.	€	Part no.	€	Part no.	€	Part no.	€	Part no.	€
1 mg - 500 mg	12	334383	N/A -	334397	N/A -	334448	N/A -	334462	N/A -	334512	N/A -	334526	N/A -
1 mg - 50 g	20	334384	N/A -	334398	N/A -	334449	N/A -	334463	N/A -	334513	N/A -	334527	N/A -
1 mg - 100 g	21	334385	N/A -	334399	N/A -	334450	N/A -	334464	N/A -	334514	N/A -	334528	N/A -
1 mg - 2 x 200 g	23	334100	N/A -	334102	N/A -	334451	N/A -	334465	N/A -	334515	N/A -	334529	N/A -
1 mg - 500 g	24	334386	N/A -	334400	N/A -	334452	N/A -	334466	N/A -	334038	N/A -	334530	N/A -
1 mg - 1 kg	25	334387	N/A -	334401	N/A -	334453	N/A -	334467	N/A -	334516	N/A -	334531	N/A -
1 mg - 2 x 2 kg	27	334388	N/A -	334402	N/A -	334454	N/A -	334468	N/A -	334517	N/A -	334532	N/A -
1 mg - 5 kg	28	334389	N/A -	334403	N/A -	334039	N/A -	334469	N/A -	334518	N/A -	334533	N/A -
1 g - 50 g	8	334390	N/A -	333773	N/A -	334455	N/A -	334470	N/A -	334519	N/A -	334534	N/A -
1 g - 100 g	9	334391	N/A -	334404	N/A -	334456	N/A -	334471	N/A -	334520	N/A -	334535	N/A -
1 g - 2 x 200 g	11	334392	N/A -	334405	N/A -	334457	N/A -	334472	N/A -	334521	N/A -	334536	N/A -
1 g - 500 g	12	334393	N/A -	334406	N/A -	334458	N/A -	334473	N/A -	334522	N/A -	334537	N/A -
1 g - 1 kg	13	334394	N/A -	334407	N/A -	334459	N/A -	334474	N/A -	334523	N/A -	334538	N/A -
1 g - 2 x 2 kg	15	334395	N/A -	334408	N/A -	334460	N/A -	334475	N/A -	334524	N/A -	334539	N/A -
1 g - 5 kg	16	334396	N/A -	334409	N/A -	334461	N/A -	334476	N/A -	334525	N/A -	334540	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Mini glove box



- Acrylic chamber (PMMA)
- Temperature resistant from -20 ° C to +70 ° C
- Rubber feet
- Side openings for gloves
- Lightweight, easily transportable

Ext. Dimensions W x H x D (mm)	300 x 400 x 400
Int. Dimensions W x H x D (mm)	290 x 390 x 390
Volume (l)	34
Weight (kg)	5.7
Max. load (kg)	10
Opening for gloves (mm)	190
Part no.	499108
€	N/A -

Glove box



- For safe and contamination-free sample handling
- Panels made of clear acrylic (PMMA); light and rigid aluminium frame (total weight 14 kg); base panel made of PE
- Temperature resistant from - 20 °C à + 70 °C
- Hermetic
- Gas filling connector with self-closing valve
- Ext. dim. / int. W x H x D: 890 x 700 x 600 mm / 850 x 500 x 540 mm
- Max. load approx. 40 kg
- Supplied with quick connection, olive and size 9 gloves

Optional: 2-door airlock for sample introduction

- Capable of holding a 1000 ml bottle
- Safety system to prevent simultaneous opening of both doors
- Ext. dim. / int W x H x D: 320 x 330 x 260 mm / 220 x 275 x 320 mm

Part no.	Designation	€
490942	Glove box	N/A -
490941	Glove box + airlock	N/A -

Gloves for glove box

- Ambidextrous gloves
- Suitable for 190 mm diameter opening
- Length 750 mm
- Made of natural rubber, antistatic
- Tear, puncture and abrasion resistant

Size	7	8	9	€ per pair
Part no.	490943	490944	490945	N/A -

Gas regulator for glove box



- Regulates the gas inlet to the glove box to reduce gas consumption
- Supplied with sensor, tubing to connect the flow meter to the measuring instrument and power cable

Humidity range	0 - 50 % rF / rH
Temperature range	- 20 °C to 60 °C
Display range	0.1 - 99 %, - 30 °C to 70 °C
Precision sensor	0.1 rF/rH, 0.1 °C
Gas flow meter (l/min)	2-10
Sensor length (m)	1.2
Weight (kg)	1.8
Part no.	499109
€	N/A -

Knife mill Pulverisette 11

FRITSCH

Industrial-grade knife mixer and homogenizer.
The specially curved blades ensure a uniform sample result very quickly.
Through its quick and meticulous operation, it proves to be effective for wet, oily, or greasy samples, as well as for dry, soft, semi-hard, and fibrous samples.
Ideal for sample preparation in the field of food, pharmaceutical, and chemical product testing.

- High-power motor, up to 1250 watts
- Adjustment of rotational speed between 2,000 and 10,000 rpm, with a turbo function reaching 14,000 rpm
- Different possible work modes: continuous, alternating, and intermittent
- Working volume of the grinding vessel up to 1400 ml
- Knife blades with four cutting edges, capable of reaching 56,000 cutting operations per minute
- Up to 20 recordable programs
- Easy cleaning
- The tank, lid, and blade are autoclavable for performing sterile grinding processes.
- Optionally, PP grinding tanks equipped with a knife are available in 40 ml and 100 ml capacities, ideal for quality testing in the industry.
- Basic equipment supplied includes: polycarbonate grinding bowl, a lid, and a stainless steel blade



Principle of operation	Cut
Preferred material	Moist, oily or greasy as well as dry, soft, semi-hard, and fibrous samples
Max. initial size (relative to the material)	40 mm
Loading quantity (depending on the nature of the sample)	< 1400 ml, 40 ml with Vario lid system
Final granulometry (depending on the nature of the sample)	< 300 µm
Average grinding duration	30 secs
Variable adjustment of rotational speed	From 2000 to 10,000 RPM, turbo function with a maximum of 14,000 RPM for a duration of 6 seconds
Maximum peripheral speed of the scalpel	~ 67 m/s
Max. diameter of the blade	128 mm
Operating mode	Continuous, alternating and intermittent mode
Engine power	1250 watts
Electrical connection	200 - 240 V/1~, 50/60 Hz, 1250 W
Noise level (dB)	71
Weight (kg)	17.6
Dimensions W x D x H (cm)	Table device 32 x 43 x 48
Part no.	445693
€	N/A -

Grinding tanks

Part no.	Designation	€
445694	Standard PC plastic grinding tank, autoclavable **	N/A -
445696	Glass grinding tank	N/A -
445697	Milling tank made of Eastman Tritan Copolyester	N/A -

** Standard equipment.

Single-use grinding tanks

Requires adapter for single-use tank.

Part no.	Designation	€
445707	Adapter for 40 ml and 100 ml single-use grinding tank	N/A -
445708	Single-use PP grinding tanks, 40 ml - pack of 10	N/A -
445709	Single-use PP grinding tanks, 40 ml - pack of 100	N/A -
445710	Single-use PP grinding tanks, 100 ml - pack of 10	N/A -
445711	Single-use PP grinding tanks, 100 ml - pack of 100	N/A -

Knives equipped with 4 blades

Part no.	Designation	€
445703	Standard stainless steel scalpel	N/A -
445704	Stainless steel knife	N/A -
445705	Knife with serrated stainless steel blades	N/A -
445706	Knife with serrated stainless steel blades and titanium coating	N/A -

** Standard equipment.





Lids for grinding tank

Part no.	Designation	€
445698	Standard silicone lid **	N/A -
445699	Vario lid system with PP plastic push rod and pusher	N/A -
445700	Reduction plunger for the Vario system	N/A -
445701	Special lid for single-use cryogenic fragmentation	N/A -
445702	Single-use sieves for cryogenic fragmentation - pack of 10	N/A -

** Standard equipment.

Prices are indicative and excluding tax. Visit Dutscher.com

KINEMATICA Laboratory Mixers

KINEMATICA

IP 20

2 YEARS WARRANTY



Standalone grinder, part no. 497953 or 497655

- Mixer crusher with blades for mixing, dispersing, homogenizing and emulsifying
- Robust, reliable and easy to use
- 2 versions available: MB 950G up to 1000 ml and MB 950S up to 4000 ml
- Capacity: bowls from 125 ml to 4000 ml (to choose from)
- On/Off switch
- Speed control: rotary control and smooth adjustment
- Variable speed: from 1 to 17000 rpm depending on model
- Ergonomic: easy bowl change, easy cleaning in a laboratory washer
- Various borosilicate glass bowls for model MB 950G with mandatory protective cover
- Various stainless steel bowls for model MB 950S
- Mixers to equip with a safety bowl and lid or steel bowl



Equipped grinders

Model	MB 950G	MB 950S
Working volume	125, 250, 500, 1000 ml	2000 or 4000 ml
Rotation speed range	1000 to 17000	
Power (W)	950 to 1700	
Noise level	72 dB at 17,000 rpm	
Supply voltage	230 V, 50/60 Hz	
Weight (kg)	5.8	
Part no.	497653	497655
€	N/A -	N/A -



Stainless steel grinding bowls



Borosilicate glass grinding bowls

Dutscher.com

Mandatory accessories for grinders

Bowls and lids for MB 950G grinder-mixer

Part no.	Designation	€
497602	125 ml borosilicate glass grinding bowl with cutter head*	N/A -
497603	250 ml borosilicate glass grinding bowl with cutter head*	N/A -
497604	500 ml borosilicate glass grinding bowl with cutter head*	N/A -
497605	1000 ml borosilicate glass grinding bowl with cutter head*	N/A -
497608	Safety lid for 125 ml bowl	N/A -
497609	Safety lid for 250 ml bowl	N/A -
497610	Safety lid for 500 ml bowl	N/A -
497611	Safety lid for 1000 ml bowl	N/A -

* Must be completed with a safety lid.

Bowls and lids for MB 950S grinder-mixer

Part no.	Designation	€
497606	2000 ml stainless steel grinding bowl with cutter head	N/A -
497607	4000 ml stainless steel grinding bowl with cutter head	N/A -

Waring Blendor 4 litre laboratory blender



more products Dutscher.com

Laboratory mixer with 4 litre stainless steel container.

- Preselected speed
- Supplied with lid

Capacity (l)	4
Buttons	Off-Lo-Med-Hi-Pulse
Speeds (rpm)	15800, 18000 and 20800
Base	Stainless steel casing coated with grey epoxy
Containers	Stainless steel + polycarbonate lid and rubber seal
Blades	Stainless steel
Height (cm)	66
Weight (kg)	17.2
Part no.	087137
€	N/A -

Brushed stainless steel grinder 50 g

Fast grinding of hard foods such as coffee, seeds..

- Shredder for small quantities
- Only works if the cover is in place
- Degree of grind adjustable at the touch of a button
- Non-slip feet

Power	150 Watts
Dimensions H x W x D (cm)	17.5 x 9.1 x 9.1
Weight (kg)	0.79
Part no.	067270
€	N/A -



NEW

Mini chopper with 1-litre glass container

Integr. security mechanism

- Stainless steel knife with 4 blades on 2 levels
- 2 power levels for fine or coarse grinding
- Non-slip ring for glass container

Power	400 Watts
Capacity (ml)	1 000
Dimensions H x W x D (cm)	24.7 x 15.5 x 15.5
Weight (kg)	1.8
Part no.	067267
€	N/A -



NEW

2 YEARS WARRANTY

Analysis mill A 11

IKA®

Grinder for hard and breakable substances.

2 YEARS WARRANTY

Max. speed (rpm)	28000
Max. usable volume (ml)	80
Max. particle size of the load (mm)	10
Dimensions (mm)	85 x 240 x 85
Weight (kg)	1.5
Part no.	250093
€	N/A -



Options

Part no.	Designation	€
250394	Blade knife for grinding soft and fibrous materials	N/A -
250393	Flail with chromium carbide coating	N/A -
2983100	Grinding chamber	N/A -
250235	Grinding chamber 250 ml	N/A -
250219	Double scourge for hardness up to 3 Mohs	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Homogeniser blender Stomacher® 400






1-space rack


10-space rack

Dual action mixing and stirring grinder for homogenisation of the samples directly in sterile bags. The round bottom of the bags, combined with the shape of its circular blades, ensures optimal recovery of cells and organisms contained in the samples to be processed.

- Digital speed and time display
- 3 possible speed and time settings for repeatability
- From 80 ml to 400 ml

Part no.	Designation	€
3193153	Stomacher® 400 Circulator	N/A -

Racks and accessories for Stomacher® 400

Part no.	Designation	€
3193178	1-space rack	N/A -
3193179	10-space rack	N/A -
3193181	Bag opening device	N/A -
3193183	Clip for bag closure (200 units)	N/A -

Sterile bags for Stomacher® 400

- Round-bottom sterile bags for Stomacher® 400 only
- Optimal sample recovery
- Filter sterile for easy sample recovery without clogging

Part no.	Designation	Dim. of sachets (mm)	Sample Volume (ml)	Units/ box	€/ box
3193168	Standard bag	177 x 305	80 - 400	10 sets of 50 (500)	N/A -
3193171	Sterile bag with closure	177 x 305	80 - 400	10 sets of 25 (250)	N/A -
3193172	Sterile bags with filter	177 x 305	80 - 400	10 sets of 20 (200)	N/A -

Stomacher® 80 biomaster and biomaster 80 microbiomaster





10-space rack
3193177

Reciprocating blade grinder, for processing samples between 250 µl and 80 ml.
2 models available: the Stomacher® 80 Biomaster and the Stomacher® 80 Microbiomaster. The microbiomaster has a mechanism for processing samples between 250 µl and 80 ml.

Stomacher® 80 Microbiomaster

- For volumes from 250 µl to 80 ml (directly in sterile bags)
- Processing of small volumes of 250 µl (V-bottom micro-bags)
- Adjustable door (turning knob) to reduce or increase the distance between the door and the blades as required

Part no.	Designation	€
3193152	Stomacher® 80 Microbiomaster	N/A -

Stomacher® 80 Biomaster

- For volumes from 5 ml to 80 ml directly in sterile bags

Part no.	Designation	€
3193151	Stomacher® 80 Biomaster	N/A -

Sterile bags and racks

Part no.	Designation	Bags size (mm)	Volume samples	Units/ box	€/ box
3193157	Sterile bag	105 x 155	5 - 80 ml	40 packs of 50 (2000)	N/A -
3193158	Sterile bag with closure	105 x 155	5 - 80 ml	10 packs of 20 (200)	N/A -
3193159	Sterile bags with filter	105 x 155	5 - 80 ml	10 packs of 20 (200)	N/A -
3193160	Sterile bag with closure and filter	105 x 155	5 - 80 ml	10 packs of 20 (200)	N/A -
3193177	Rack for 10 bag positions Stomacher® 80	-		1	N/A -

Suction pipettes and straw tips for Stomacher® 400 and 80 bags





The straw tips allow you to reach the bottom of the bags due to their length of 190 mm or 240 mm, avoiding contamination and touching the pipette itself.

Part no.	Designation	Units/ bag	Units/ box	€/ box
041120	Acura 810 Fixed Volume Sampling Pipette	-	1	N/A -
041110	Sterile straw pipette 1.1 ml, length: 190 mm	25	1000	N/A -
041115	Sterile straw pipette 2.2 ml, length: 240 mm	25	1000	N/A -

Stomacher® 3500 and Stomacher® 3500 Thermo

For mixing large volumes of samples up to 3500 ml.
A model with a heating resistor has been specially designed for the treatment of certain samples.

- For volumes from 1000 and 3500 ml directly in sterile bags
- Heating up to 50 °C (Stomacher® 3500 Thermo only)

Part no.	Designation	€
3193154	Stomacher® 3500	N/A -
3193156	Stomacher® 3500 Thermo	N/A -



Sterile bags and racks

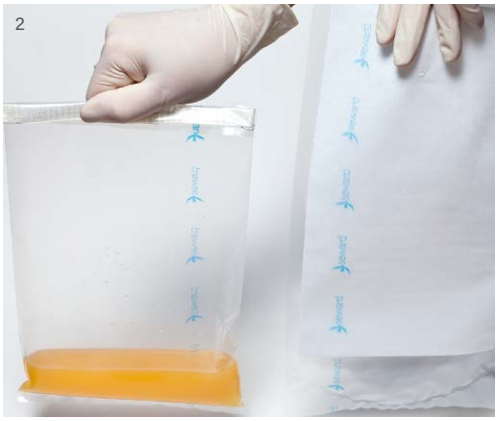
Part no.	Designation	Bags size (mm)	Volume samples (ml)	Units/ box	€/ box
3193173	Standard sterile bag	380 x 510	400 - 3500	5 sets of 50 (250)	N/A -
3193174	Standard reinforced sterile bag	380 x 510	400 - 3500	10 sets of 20 (200)	N/A -
3193180	3-space rack	-	-	1	N/A -



3-space rack



1



2



4



3

Photo 1: Sterile bags; from left to right:
- standard sterile bag for Stomacher® 400;
- micro sterile bag for Stomacher® micro 80;
- sterile closure bag for Stomacher® 400;
- micro closure bag;
- standard bag for Stomacher 400.

Photo 2: on the left, sterile closure bag for Stomacher® 80.
On the right: sterile filter bag for Stomacher® 400.

Photos 3 and 4: Sterile bag with filter and closure.

MiniMix CC Mixer

interscience pour la microbiologie



Tip
Mixer bags: see next page

Laboratory mixer for small samples from 5 to 80 ml.
Precise, compact, and equipped with a multifunctional digital display and the Click and Clean® system for thorough cleaning of the blades and mixing chamber.

Part no.	Designation	€
150319	MiniMix CC mixer with window	N/A -
140822	MiniMix CC mixer closed	N/A -

Grinders BagMixer 400P / 400W and 400CC



- Optimal volume: 50 - 400 ml
- Fixed speed: 8 strokes/second (BagMixer 400P and 400 W)
- Variable speed: 4, 6, 8, 10 pulses/second
- Adjustable duration: 30 - 210 s or infinite (BagMixer 400P and 400 W)
- Adjustable duration: 1 s - 1 hour or infinite / countdown
- Detachable paddles: Click & Clean system (BagMixer 400 CC)
- 270° door opening
- Q-Tight leak prevention system
- Glass or stainless steel door

Part no.	Designation	€
140820	Blender stainless steel door BagMixer 400P	N/A -
140821	BagMixer 400W glass door shredder	N/A -
150327	BagMixer 400CC shredder with glass door	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Microbiological grinder JUMBOMIX 3500

interscience
pour la microbiologie



- Allows mixing of samples up to 375 g
- Ideal for sample pooling
- Adjustable blade system to accommodate more complex matrices
- Snap-off blades Click & Clean

304L stainless steel shell	✓
Adjustable mixing force (Patented)	✓
Multifunction digital display	✓
Adjustable vanes	✓
Side-by-side blade stoppage	✓
Detachable blades, Click & Clean (Patented)	✓
Optimal volume for mixing	200 to 3,750 ml
Recovery tank	Optional
Closure Q-Tight	Special closure, eliminating any risk of leakage from the top of the bag
Speed	Variable: 1.5 - 3 - 4.5 - 6 strokes/s
Adjustable duration	1 s to 1 h or 8 / countdown
Door	Solid door
Opening of the door	Opening at 270°
Voltage - Frequency	220-240 V~ 50-60 Hz
Power	400 W
In compliance with	ISO 7218, ISO 6887 and FDA BAM (Bacteriological Analytical Manual)
Dimensions W x D x H (mm)	51.2 x 52.3 x 46.8
Net weight (kg)	55.8
Packaging l x w x h (cm)	61 x 57 x 57
Gross weight (kg)	60.5
Part no.	150380
€	N/A -

Accessories

Part no.	Designation	€
150381	Recovery tank	N/A -
112122	Trolley for JumboMix	N/A -

Sterile microbiology blender-mixer bag ClearLine®

ClearLine®

- In sterile natural HDPE
- Without filter
- Dimensions: 180 x 300 mm

Our Selection

Part no.	Designation	Units/box	€/ box
855133	Sterile microbiology blender bag with mixer and grinder	500	N/A -

Bags for mixers

Full surface sterile bags BagPage®

Large filtration area particularly suitable for the preparation of thick samples.
BagPage® Plus model: sealing at the top of the bag to facilitate locating the compartment for sampling.
BagPage® R model: the filter is made of non-woven material.

Part no.	Designation	Volume (ml)	Dimensions (mm)	Unit of emb.	Units/ box	€/ box
140810	Full-surface filter bag BagPage®	100	95 x 180	25	500	N/A -
140811	Full-surface filter bag BagPage® Plus	400	190 x 300	25	500	N/A -
150311	Filter bag BagPage® R	400	190 x 300	25	500	N/A -
140812	Full-surface filter bag BagPage® Plus	3500	380 x 510	10	100	N/A -

Sterile bags without filter

For the preparation, transport and storage of samples. Freezing possible down to -80°C.

Part no.	Designation	Volume (ml)	Dimensions (mm)	Unit of emb.	Units/ box	€/ box
140800	Sterile bag without filter	80	100 x 150	25	1500	N/A -
140801	Sterile bag without filter	400	180 x 300	25	500	N/A -
140803	Sterile bag without filter	3500	380 x 510	25	500	N/A -

BagOpen® Bag holder

To hold the bag open during filling.

Part no.	Designation	Units/ box	€/ box
150390	Bag support Bagopen® 100 ml	1	N/A -
140825	Bag support Bagopen® 400 ml	1	N/A -
150314	Bag support Bagopen® 3500 ml	1	N/A -

Stainless steel rack for bag mixer-grinder BagRack®

Part no.	Designation	€/ box
140826	Stainless steel rack for 12 mixer-grinder bags, 400 ml	N/A -
140826B	Stainless steel rack for 14 mixer-grinder bags, 400 ml	N/A -

BagFilter® Lateral filter bag

Equipped with a lateral filter designed to collect the solution to be analysed, free from fibres, either through pipetting using the BagPipet® and straw pipettes, or by simple pouring.

Part no.	Designation	Volume (ml)	Dimensions (mm)	Unit of emb.	Units/ box	€/ box
140807	Filter bag BagFilter® / pouring	400	190 x 300	25	500	N/A -
140802	Filter bag BagFilter® / pipetting	400	190 x 300	25	500	N/A -
150391	Filter bag BagFilter® Pull-Up/pipetting PCR, small volumes	400	190 x 300	25	500	N/A -
140804	Filter bag BagFilter® / pipetting	3500	380 x 510	10	100	N/A -

BagLight®sterile bags

Economical sterile bags for mixers.

Part no.	Designation	Volume (ml)	Dimensions (mm)	Unit of emb.	Units/ box	€/ box
150308	BagLight®	100	110 x 85	25	500	N/A -
150309B	BagLight®	400	180 x 290	25	500	N/A -
150310B	BagLight®	3500	380 x 560	25	250	N/A -

Closure clips for bags Stomacher BagClip® 400 ml

Allows all types of bags to be closed by pinching.

Part no.	Designation	Units/ box	€/ box
140827	Closure strip width 195 mm for 400 ml bags	50	N/A -
150332	Closure strip for 80 and 100 ml bags	50	N/A -
150312	Closure strip for 3500 ml bags	50	N/A -
688238	Closure strip length 230 mm	1 000	N/A -
688238A	Closure strip length 230 mm	200	N/A -

Round Flask heaters

- Digital temperature display
- Heat up to 450 °C
- Steel
- Moulded silica insulation
- Fibreglass-coated heating element

Model ES (446776E):

+ equipped with an integrated magnetic stirrer
+ Stirring speed: 100 - 1000 rpm



Part no.	Designation	€
	Heating mantles without stirrer	
446774E	Heating mantles 0-450 °C, 250 ml - 150 W	N/A -
446775E	Heating mantles 0-450°C, 500 ml - 260 W	N/A -
446777E	Heating mantles 0-450°C, 1000 ml - 350 W	N/A -
	Heating mantles with stirrer	
446776E	Heating mantles with stirrer 0-450 °C, 250 ml	N/A -

MM Series Semi-Rigid Heating Mantles

- Steel housing, epoxy paint
- Thermal insulation with ceramic fibre
- Thermoregulation
- With ON/OFF button
- Security class 0

IP 30



Flask diameter (mm)	64	85	105	131	166
Flasks capacity (ml)	100	250	500	1000	2000
Temperature °C	350	350	350	350	450
Accuracy °C	± 5	± 5	± 5	± 5	± 5
Heating capacity (W)	130	180	250	450	600
Dimensions (øxH in mm)	185 x 145	185 x 145	205 x 150	245 x 175	310 x 210
Weight (kg)	1.5	1.5	1.8	2.4	5
Part no.	396000	396001	396002	396003	396004
€	N/A -	N/A -	N/A -	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Safe alcohol lamp

- Screwed candle ring
- Alcohol volume: 100 ml
- Flask width: 7.5 cm
- Total height with cap: 9.5 cm
- Supplied complete with wick, candle ring, cap, flask



Part no.	Designation	€
068811	Complete alcohol lamp	N/A -
068812	Spare wick	N/A -

Matches

Practical, in a box of 240.



Part no.	Designation	€ per 3 x 240
006791	Box of Matches	N/A -

Piezo gas igniter



Automatic piezo gas igniter.

Part no.	Designation	€
424158	Piezo gas igniter	N/A -

Spotflam



- Flame pen
- Flame temperature: 1,750 °C
- Adjustable heating temperature with one-hand operation
- Autonomy exceeding 5 h
- Supplied with C360 cartridge (Part no. 060311)
- Supplied with a soldering iron tip

Part no.	Designation	€
071129	Spotflam	N/A -
060311	Butane gas cartridge 52 g CV360 (6 units)	N/A -

Easyflame flame gun



- Flame adjustment knob
- Locking key for continuous use
- Compatible with 7/16" threaded cartridges (CG1750, Express444, AT2000)

Dimensions (L x W x H) (mm)	240 x 200 x 60
Weight (kg)	550
Part no.	159623
€	N/A -

Accessory

Part no.	Designation	€
159624	Cartridge 175 g butane/propane CG1750	N/A -

PowerJet flaming gun



- Flame adjustment knob
- Lock button for continuous use
- Compatible with 7/16" threaded cartridges (CG1750, Express444, AT2000)

Flame temperature	1350
Dimensions (w x h) (mm)	150 x 180
Weight (g)	300
Part no.	788026
€	N/A -

Accessory

Part no.	Designation	€
788030	Cartridge 175 g butane/propane CG1750	N/A -

Powerjet 2 flaming gun



- Flame adjustment knob
- Lock button for continuous use
- Compatible with CV360 cartridges

Flame temperature	1350
Dimensions (w x h) (mm)	150 x 210
Weight (g)	500
Part no.	788027
€	N/A -

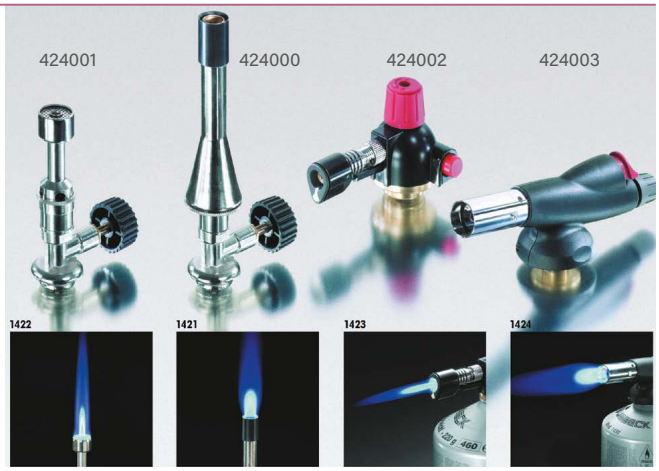
Accessory

Part no.	Designation	€
788028	Cartridge 52 g butane CV360	N/A -

Cartridge burner

- Needle valve
- Air regulation
- 4 burner models designed to be used only with gas cartridges with a special nozzle that fits only on these burners

Part no.	Designation	Temperature (°C)	€
424000	Teclu burner	1450	N/A -
424001	Bunsen burner	1420	N/A -
424002	Microburner	1300	N/A -
424003	High-performance burner	1550	N/A -



Gas cartridge

220 g, 400 ml, specially designed for the above burners.

Part no.	Designation	€
424004	Gas cartridge	N/A -

Butane burners with refillable tank

- Piezoelectric ignition
- Maximum temperature 1300 °C
- Adjustable flame
- Refillable butane tank
- Available in torch format and bench burner with either vertical or angled flame

Model	Torch burner Dragon 100	Vertical flame bench burner Dragon 200	Oblique flame bench burner Dragon 220
Tank capacity (g)	40	35	35
Autonomy (min)	60	60	60
Dimensions L x D x H (mm)	137 x 79 x 161	115 x 79 x 92	115 x 78 x 94
Part no.	886044	886045	886046
€	N/A -	N/A -	N/A -



Universal burner

- For microbiology, bacteriology and dentistry
- Provide a one-off heat or fusion input
- Multiple instantaneous ignition with push button
- Built-in safety lock prevents accidental ignition
- Flame intensity regulator
- Fills with gas using a simple lighter refill
- For butane gas
- Long ignition time
- Powered by 1.5 V battery

Part no.	Designation	€
341022	Universal burner	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Bunsen burners



Teclu burners

- Air regulation
- Pilot flame
- Max. 1300 °C

Part no.	Designation	Type of gas	€
076476	Teclu burner 1.53 kW	Natural	N/A -
076477	Teclu burner 2.32 KW	Propane	N/A -



Teclu burners with needle valve

- Air regulation
- Pilot flame
- Max. 1300 °C

Part no.	Designation	Type of gas	€
076485	Teclu burner 1.53 kW	Natural	N/A -
076486	Teclu burner 2.36 KW	Propane	N/A -



Bunsen burners

- Air regulation
- Max. 1300 °C

Part no.	Designation	Type of gas	€
076472	Busen burner 1.53 kW	Natural	N/A -
076473	Busen burner 2.36 KW	Propane	N/A -



Bunsen burners with needle valve

- Air regulation
- Pilot flame
- Max. 1300 °C

Part no.	Designation	Type of gas	€
076482	Busen burner 1.53 kW	Natural	N/A -
076483	Busen burner 2.36 KW	Propane	N/A -



424015

424014

Meker burner

- Air regulation
- Control valve (under the base for the multi-gas version)
- Tube Ø: 28 mm
- Head Ø: 32 mm
- Weight: 390 g

Part no.	Designation	€
424014	Natural gas Meker burner	N/A -
424015	Multi-gas Meker burner	N/A -



Micro burner with needle valve

- Air regulation
- Max. 1000 °C

Part no.	Designation	Type of gas	€
076480	Micro burner	Natural	N/A -
076481	Micro burner	Propane	N/A -

Gas tubing with clamps or collar

Part no.	Model	Inn. ø x out. ø (mm)	Length (m)	€
071118B	Normagaz for butane*	6 x 12	1.5	N/A -

* With collars, in blister pack.

Gas hoses

Part no.	Inn. ø x out. ø (mm)	Tip ext. ø (mm)	Length	€
091853	10 x 14	20	500 mm	N/A -
091854	10 x 14	20	600 mm	N/A -
091855	10 x 14	20	750 mm	N/A -
091856	10 x 14	20	1000 mm	N/A -

Gas cartridges for burners



Part no.	Designation	Units/box	€/ box
071108	Pierceable cartridge C 206 butane 190 g	1	N/A -
110589		6	N/A -
071135	Valve cartridge CV 300 containing 240 g of butane/propane	1	N/A -
060415	Valve cartridge CV 470 containing 450 g of butane/propane	1	N/A -
060311	Valve Cartridge CV 360 butane 52 g	6	N/A -
060311A		1	N/A -

Phoenix II Series Safety Burners

- UV-resistant stainless steel housing, flame sterilizable
- Integrated instrument holder

Phoenix II Standard and Accu

- Digital display of the ignition time

Model	Phoenix II Eco	Phoenix II Std	Phoenix II Accu
Interface	Analog	Digital	
Control pedal	Yes (included)		Yes (not included)
Infrared sensor	-	Yes	
Timer	-	1 s to 120 min	
Battery autonomy	-		30 h
Compatible tubing Ø int. (mm)	10		
Dim. (W x D x H) (mm)	128 x 160 x 85		
Weight (kg)	1		
Part no.	159607	110578	159611
€	N/A -	N/A -	N/A -



Accessories

Part no.	Designation	€
110580	Adapter Phoenix II for cartridge CV 360	N/A -
110581	Adapter Phoenix II for cartridge C 206	N/A -

Many accessories available on request.

Fuego Safety Burners

- Stainless steel and glass case
- UV and solvent resistant
- Safety system with residual heat display
- Removable Stainless steel and ceramic burner head, autoclavable
- Fuego and Fuego pro model customizable with 2 user accounts
- Supplied with an holding device for 3 inoculation loops

Model	Fuego Basic	Fuego Basic RF	Fuego	FuegoPro
Control pedal	Wired (included)	Radio transmitter (included)	-	-
Infrared sensor	-	-	By click or double-click	
Alarms	Visual		Audible and visual	
Thermoregulation on heated solution	-		From + 35 to + 350 °C	
Dimensions W x D x H (mm)	103 x 130 x 49			
Weight (kg)	0.7			
Battery operation	-	-	-	2 x AA
Part no.	788010	788011	788012	788013
€	N/A -	N/A -	N/A -	N/A -



Accessories

Part no.	Designation	€
788014	Protective screen	N/A -
788015	Adapter for thermocouple probe *	N/A -
788016	Type K immersion thermocouple probe *	N/A -
788017	Adapter for C360 cartridges	N/A -
788018	Adapter for C206 cartridges	N/A -

* Fuego and Fuego Pro compatible only.

Safety burner Flame 100

- Stainless steel case
- Detachable head

Interface	Analog
Maximum flame temperature (°C)	1200
Control pedal	Option
Compatible int. Ø diameter pipes (mm)	10
Dimensions (L x W x H)(mm)	89 x 34 x 88
Weight (g)	385
Part no.	788033
€	N/A -



Adapters for gas cartridges

Part no.	Designation	Autonomy with cartridge	€
788040	Adapter for cartridges CV 360	65 min	N/A -
788043	Adapter for cartridges CV 470	550 min	N/A -
788018	Adapter for cartridges C 206	230 min	N/A -

Control pedals and controllers

Part no.	Designation	€
788020	Stainless steel control pedal	N/A -
788044	Radio footswitch with receiver	N/A -
788041	Mini footswitch	N/A -
788042	External infrared sensor	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

MICROBIO Electric Burner



GoGreen

1/3 renewable energy
+ optimised composition
+ manufactured in France

- Creates a sterile space with a 30cm radius
- Suitable for most applications of a standard gas burner
- Handles for safe transport
- To be completed by a regulator for work under the maximum temperature.

Maximum temperature (°C)	880
Heating power (W)	550
Dimensions (L x W x H)(mm)	145 x 110 x 130
Weight (kg)	2.3
Part no. Microbio only	063114
€	N/A -
Part no. Microbio pack + regulator	063137
€	N/A -

Accessories

Part no.	Designation	€
063115	Temperature controller only	N/A -
063117	Support MICROBIO 2 rods, stand type + 1 perforated platform	N/A -

Electric burner TECHNI+



GoGreen

1/3 renewable energy
+ optimised composition
+ manufactured in France

- Allows use under a fume hood
- Suitable for most applications of a standard gas burner
- Protective shroud always cold

Maximum temperature (°C)	700
Heating power (W)	250
Dimensions (L x W x H)(mm)	90 x 90 x 120
Weight (kg)	1
Part no.	063116
€	N/A -

Accessory

Part no.	Designation	€
063115	Temperature regulator	N/A -

Electric burners Lab2 and Lab3





GoGreen

1/3 renewable energy
+ optimised composition
+ manufactured in France

- For the vertical heating of samples
- Not suitable for creating an aseptic area on the bench (see accessories)

Model	LAB2	LAB3
Heating power (W)	500	900
Dimensions (L x W x H)(mm)	149 x 168 x 191	
Weight (kg)	3.16	3.3
Part no.	LAB2	LAB3
€	N/A -	N/A -

Accessories

- Leveling plate for use in the aseptic area surrounding the heating zone

Part no.	Designation	€
063130	Upgrade plate for microbiology	N/A -
063129	Stand rod 300 mm	N/A -
063128	Spring clip glassware holder with rod	N/A -

Electric burners BB-200 Cole-Parmer



Burner + regulator:
078523B

- Vertical heating of samples, not suitable for creating a sterile zone or for pipette calibration
- Air circulation to keep the base cool to the touch
- Supplied alone or with a regulator for use below the maximum temperature

Maximum temperature (°C)	800
Heating power (W)	400
Dimensions (Ø x h) (mm)	120 x 177
Weight (kg)	0.5
Part no. Burner only	078522B
€	N/A -
Part no. Burner + regulator	078523B
€	N/A -

Solaris steriliser

- No heating time required
- Automatic activation with infrared detection
- Integrated timer 5 or 7 s
- Adjustable tilt angle in 4 steps

Sterilisation temperature (°C)	900 - 1300
Heating power (W)	500
Dum. Int. tube (Ø x l) (mm)	16 x 100
Dimensions (L x W x H) (mm)	152 x 210 x 195
Weight (kg)	2.5
Part no.	159604
€	N/A -



Accessory

Part no.	Designation	€
159605	Quartz replacement tube for Solaris	N/A -

SteriMax Smart Steriliser

- Made of stainless steel with thermally insulated safety glass coating
- Special quartz inner tube, easy to clean
- No heating time required
- Infrared sensor for ignition
- Two user profiles for temperature and time settings
- Thermocontrol technology for low heat dissipation

Sterilisation temperature (°C)	750 - 1000
Heating power (W)	600
Tube inn. Dim. Ø x W (mm)	16 x 112
Dimensions W x D x H (mm)	110 x 170 x 180
Weight (kg)	1.8
Part no.	788000
€	N/A -



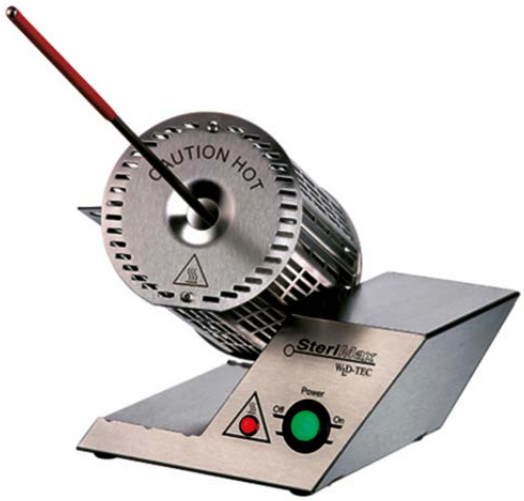
Accessories

Part no.	Designation	€
788001	Replacement quartz inner tube	N/A -
788002	Stainless steel 3-places tray for lateral attachment	N/A -
788003	Sterilisation rack for instruments	N/A -

SteriMax steriliser

- Stainless steel
- Adjustable tilt angle in 7 steps

Sterilisation temperature (°C)	900 - 950	
Heating power (W)	160	225
Dum. Int. tube (Ø x l) (mm)	15 x 118	20 x 161
Dimensions (L x W x H) (mm)	175 x 129 x 139	175 x 129 x 169
Weight (kg)	0.96	1.06
Part no.	788004	788005
€	N/A -	N/A -



Accessories

Part no.	Designation	€
788007	Three-place lateral support for instruments	N/A -
788008	Sterilisation holder for 1 loop	N/A -
788031	Mobile holder for instruments with 5 slots	N/A -

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Microcentrifuge Corning LSE

CORNING



- Compact
- Robust

Capacity	8 microtubes of 1.5 or 2 ml and 4 PCR strips
Speed (rpm)	6000
RCF acceleration (g)	2000
Dimensions (L x W x H) (mm)	174 x 148 x 122
Part no.	006770
€	N/A -

WARRANTY 2 YEARS

Microcentrifuge SLS Lab Basics

LAB BASICS



- Ideal microcentrifuge for concentrating droplets at the bottom of the tube: microtubes or PCR tubes
- Compact design
- Quiet (≤ 45 dB)
- Easy to use: automatic start-up and switch-off when the lid is closed/opened

Supplied with 2 rotors:

+ a rotor with 8 microtubes 0.2/0.5/1.5/2.0 ml
+ a rotor for 4 strips of 8 PCR tubes

Speed (rpm)	7000	
RCF acceleration (g)	2680	
Capacity	8 microtubes or 32 0.2 ml PCR tubes	
Dimensions L x D x H (mm)	160 x 170 x 122	
Weight (kg)	0.5	
Colour	Grey	Red
Part no.	258353	258352
€	N/A -	N/A -

Individual microcentrifuge



For short centrifugations and microfiltration.

- On/off switch
- Long-lasting lid

Delivered with:

+ rotor for 1.5/2 ml microtubes,
+ rotor for 8 x 0.2 ml PCR microtubes strip,
+ adapters for 0.2 ml tubes, and adapters for 0.5 ml tubes.

Maximum capacity	8 x 1.5/2 ml microtubes or 4 strips of 8 x 0.2 ml microtubes
Number of rotors	2 Rotors included
Speed (rpm)	6500
RCF acceleration (g)	2000
Dim W x L x H (mm)	145 x 160 x 132
Weight (kg)	1.12
Part no.	531003
€	N/A -

6K, D1008 or 10K microcentrifuges

- Simple operation: automatic start and shutdown when the lid is closed/opened
- 3 different rotors:
  - standard: 8 microtubes 1.5/2 ml (*6 microtubes of 1.5 ml)
  - PCR: 2 strips of 8 x 0.2 ml tubes (or 16 individual tubes)
  - coverslip
- All models are supplied with the standard rotor and adapters for 0.5 and 0.2 ml microtubes

Model	Mini-6K	D1008	Mini-10k*
Rotor compatibility	Standard, PCR and coverslip	Standard and PCR	Standard
Speed (rpm)	6000	7000	10000
RCF acceleration (g)	2000	2680	5000
Ext. dim. L x D x H (mm)	175 x 148 x 118		
Blue	531500	531501B	-
Green	-	861056B	-
Colour red	-	-	531502*
€	N/A -	N/A -	N/A -





Accessories for Mini-6K

Part no.	Designation	€
531505	Allen Key	N/A -
531503	PCR rotor for 2 strips of 8 x 0.2 ml microtubes	N/A -
531504	Rotor for slides	N/A -

Accessories for D1008

Part no.	Designation	€
861061	Adapters for 0.2 ml tubes (8 units)	N/A -
861062	Adapters for 0.5 ml tubes (8 units)	N/A -

Microcentrifuge capacity 8 microtubes

- Supplied with two rotors
- Ultra high performance, ultra quiet
- Robust and easy to use

Max. capacity	8 x 1.5/2ml microtubes or 2 strips of 8 x 0.2 ml microtubes
Speed (rpm)	3 speeds: 4000, 7000 or 10,000
RCF acceleration (g)	900, 2910 or 5610 with microtube rotor
Number of rotors	2 Rotors included
L x D x H (mm)	155 x 175 x 125
Part no.	141097
€	N/A -



Speed selection button on the back of the unit.



Gusto Minicentrifuge

- Compact design, low noise and vibration
- Pulse function for short-duration centrifugations (20 sec.)
- Tool-free rotor loading
- 2 rotors included, 12 adapters for tubes of 0.5 and 0.2 ml
- Safety feature to prevent spinning when the lid is open or the centrifuge is unbalanced
- Option to select speed in rpm or g

Maximum capacity	12 microtubes of 1.5/2 ml and 32 tubes of 0.2 ml (or 4 strips of 8 PCR tubes of 0.2 ml)
Speed	500 - 12500 rpm (increments of 100 rpm)
RCF acceleration (g)	15 - 9100
Timer	1 second to 30 minutes (in increments of 1 second)
L x D x H (mm)	203 x 171 x 114
Part no.	320068
€	N/A -



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CENTRY™ 103 Microcentrifuge



- Compact and portable centrifuge: operates with mains power or 4 AA batteries
- Start and stop with a simple press on the cover
- Fixed speed of 6000 rpm, rapidly reaching maximum
- Supplied with rotors: 8 tubes of 1.5–2.0 ml and 2 strips of 8 tubes x 0.2 ml

Maximum capacity	8 tubes of 1.5 – 2 ml or 2 strip tubes of 8 x 0.2 ml
Speed (rpm)	6000
RCF acceleration (g)	Maximum 2960 g depending on the tubes and rotors
Temperature	5 to 35 °C
L x D x H (mm)	150 x 163 x 113
Part no. with rotor	400103
€	N/A -

Microcentrifuges Palm SLS Lab Basics

NEW

Our Selection



This centrifuge is ideal for laboratory routines: short centrifugation, microfiltration and cell separation.

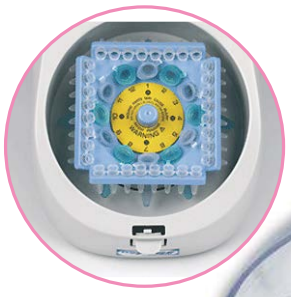
- Screen: Oled with speed and time display
- Quiet, economical engine

Delivered with:

+ rotor for 12 x 1.5/2 ml and 32 x 0.2 ml tubes and strips,
+ 2 sets of 0.2 ml and 0.5 ml adapters.

Model	Colour grey - black	Colour red
Capacity	- 12 microtubes of 0.5/1.5/2 ml - 44 PCR tubes of 0.2 ml - 4 strips of 8 PCR tubes of 0.2 ml	
Speed (rpm)	2000 - 10 000 - increments of 1000	
Max. RCF	- 6708 g for 1.5/2 ml tubes - 6596 g - 7490 g for strips	
Acceleration and deceleration settings	1 notch 2 notches	
Noise level (db)	58	
Dim. (L x W x H) (mm)	210 x 180 x 130	
Weight (kg)	1.5	
Part no.	258366	258368
€	N/A -	N/A -

MyFuge 12 Mini Centrifuge





A single rotor for tubes and tube strips

Dutscher.com

- 12 microtubes and 4 PCR tube strips can be centrifuged simultaneously

Maximum capacity	12 tubes of 1.5 and 2 ml and 32 PCR tubes of 0.2 ml (or 4 strips of 8 PCR tubes of 0.2 ml)
Speed (rpm)	5500
RCF acceleration (g)	2000
Number of rotors	1 rotor included
Ø x W x H (cm)	14 x 20 x 11.20
Weight (kg)	5
Part no.	060973
€	N/A -

Part no.	Designation	€
060974	Adapter for 0.5 ml tubes (set of 6)	N/A -
060975	Adapter for 0.2 ml tubes (set of 6)	N/A -

Microcentrifuge CM-50M

- Large colour screen with a clear and intuitive interface
- 5 levels of rotor braking
- Secure locking lid
- Digital motor ensuring low noise, minimal heat emission, and smooth handling
- Rotors to be ordered separately
- Mixer function
- 3 rotor options with automatic recognition
- Programmable with 9 centrifugation/mixing steps

Model	CM-50M
Centrifugation speed (rpm)	1000 - 15000
Maximum acceleration (g)	15300
Timer	1 sec to 99 min
Number of mixing modes	12
Dimensions (W x L x H) (mm)	200 x 180 x 145
Weight (kg)	3.1
Part no.	065531
€	N/A -



CM-50M

Accessories

Part no.	Designation	€
065532	Rotor for 12 microtubes 1.5/2 ml	N/A -
065533	Mixing rotor for 12 microtubes 1.5/2 ml	N/A -
065534	Rotor for 2 strips of 0.2 ml tubes or 16 individual 0.2 ml tubes	N/A -
065535	Adapter for 0.5 ml tubes (set of 12)	N/A -
065536	Adapter for 0.2 ml tubes (set of 12)	N/A -

Combi-Spin and Multi-Spin vortex centrifuges

Supplied with a rotor for 12 x 1.5/2 ml tubes, and a rotor for 12 x 0.5 ml tubes and 12 x 0.2 ml tubes.

Combi-Spin

- Vortex usable during centrifugation, thanks to the agitation head coming out of the lid

Multi-Spin

- For simultaneous stirring of multiple tubes
- Alternating stirring and centrifuging phases, up to 999 cycles

Model	Combi-Spin	Multi-Spin
Speed (rpm)	2800	1000 to 6000
RCF acceleration (g)	700	2350
Centrifuge timer	-	1 sec to 30 min
Vortex timer	-	1 to 20 seconds
Display	-	Digital
Control	Rotary knobs	Tactile
Pulse touch	Yes	-
Permissible temperature	4 to 40 °C	
Dimensions (L x W x H) (mm)	193 x 235 x 125	
Weight (kg)	1.7	2.5
Part no. (with rotor)	144218B	144782B
€	N/A -	N/A -



Combi-Spin



Multi-Spin

Rotors

Part no.	Designation	€
144220B	Rotor for 8 tubes of 1.5 ml or 8 tubes of 0.5 ml	N/A -
144221B	Rotor for 6 tubes of 1.5 ml, 6 tubes of 0.5 ml, or 6 tubes of 0.2 ml	N/A -
144222B	Rotor for 2 strips of 0.2 ml tubes	N/A -
144819	Rotor for 32 tubes of 0.2 ml or 4 strips	N/A -

Centrifuge Strip Spin 12

- Mini size
- Quiet operation
- Starts and stops upon closing/opening the lid
- Rotor for 1.5 ml tubes available separately

Capacity	For 4 racks of 12 PCR tubes
Max acceleration (g)	2000
Speed (rpm)	5500
Acceleration time	18 seconds with FA-45-24-11 rotor
Dim. l x w x h (mm)	140 x 200 x 112
Weight (kg)	5
Part no.	062532
€	N/A -



Part no.	Designation	€
062533	Rotor for centrifuge Strip Spin 12 for 1.5/2 ml tubes	N/A -
062534	Adapters for centrifuge Strip Spin12, 0.5 ml tubes x 8	N/A -

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MC-24 Touch Centrifuge



- To centrifuge 24 microtubes or 2 PCR strips
- Touch screen
- Design limiting tube heating
- Number of programs (speed and time): 9
- Ideal for cold storage rooms

Speed (rpm)	1000 to 13500 (16800 g)
Capacity	24 microtubes of 1.5/2.0 ml or 2 PCR strips
Increments	100 rpm / 100 rcf
Timer	1 to 99 min or continuous
Dimensions W x D x H (mm)	230 x 305 x 197
Weight (kg)	6.4
Part no.	062806
€	N/A -

Mini centrifuge for microplate

NEW



Plate centrifuge to concentrate condensation droplets and wall droplets at the bottom of the tubes

- Ideal for increasing PCR yields
- Accepts all standard PCR plates, skirted and non-skirted
- Compact centrifuge

Capacity	2 x 96 or 384 well PCR plates
Maximum speed	2,500 rpm ± 10%
Acceleration	RCF 500 x g
Dimensions W x D x H (mm)	19 x 22 x 18.6
Acceleration	RCF 500 x g
Weight (kg)	2.6
Part no.	431287B
€	N/A -

Microcentrifuge for PCR plates ClearLine®



Before and after centrifugation



During centrifugation

Our Selection



- Unique free rotor design prevents splashing
- Smaller size
- Accepts all types of PCR plates, microplates, and Deepwell plates (with optional rotor)

Speed (rpm)	2550
RCF acceleration (g)	400
Capacity	2 PCR plates * or 2 microplates or 192 PCR tubes 0.2 ml or 24 strips of 8 tubes
Deceleration (s)	7
Dimensions (W x L x H) (mm)	230 x 260 x 197
Weight (kg)	4
Part no.	062583CL
€	N/A -

* Maximum capacity 4 plates in a stack (with optional deepwell rotor)

Adapter and rotor

Part no.	Designation	€
062584	Adapter for 0.2 ml PCR tubes (both)	N/A -
062585	Rotor for Deepwell plates (max. height 35 mm)	N/A -

Microcentrifuges for plates, strips and tubes

- Concentrates droplets and condensation at the bottom of the tube
- For standard plates, skirted or unskirted
- Also allows for centrifugation of 8 x 0.2 ml strip tubes and 0.2 ml tubes
- To be used before and after PCR amplification

Model	MPC-P25
Capacity	2 PCR plates, 2 Elisa plates, 2 x 12 strips 8 x 0.2ml or 2 x 96 tubes 0.2 ml
Max. speed (rpm)	2200
Max centrifugal force (g)	480
Timer	0 - 10 min
Dim. (L x W x H) (mm)	290 x 360 x 140
Weight (kg)	3.6
Part no.	531509
€	N/A -



MPC-P25

Microcentrifuges for 15 ml tubes

- For centrifuging up to 8 tubes ranging from 5 to 15 ml
- Digital display with automatic rpm/rcf conversion
- Lid lock
- Design limiting tube heating
- Available in 2 versions depending on the maximum centrifugation speed (3500 or 5000 rpm (1500 or 3070 g))
- Adapters for 5 ml microtubes and adapters for culture tubes and blood collection tubes of 5 and 7 ml available as options

Model	LC-8	LC-8 Plus
Speed (rpm)	400 - 3500 (1500 g)	400 - 5000 (3070 g)
Capacity	8 x 15 ml	
Acceleration / deceleration	9 sec / 25 sec	19 sec / 39 sec
Increments	100 rpm	
Timer	20 seconds to 99 minutes	
Pulse function	Yes	
Dimensions (cm) (w x d x h)	29.5 x 36.5 x 21	
Weight (kg)	6.8	
Part no.	062759	062760
€	N/A -	N/A -



Accessories

Part no.	Designation	Units/ box	€/ box
062761	Adapters for blood collection tubes of 5 and 7 ml and culture tubes (tubes 12 - 13 mm of 2, 5 or 7 ml)	8	N/A -
062626	Adapters for 5 ml microtubes	4	N/A -

Centrifuge Spectrafuge 6C Labnet

Maximum capacity	6 tubes of 10 to 15 ml
Speed (rpm)	6500
RCF acceleration (g)	4000
Timer	30 minutes
Number of rotors	1 included
Display	Digital
Number of programmes	0
Rotor angle	30 °
Keyboard type	Rotary knobs
L x D x H (mm)	240 x 180 x 210
Weight (kg)	4
Part no. with rotor	096610
€	N/A -

	Standard blood collection tubes				
Dimensions (mm)	17 x 120	16 x 125	16 x 100	13 x 100	12 x 75
Volume (ml)	15	15	10	7	5
Graduations (cm)	8.2	8.5	8.5	7.7	7.7
Max RCF	3.873	4.015	4.015	3.637	3.637
Tubes by rotor	6	6	6	6	6
Adapter	-	-	-	C0200-17A	C0200-17A



- Supplied with rotor for 6 tubes of 10/15 ml
- Variable speed with digital display
- For blood tubes and 15 ml conical tubes

Accessory

Part no.	Designation	€
096611	Set of 6 adapters for tubes ranging from 5 to 7 ml	N/A -

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Benchtop centrifuge HAEMATOKRIT 200 with rotor



- Reliable and rapid results thanks to strong acceleration
- Rapid hematocrit reading on the lid
- Centrifuge supplied with 24-place disc rotor (haematocrit analysis)

Emission, immunity	EN/IEC 61326-1, Class B
Max. capacity	20/24 capillaries
Max. RPM (speed)	13,000 min-1
ACR max.	16060
Duration	1 - 99 min, continuous operation, short cycle (impulse button)
Dimensions H x Wl x D (mm)	228 x 261 x 353
Weight (kg)	10

Part no.	Designation	€
472718	Centrifuge HAEMATOKRIT 200	N/A -
092416	Non-heparinised capillaries (per 1000)	N/A -

Hematocrit centrifuge NF048



- Silent, direct rotor drive by induction: maintenance-free
- Microprocessor-controlled programming
- Display of speed, timer, and centrifugal force (RCF)
- Continuous air ventilation
- Button-operated centrifuge also available for very short spins
- Application: determination of haematocrit levels in blood samples

Maximum capacity	24 capillary tubes or 24 tubes of 1.5 to 2 ml
Speed (rpm)	1000 to 14000
RCF acceleration (g)	14811 and 18188
Timer	99 minutes
Display	Digital
Number of programmes	0
Keyboard type	Tactile
L x D x H (mm)	275 x 355 x 240
Weight (kg)	12
Part no.	001577
€	N/A -

Rotors for centrifuge NF048

Part no.	Type	Capacity	ø tubes max (mm)	Rayon max (mm)	Max speed (rpm)	g max	€ per set of 24
001579	Haematocrit	24 capillary tubes	0.75	92	12000	14811	N/A -
001578	Microlitre	24 tubes 1.5 / 2 ml	11	83	14000	18188	N/A -

Set of 24 adapters for microlitre rotor

Part no.	Capacity	Max ø of the tubes (mm)	€ per set of 24
001580	1 x 500 / 800 µl	8	N/A -
001581	1 x 200 µl (PCR)	6.5	N/A -
001582	1 x 250 / 400 / 700 µl	6	N/A -



Microcentrifuges MiniSpin and MiniSpin plus - for 12 microtubes



- Compact and silent
- High stability
- Supplied with a rotor for 12 microtubes of 1.5/2 ml
- Optional: the rotor for PCR tube strips
- 2 versions:
  - GLP: General Lab Product, for research (not for human diagnostic)
  - IVD: In vitro Diagnostic, for clinical application (human diagnostic)
- Display in rpm only for the MiniSpin model, in rpm or rcf (g) for the MiniSpin Plus model

Model	MiniSpin	MiniSpin Plus
Maximum capacity	12 microtubes 1.5/2 ml	12 microtubes 1.5/2 ml
Speed (rpm)	13400	14500
RCF acceleration (xg)	12000	14100
Timer	30 minutes	99 min., continuous
Number of rotors	2 (1 included)	2 (1 included)
Acceleration time	13 seconds	13 seconds
Deceleration time	12 seconds	12 seconds
Display	Digital	Digital
Number of programmes	0	0
Keyboard type	Tactile	Tactile
L x D x H (mm)	226 x 239 x 130	226 x 239 x 130
Weight (kg)	4.3	4.3
Touch pulse	Yes	Yes
GLP model with rotor	**934117**	**934118**
€	**N/A -**	**N/A -**
IVD model with rotor	**033203**	**033207**
€	**N/A -**	**N/A -**

Rotors and accessories

Part no.	Designation	Units/ box	€/ box
033964	Rotor F-55-16-5-PCR with aluminium lid	1	N/A -
035087	Replacement aluminium cover for rotor 033964	1	N/A -
5452720008	Rotor F-45-12-11 with stainless steel lid	1	N/A -
033575	Stainless steel replacement lid for rotor F-45-12-11	1	N/A -
033205	Adapters for 0.4 ml microtubes	6	N/A -

Microcentrifuges 5420 Eppendorf

For routine applications in molecular biology, DNA or RNA purification, DNA extraction, and PCR reaction.

- Compact, ventilated
- Ergonomic “Soft-Touch” lid closure
- Automatic lid opening at the end of the cycle
- GLP version: General Lab Product, for research (no human diagnosis)
- Delivered with or without rotor
- Rotor for 32 optional 0.2 ml tubes

Acceleration (g)	21300
Maximum speed (rpm)	15060
Acceleration time	15 s
Deceleration time	15 s
Vented	Yes
Timer	From 10 seconds to 9:59 hours, in continuous operation
Noise level	56 dB(A)
Dimensions W x D x H (mm)	24 x 35 x 22
Weight (kg)	13
5420 with 24 x 2 rotor	934345
€	N/A -
5420 without rotor	934347
€	N/A -



Accessory

Part no.	Designation	€
934349	Rotor F-32 x 0.2 - PCR	N/A -

Eppendorf 5425 and 5425R Centrifuges

- Centrifuges for all molecular biology applications in PCR tubes from 0.2 to 5 ml
- 6 rotors available
- A rotor for 10 x 5 ml tubes
- Eppendorf QuickLock® aerosol-resistant lids for safe and easy handling
- 3 programmes
- Supplied with or without the standard rotor
- Very quiet, even without a rotor cover
- Compact, ergonomic and extremely user-friendly
- “Short spin" functions
- For model 5425R only:
  - "Fast temp" functions to reach the set temperature in under 8 minutes
  - Guaranteed maintenance at 4 °C at maximum speed
- 2 versions:
  - GLP: General Lap Product, for research purposes (not for human diagnostic use)
  - IVD: In Vitro Diagnostic, for clinical application (human diagnostics)



Model	5425		5425R	
Maximum tube volume	5 ml		5 ml	
RCF acceleration (x g)	21300		21300	
Temperature	-10 °C to +40 °C			
Choice of number of rotors	6			
Display	Digital, large, well-lit LCD screen			
L x D x H (mm)	240 x 390 x 240		290 x 480 x 260	
Weight (kg)	15.6		21	
Keyboard type	Rotary knobs	Keyboard	Rotary knobs	Keyboard
GLP centrifuge without rotor	934178	934174	934550	934546
€	N/A -	N/A -	N/A -	N/A -
GLP centrifuge with FA-24x2 rotor	934176	934172	934548	934544
€	N/A -	N/A -	N/A -	N/A -
IVD centrifuge without rotor	934177	934173	934549	934545
€	N/A -	N/A -	N/A -	N/A -
IVD centrifuge with FA-24x2 rotor	-	934171	934547	934543
€	-	N/A -	N/A -	N/A -

Accessories for centrifuge 5425

Part no.	Designation	€
934179	Anti-aerosol rotor FA-24x2 for 24 microtubes 1.5/2 ml	N/A -
934180	Anti-aerosol rotor with PTFE coating FA-24x2 for 24 microtubes 1.5/2 ml	N/A -
934181	Rotor FA-10x5 for 10 tubes of 5 ml with anti-aerosol lid	N/A -
934182	Rotor FA-18x2-Kit for 18 microtubes of 1.5/2 ml or columns with lid	N/A -
934183	Rotor F-32x0.2-PCR for 32 PCR tubes of 0.2 ml or 4 PCR strips with lid	N/A -
934184	Rotor S-96x0.2-PCR for 96 PCR tubes of 0.2 ml or 12 PCR strips	N/A -

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Microcentrifuges Eppendorf 5427 R with natural refrigerant



High-speed refrigerated microcentrifuge.

- Double the tube capacity of a standard 24-position microcentrifuge thanks to its 48-position double-row rotor
- More environmentally friendly natural refrigerant (R 290, Propane)
- 9 rotors to choose from, for maximum adaptability
- Available without a rotor or as a package with the aerosol-tight rotor for 48 tubes of 1.5 - 2 ml, the aerosol-tight rotor for 30 tubes of 1.5 - 2 ml, or the rotor for 12 tubes of 5 ml.
- Rotor capacity: 48 × 1.5/2.0 ml, 12 × 5.0 ml
- High RCF of 25,001 x g
- FastTemp function for rapid pre-cooling of the centrifuge: from 23°C to 4°C in approx. 11 minutes
- ECO - off: automatic compressor shutdown for reduced energy consumption
- QuickLock® rotor cover for all anti-spray rotors
- 2 versions:
  - GLP: General Lab Product, for research (not for human diagnostic)
  - IVD: In vitro Diagnostic, for clinical application (human diagnostic)

Model	Microcentrifuge 5427R
RCF max. (g)	25001
RCF max. with angular rotor (g)	25001
RCF max. with free rotor (g)	16049
Display	Large, well-lit LCD screen
Speed rpm	100 - 16220 (50 rpm steps)
Available rotors	9
Max. capacity	48 × 1.5/2.0 ml
Timer	5 s to 9:59 h, continuous
SOFT braking function	Yes
Noise level dB(A)	< 55 with FA-45-48-11 rotor
Volume range	96 ml
Max. power consumption	495 W
Dimensions W × D × H (cm)	31,9 × 54,0 × 25,4
Weight without accessories (kg)	30
H. with lid open (cm)	56
Cooling	Refrigerated
Temperature range	From -11°C to +40°C

	GLP	IVD
5427R without rotor	934725	934726
€	N/A -	N/A -
5427R + rotor FA-45-48-11	934727	934728
€	N/A -	N/A -
5427R + rotor FA-45-30-11	934729	934730
€	N/A -	N/A -

Part no. 035846



Angular rotor FA-45-48-11 with anti-aerosol lid / For 48 tubes of 1.5 - 2 ml

Part no. 035845



Angular rotor F-45-30-11 with standard lid / For 30 tubes of 1.5 - 2 ml

Part no. 035844



Angular rotor FA-45-24-11 with anti-aerosol lid / For 24 tubes of 1.5 - 2 ml

Part no. 933017



Angular rotor FA-45-12-17 with aerosol-tight lid / for 12 x 5 ml tubes

Part no. 035847



Angular rotor FA-45-24-11 with high-rim anti-aerosol lid for centrifuging up to 24 purification kits or 1.5/2 ml tubes

Part no. 035851



Angular rotor F-45-48-5-PCR without lid / For 6 PCR strips

Part no. 035952



Free Rotor S-24-11-AT with anti-aerosol lid/ For 24 tubes of 1.5 - 2 ml

Adapters

Part no.	Designation	€ for 6
033205	Adapters for 0.4 ml tubes	N/A -

9 rotors to choose from

Part no.	Designation	Capacity	Speed/ Max acceleration	€
035844	Angular rotor FA-45-24-11 with aerosol-tight lid*	24 tubes of 1.5 - 2 ml	16,220 rpm / 25,000 g	N/A -
035845	Angular rotor FA-45-30-11 with aerosol-tight lid*	30 tubes of 1.5 - 2 ml	14,000 rpm / 20,800 g	N/A -
035846	Angular rotor FA-45-48-11 with aerosol-tight lid*	48 tubes of 1.5 - 2 ml	12,700 rpm / 18,210 g	N/A -
035847	Angular rotor FA-45-24-11-Kit with raised edges and aerosol-tight lid *	MiniPrep 24-column	13,200 rpm / 19,100 g	N/A -
035848	Angular rotor F-45-30-11 with standard lid	30 tubes of 1.5 - 2 ml	14,000 rpm / 20,800 g	N/A -
035849	Angular rotor F-45-48-11 with standard lid	48 tubes of 1.5 - 2 ml	12,700 rpm / 18,210 g	N/A -
035851	Angular rotor F-45-48-5-PCR without lid	6 PCR strips	10,500 rpm / 11,710 g	N/A -
035952	Free rotor S-24-11-AT with aerosol-tight lid*	24 tubes of 1.5 - 2 ml	12,700 rpm / 16,049 g	N/A -
933017	Angular rotor FA-45-12-17 with aerosol-tight lid*	12 tubes of 5 ml	14,000 rpm / 20,600 g	N/A -

Aerosol-tight certified

Versatile Microcentrifuges 5430 and 5430R



Free rotor S-24-11-AT



Angular rotor FA-45-48-11



Angular rotor FA-45-16-17



Model	5430	5430R
Maximum capacity	6 tubes of 15 or 50 ml, 30 microtubes	
	1.5/2 ml, 2 microplates	
Speed (rpm)	17500	
RCF acceleration (g)	30130	
Temperature	-	-11 °C to +40 °C
Timer	99 h 59 min, continuous operation	
Acceleration time	14 seconds	
Deceleration time	15 seconds	
Display	Digital	
Number of programmes	50	
L x D x H (mm)	330 x 420 x 250	380 x 640 x 300
Weight (kg) without the rotor	29	56

- Compact and highly ergonomic
- Large control screen, 5 quick-access buttons to main programs
- Choice of 12 rotors equalling the versatility of benchtop centrifuges
- For centrifuging microtubes, PCR strip tubes, Eppendorf 5 ml tubes, Falcon-type 15/50 ml tubes, and microplates
- Automatic rotor recognition and speed limitation
- Automatic unbalance detector
- Speed: 30,130 g
- 2 versions:
  - GLP: General Lab Product, for research (not for human diagnostic)
  - IVD : In vitro Diagnostic, for clinical application (human diagnostic)

Refrigerated version 5430R

- Maintenance of temperature at 4 °C at maximum speed
- Refrigeration continued after the end of the cycle
- Fast Temp Pro function: programmable vessel temperature setting

GLP	Part no.	€	Part no.	€
Touch keyboard, without a rotor	934128	N/A -	934133	N/A -
With touch keyboard, with rotor FA-45-30-11	934129	N/A -	934132	N/A -
With rotary knobs, without rotor	934131	N/A -	934135	N/A -
With rotary buttons, with rotor FA-45-30-11	934130	N/A -	934134	N/A -
IVD	**Part no.**	**€**	**Part no.**	**€**
Touch keyboard, without a rotor	033607	N/A -	035403	N/A -
With touch keyboard, with rotor FA-45-30-11	033606	N/A -	035402	N/A -
With rotary knobs, without rotor	035398	N/A -	035405	N/A -
With rotary buttons, with rotor FA-45-30-11	035397	N/A -	035404	N/A -

12 rotors to choose from

Part no.	Designation	Capacity	With lid aerosol-tight	Chemical protective coating	Maximum speed/ Acceleration	€
933001	Angular rotor FA-45-48-11	48 microtubes	Yes	No	12,700 rpm / 18,210 x g	N/A -
933002	Angular rotor F-45-48-11	48 microtubes	No	No	12,700 rpm / 18,210 xg	N/A -
035008B	Angular rotor FA-45-30-11	30 microtubes	Yes	Yes	14,000 rpm / 20,817 xg	N/A -
035954	Angular rotor FA-45-24-11-Kit, with raised rim	24 purification kits	Yes	No	13,200 rpm/19,090 xg	N/A -
933003	Free rotor S-24-11-AT	24 microtubes	Yes	No	12,700 rpm / 16,049 xg	N/A -
933018	Angular rotor FA-45-16-17	16 Eppendorf tubes of 5 ml	Yes	No	14,200 rpm / 21,191 x g	N/A -
033608	Angular rotor F-35-6-30	6 tubes of 15 ml or 50 ml	No	No	7,830 rpm / 7,745 xg	N/A -
033609	Free rotor A-2-MTP	2 microplates	Yes	No	4,680 rpm / 2,204 xg	N/A -

Adaptors for F-35-6-30 rotor

Part no.	For 1 tube	Units/ box	€/ box
	For a 15 ml bore		
933053	ø 13 mm short	2	N/A -
933054	ø 13 mm long	2	N/A -
035411	ø 16 mm - H: 74 - 103 mm	2	N/A -
035412	ø 16.8 mm - H: 84 - 125 mm	2	N/A -
933020	Eppendorf tube 5 mL	2	N/A -
035023	Falcon 15 mL	2	N/A -
	For a 50 ml bore		
933055	ø 13 mm short	2	N/A -
933056	ø 13 mm long	2	N/A -
035406	ø 16 mm - Height 85-105 mm	2	N/A -
035399	ø 16.8 mm - Height 84-125 mm	2	N/A -
933019	Eppendorf tube 5 mL	2	N/A -
035408	Oak Ridge type 30 ml	2	N/A -
035409	Oak Ridge type 50 ml	2	N/A -
035024	Falcon 50 ml	2	N/A -
035022	Centriprep 50 mL	6	N/A -

Adaptors for other rotors

Part no.	For rotor	For	Units/ box	€/ box
033205	All microtube rotors	0.4 ml tube	6	N/A -
033936	F-45-64-5-PCR rotor	PCR tube and strips 0.2 ml	4	N/A -
033352	Rotor F-45-18-17-Cryo	Cryotube 13 mm	6	N/A -
035687	Rotor F-45-18-17-Cryo	HPLC tube 12 x 32 mm	18	N/A -
033889	A-2-MTP rotor	PCR Plates 96 wells	2	N/A -
033888	A-2-MTP rotor	PCR Plates 384 wells	2	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Low speed centrifuges 5702, 5702R, and 5702RH



- Specially designed for clinical laboratory and cell culture applications
- 6 rotors to choose from
- Very compact and quiet
- "Short spin" functions
- "Soft" functions for gentle acceleration and braking
- Automatically opening and closing lid
- Automatic rotor recognition and speed limitation
- Automatic unbalance detector
- 2 versions:
  - GLP: General Lab Product, for research (not for human diagnostic)
  - IVD: In vitro Diagnostic, for clinical application (human diagnostic)

For refrigerated and thermostated models:

- "Fast temp" functions to reach the assigned temperature very quickly
- Maintenance of 4°C and 37°C for the 5702 RH - guaranteed at maximum speed.
- 2 programmable ranges with quick-access keys

Model	5702 (ventilated)	5702R (refrigerated)	5702RH (thermostatted)
Maximum capacity	4 x 85 ml or 30 x 15 ml		
Speed (rpm)	4400		
Max. acceleration (xg)	3000		
Temperature	-	- 9 °C to + 40 °C	- 9 °C to + 42 °C
Timer	99 minutes, continuous operation		
Number of rotors	6		
Acceleration time	25 seconds		
Deceleration time	25 seconds		
Display	Digital		
Number of programmes	0	2	2
Keyboard type	Rotary knobs		
L x D x H (mm)	320 x 400 x 240	380 x 580 x 260	380 x 580 x 260
Weight (kg)	20	36	36
Cat. No. GLP	934136	934138	934141
€	N/A -	N/A -	N/A -
Cat. No. IVD	033716	033434	033881
€	N/A -	N/A -	N/A -

Centrifuge packs 5702 with rotor A-4-38 (RCF: 3000 g)

Designation	Cat. No. GLP	€	Cat. No. IVD	€
Centrifuge 5702 + rotor A-4-38 and set of adapters for 15/50ml tubes	934137	N/A -	035347	N/A -
Centrifuge 5702R (refrigerated) + A-4-38 rotor and set of adapters for 15/50 ml tubes	934140	N/A -	035742	N/A -
Centrifuge 5702R (refrigerated) + rotor A-4-38 and adapters for 13 and 16 mm tubes	934139	N/A -	035354	N/A -

Angular rotor F-45-24-11 for centrifuges 5702/R/RH



- Angular rotor F-45-24-11 for 24 microtubes of 1.5 or 2 ml without a lid
- Max acceleration: 1770 g
- Autoclavable

Part no.	Designation	Units/ box	€/ box
033951	Rotor F-45-24-11 for 24 microtubes for 5702	1	N/A -
033205	Adapters for 0.4 ml microtubes	6	N/A -

Rotor F-45-18-17 for cryotubes for centrifuges 5702



Angular rotor F-45-18-17-Cryo for 18 cryotubes 1-2 ml (max ø: 13 mm) with adapter, or screw-cap tubes (max ø: 17 mm) without adapter.

- Max acceleration: 1840 g
- Autoclavable

Part no.	Designation	Units/ box	€/ box
033351	Rotor F-45-18-17-Cryo for 18 cryotubes for 5702	1	N/A -
033352	Adapters for cryotubes 1 - 2 ml, (max ø: 13 mm)	6	N/A -

Tip Other rotors for 5702/R/RH centrifuges: next page

Free rotor A-4-38 for centrifuges 5702/5702R/5702RH

- Max RCF: 3,000 x g (4,400 rpm)

To adapt 2 types of platforms:

- 4 cylindrical platforms of 85 ml, with the option of aerosol-tight sealing - for tubes from 1.5 ml to 85 ml - max acceleration 3000 xg
- 4 rectangular 100 ml platforms - for glass tubes from 5 ml to 25 ml - max acceleration 3000 xg
- Mixed loads are not permitted



Part no.	Designation	€
033717	Rotor A-4-38 with 4 cylindrical platforms of 85 ml	N/A -
033718	Rotor A-4-38 without platforms	N/A -
033719	Cylindrical platform 85 ml (per 4)	N/A -
033730	Aerosol-tight cap for cylindrical platform (per 2)	N/A -
033731	Rectangular platform 100 ml (per 4)	N/A -

Adapters for rotor platforms A-4-38 (per 2)

Part no.	Volume of tube (ml)	ø bore (mm)	Tubes by adapter/by rotor	€ for 2
	Adapters for cylindrical platforms			
033955	1.5 - 2	11	4/16	N/A -
033729	1.1 - 1.4	8.5	5/20	N/A -
033720	2 – 7	12.5	5/20	N/A -
033727	2.6 – 7	13.5	4/16	N/A -
033728	4 – 10	16	4/16	N/A -
033721	9 – 15	17.5	4/16	N/A -
033724	15 (Falcon type)	17.2	1/4	N/A -
033725	15 (Falcon type)	17.2	2/8	N/A -
033722	25	25	1/4	N/A -
033726	50 (Falcon type)	30	1/4	N/A -
033723	85	38	1/4	N/A -
	Adapters for rectangular platform			
033732	5 - 7	13	10/40	N/A -
033733	9	14.5	8/32	N/A -
033734	15	17.5	6/24	N/A -
033735	20	22	4/16	N/A -
033736	25	25	4/16	N/A -

Rotors for 15 ml tubes, for centrifuges 5702/5702R/5702RH

- Angular rotor F-35-30-17 for 30 tubes of 15 ml
- Max RCF: 2,750 x g (4,400 rpm)
- Each rotor is supplied with steel bushings, adapters for 15 ml Falcon tubes, and rubber mats for 15 ml round-bottom tubes.



Part no.	Number of sockets	Number of adapters Falcon	Number of mats	€
033737	30	20	30	N/A -
033738	10	10	10	N/A -

Spare parts for rotor F-35-30-17

Part no.	Designation	€ for 10
033739	Replacement steel bushings	N/A -
033740	Replacement adapters for 15 ml tubes (Falcon type)	N/A -
033744	Replacement cushions for 15 ml glass tubes	N/A -

Free rotor A-8-17 for 8 tubes of 15 ml

- Max RCF: 2,800 x g (4,400 rpm)
- Delivered without adapters or pads



Part no.	Designation	€
033741	Rotor A-8-17, 8 steel sleeves, without adapters or bushings, 2,800 xg max	N/A -

Spare parts for free rotor A-8-17

Part no.	Designation	€ for 8
033743	Adapters for 15 ml Falcon-type tube	N/A -
033742	Replacement cushions for 15 ml glass tubes	N/A -

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Bench-top multipurpose centrifuges Eppendorf 5804, 5804R, 5810, and 5810R



Highly versatile centrifuges for centrifuging tubes and vials from 0.2 ml to 750 ml, as well as plates, culture flasks and microscope slides.

- 5804 and 5804R (refrigerated) for centrifugation of up to 1 litre of samples; 5810 and 5810R (refrigerated) for up to 3 litres of samples
- Ergonomic, user-friendly and simple to use: one button for each basic function
- Speed displayed in rpm or x g
- Choice of centrifuge radius for greater precision
- "At set rpm" function to start counting down the time once the set speed has been reached for perfectly reproducible centrifugation times
- Independently adjustable acceleration and braking ramps (10 levels each)
- Emergency stop switch on the front of the appliance
- Automatic rotor recognition
- Automatic unbalance detector
- Centrifuge lid with assisted closure
- 2 versions:
  - GLP: General Lab Product, for research (not for human diagnostic)
  - IVD : In vitro Diagnostic, for clinical application (human diagnostic)

Additional functions for R models

- "Fast temp" functions to reach the assigned temperature very quickly
- Guaranteed to maintain 4°C at maximum speed
- Continuous refrigeration to preserve your samples at the end of centrifugation

Model	5804	5804R	5810	5810R
Max. speed	10 to 14,000 rpm depending on rotor			
Max. acceleration	from 10 to 20,913 x g depending on rotor			
Temperature range	- 9 to 40 °C			- 9 to 40 °C
Number of programmes	35			
Programmable time	From 1 to 99 min, continuous operation			
Acceleration time	15 s			
Deceleration time	14 s			
Max. noise level	< 67 dB(A)	< 58 dB(A)	< 65 dB(A)	< 59 dB(A)
Dim. L x D x H cm	47 x 55 x 34	64 x 55 x 34	54 x 61 x 35	70 x 61 x 35
Weight without rotor (kg)	55	80	68	99
Cat. No. GLP	934142	934145	934148	934153
€	N/A -	N/A -	N/A -	N/A -
Cat. No. IVD	033226	033227	033262	033263
€	N/A -	N/A -	N/A -	N/A -

Compatible rotors

Model	5804 / 5804R	5810/5810R
Total rotor count	12 rotors	16 rotors
FA-45-48-11 / FA-45-30-11 / F-45-30-11	x	x
T-60-11 / F45-48-PCR / FA-45-20-17	x	x
F-35-48-17 / F-34-6-38 / FA-45-6-30	x	x
A-2-DWP	x	x
A2-DWP-AT		x
S-4-72 / A-4-44	x	x
S-4-104 / A-4-81 / A-4-62		x

Rotor and centrifuge packs

Each pack includes:

+ A centrifuge
+ A free rotor
+ 4 sets of adaptors in 2 different sizes (capacity and type specified in parentheses), suitable for Falcon tubes of 15 ml and 50 ml, or for blood collection tubes with diameters of Ø 13 mm or 16 mm

Designation	Cat. No. GLP	€	Cat. No. IVD	€
5804 + rotor A-4-44 + adapters (16 x 15 ml / 4 x 50 ml)	934143	N/A -	035348	N/A -
5804R + A-4-44 rotor + adapters (16 x 15 ml / 4 x 50 ml)	934146	N/A -	035349	N/A -
5804 + rotor S-4-72 + adapters (32 x 15 ml / 16 x 50 ml)	934144	N/A -	035755	N/A -
5804R + S-4-72 rotor + adapters (32 x 15 ml / 16 x 50 ml)	934147	N/A -	035756	N/A -
5810 + rotor A-4-62 + adapters (36 x 15 ml / 16 x 50 ml)	934149	N/A -	035350	N/A -
5810R + A-4-62 rotor + adapters (36 x 15 ml / 16 x 50 ml)	934154	N/A -	035351	N/A -
5810 + rotor A-4-81 + adapters (48 x 15 ml / 20 x 50 ml)	934150	N/A -	035352	N/A -
5810R + A-4-81 rotor + adapters (48 x 15 ml / 20 x 50 ml)	934155	N/A -	035353	N/A -
5810 + rotor S-4-104 + adapters (56 x 15 ml / 28 x 50 ml)	934151	N/A -	035757	N/A -
5810R + S-4-104 rotor + adapters (56 x 15 ml / 28 x 50 ml)	934156	N/A -	035758	N/A -
5810 + S-4-104 rotor + adapters (92 x 13 mm / 80 x 16 mm)	934152	N/A -	933057	N/A -
5810R + S-4-104 rotor + adapters (92 x 13 mm / 80 x 16 mm)	934157	N/A -	933058	N/A -

Angular rotor FA-45-20-17 for 20 Eppendorf tubes of 5 ml for 5804/R and 5810/R centrifuges

- Max RCF: 20,913 x g (13,000 rpm)
- Quick Lock aerosol-tight lid, rapid closure
- Specific adapters for use with other types of tubes
- Software update required

Part no.	Designation	€
035786	Rotor FA-45-20-17 for 20 Eppendorf 5 ml	N/A -



Adapters

Part no.	Type of tube	Dim. tube	Ø adapter (mm)	Units/ box	€/ box
035788	Microtube	1.5 to 2 ml	-	4	N/A -
035789	Cryotubes	13 mm	-	4	N/A -
035790	HPLC vials	12 x 32 mm	-	4	N/A -

Angular rotor aerosol-tight FA-45-6-30 for 6 tubes of 15/50 ml for centrifuges 5804/R and 5810/R

Part no.	Designation	€
035689	Rotor FA-45-6-30, with aerosol-tight lid	N/A -

- For 6 tubes Falcon® of 15/50 ml or other tubes up to 50 ml
- Aerosol-tight lid QuickLock™ rapid closure
- Max. RCF: 16,639 g (11,000 rpm)
- With the centrifuge 5810R: RCF max. 20,130 g (12,100 rpm)
- The tubes are inclined at 45° for compact bases at the bottom of the tube without leaving streaks on the wall
- Lightweight design for easy handling (3.2 kg, lid included)



Adapters for various tubes

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
035772	2.6 - 5	13	1/6	2	N/A -
035771	8 - 14	13	1/6	2	N/A -
035774	5.5 - 10	16	1/6	2	N/A -
035773	7.5 - 12	16	1/6	2	N/A -
933022	5 (Eppendorf)	17	1/6	2	N/A -
035775	7 - 17	17.5	1/6	2	N/A -
035690	15 (Falcon type)	17	1/6	2	N/A -
035696	15 - 18	18	1/6	2	N/A -
035697	20 - 30	26	1/6	2	N/A -
035698	35	29	1/6	2	N/A -

Angular rotor F-35-48-17 for 15 ml Falcon-type tubes for 5804/R and 5810/R centrifuges

- Max RCF: 5050 g (5500 rpm)
- Software update required

Part no.	Designation	€
035791	Rotor F-35-48-17 for 24 tubes of 15 ml	N/A -
035792	Rotor F-35-48-17 for 48 tubes of 15 ml	N/A -



Angular Rotor 6 x 85 ml F34-6-38 - for centrifuges 5804/R and 5810/R

- Max RCF: 15,500 x g (11,000 rpm)
- With the 5810R, max RCF: 18,500 xg (12,000 rpm)

Part no.	Designation	€
033245	Rotor 6 x 85 ml with lid	N/A -



Adapters for various tubes

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
033246	1.5 - 2	11	4/24	2	N/A -
933059	2.6 - 5	13	3/18	2	N/A -
933060	4 - 8	13	3/18	2	N/A -
033247	4 - 10	16	2/12	2	N/A -
933021	5 (Eppendorf)	17	1/6	2	N/A -
033251	15 (Falcon type)	17	1/6	2	N/A -
033248	15 - 18	18	1/6	2	N/A -
033249	20 - 30	26	1/6	2	N/A -
033250	50 (Nalgene type)	31	1/6	2	N/A -
033252	50 (Falcon type)	31	1/6	2	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Angular rotors for microtubes for centrifuges 5804/R and 5810/R



- For 1.5 and 2 ml microtubes
- To be used with specific adapters for lower volume tubes

Part no.	Designation	RCF max.	€
033253	Rotor F-45-30-11, for 30 microtubes	20,800 xg	N/A -
033254	Rotor FA-45-30-11, aerosol-tight, for 30 microtubes	20,800 xg	N/A -
035784	Rotor FA-45-48-11, aerosol-tight, for 48 microtubes	19,803 xg	N/A -

Adapter

Part no.	Type of tube	Tube vol. (ml)	Ø adapter (mm)	Units/ box	€/ box
033205	Tube	0.4	6	6	N/A -

Rotor F-45-48-PCR for PCR tubes



Max RCF: 15,350 x g (12,000 rpm) for 6 strips of 8 or 5 tubes or 48 PCR tubes of 0.2 ml.

Part no.	Designation	€
033700	Rotor for PCR tubes	N/A -

Drum rotor T-60-11



Max RCF: 16,400 x g (14,000 rpm) To achieve a horizontal and compact pellet at the bottom of the tube. To be completed with 6 adapters.

Part no.	Designation	Units/ box	€/ box
033259	Drum rotor	1	N/A -
033260	Adapter for 10 microtubes of 1.5 ml or 2 ml	6	N/A -
033261	Adapter for 20 microtubes 0.4 ml	6	N/A -

Free rotor for A-2-DWP plates - for centrifuges 5804/R and 5810/R



Tip See also: adapters for plate platorms on page 1591

- Max RCF: 2,250 x g (3,700 rpm)
- The rotor can hold up to:
  -2 x 5 microplates
  -2 x 4 cell culture plates
  -2 x 1 deepwell plate or filtration kit
- Maximum loading height: 89 mm
- Rack for easy extraction of plates

Part no.	Designation	€
033258	Free rotor A-2-DWP, with 2 platforms for plates	N/A -

Aerosol-tight platform rotor for plates A-2-DWP-AT - for centrifuges 5810 and 5810R



- The rotor can accommodate up to
  -2 x 5 microplates
  -2 x 2 cell culture plates
  -2 x 1 deepwell plate and filtration kit
- Maximum loading height: 89 mm / 67 mm with lid
- Aerosol-tight lids
- Max. FCR: 3,486 x g (4,500 rpm)

Part no.	Designation	€
035693	Rotor A-2-DWP-AT for deepwell plate with lid	N/A -

Free rotor 4 x 100 ml A-4-44 for tubes and bottles – for centrifuges 5804 and 5804R

Part no.	Designation	€
033228	Free rotor A-4-44, with 4 rectangular platforms of 100 ml	N/A -
033229	Aerosol-tight caps for 100 ml rectangular platform (set of 2)	N/A -
033244	Special platforms for rotor A-4-44 for 2 tubes, Falcon type, 50 ml (all 4)	N/A -
033980	Free rotor A-4-44, with 4 platforms for 2 Falcon-type tubes of 50 ml	N/A -
033714	Rectangular platforms of 100 ml for rotor A-4-44 (all 4)	N/A -

Adapters for 100 ml rectangular platforms

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
033230	1.5 - 2	11	12/48	2	N/A -
033231	1.2 - 5	11	14/56	2	N/A -
033232	1.8 - 7	13	9/36	2	N/A -
033233	3 - 15	16	7/28	2	N/A -
033235	15 (Falcon type) and 5 (Eppendorf)	17	4/16	2	N/A -
033234*	15 (Falcon type)	17	2/8	2	N/A -
033236	7 - 17	17.5	6/24	2	N/A -
033237	7 - 18	20	4/16	2	N/A -
033238	18 - 30	26	2/8	2	N/A -
033239	30 - 50 and 50 skirted (type Falcon)	31	1/4	2	N/A -
033242	50 (Falcon type)	31	1/4	2	N/A -
033241*	50 (Falcon type)	31	1/4	2	N/A -
033240	50 - 75	35	1/4	2	N/A -
033243	80 - 120	45	1/4	2	N/A -

* allows the use of anti-aerosol caps.

- Max RCF: 4,500 x g (5,000 rpm)
- Available in a package with the 5804 and 5804R centrifuges
- Aerosol-tight caps available



Note: the A-4-44 rotor can be equipped with either four 100 ml platforms or four 50 ml Falcon tube platforms. Centrifugations using the rotor equipped with both types of platforms are not permitted.

Tip
See also: adapters for plate platforms below

Free rotor 4 x 250 ml A-4-62 for tubes, bottles, and plates for centrifuges 5810 and 5810R

- Max RCF: 3,220 x g (4,000 rpm) with round platforms and 2,750 x g (4,000 rpm) with plate platforms
- Rotor with 4 x 250 ml platforms available as a pack with centrifuges 5810 and 5810R
- Aerosol-tight prevention caps available for rectangular platforms

Part no.	Designation	€
033264	Free rotor A-4-62, with 4 rectangular platforms of 250 ml	N/A -
033265	Aerosol-tight caps for 250 ml rectangular platform (set of 2)	N/A -
033280	Free rotor A-4-62-MTP, with 4 MTP platforms for plates	N/A -
033713	Rectangular replacement platforms 250 mL (set of 4)	N/A -
033281	MTP platforms for plates for rotor A-4-62 (set of 4)	N/A -

Note: the A-4-62 rotor can be fitted with four 100 ml platforms or four plate platforms. Centrifugation with the rotor equipped with the two types of platforms is not permitted.

Adapters for 250 ml rectangular platforms

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes per adapter/ per rotor	Packaging unit	€
033267	1.5-2	11	16/64	2	N/A -
033266	1.2 - 5	11	25/100	2	N/A -
033268	1.8 - 7	13	15/60	2	N/A -
033269	4 - 10	16	12/48	2	N/A -
033271	7 - 17	17.5	12/48	2	N/A -
033270	15 (Falcon type) and 5 (Eppendorf)	17	9/36	2	N/A -
033272	7 - 18	20	8/32	2	N/A -
033273	18 - 30	26	4/16	2	N/A -
033274	30 - 50	31	4/16	2	N/A -
033275	50 (Falcon type)	31	4/16	2	N/A -
033277	50 (Falcon type)*	31	3/12	2	N/A -
033276	50 - 75	35	2/8	2	N/A -
033278	80 - 120	45	1/4	2	N/A -
033279	175 - 225 (conical) / flat 180 - 250 (flat)	62	1/4	2	N/A -

Allows the use of anti-aerosol caps.

Aerosol-tight rotor for plates A-2-DWP-AT

Part no.	Designation	€
035693	Rotor A-2-DWP-AT for deepwell plate with lid	N/A -



Adapters for plate platforms

For all rotor-free plate platforms for Eppendorf rotors (unless otherwise specified): A2-DWP, A-2-DWP-AT, S-4-104, A-4-81 and A-4-62

Part no.	Consumable type	Ø tube (mm)	Number per platform	Packaging unit	€
033885	Microtubes 0.5 ml*	8 mm	24	2	N/A -
033886	Microtubes 1.5-2 ml*	11 mm	24	2	N/A -
033890	Microscope slides	13 mm	12	2	N/A -
033889	96-well PCR plate	-	1	2	N/A -
033888	PCR plates 384 wells	-	1	2	N/A -
033887	Cell culture flask **	-	1	2	N/A -

* Exclusively for S-4-104 rotor, A-4-81 with plate platforms, and A-2-DWP
** Only for rotor S-4-104, A-4-81 with plate platforms

Prices are indicative and excluding tax. Visit Dutscher.com

Free rotor 4 x 250 ml S-4-72 for tubes and bottles – for centrifuges 5804 and 5804R



- Max RCF: 3,234 x g (4,200 rpm)
- Available in a package with the 5804 and 5804R centrifuges
- Software update required

Part no.	Designation	€
035759	Free rotor S-4-72, with 4 round platforms 250 ml	N/A -

Adapters for round platform 250 ml

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
035769	1.5 - 2	11	26/104	2	N/A -
035765	2.6 - 8	13	14/56	2	N/A -
035766	5.5 - 12	16	13/52	2	N/A -
035767	7 - 17	17.5	12/48	2	N/A -
035768	5 (Eppendorf type)	17	8/32	2	N/A -
035761	15 (Falcon type)	17	8/32	2	N/A -
035762	50 (Falcon type)	31	4/16	2	N/A -
035763	50 skirted (Falcon type)	31	2/8	2	N/A -
035764	175 - 225 (conical) / flat 250 (flat)	62	1/4	2	N/A -

Free rotor 4 x 500 ml A-4-81 for tubes, bottles and plates - for centrifuges 5810 and 5810R









- Max RCF: 3,220 x g (4,000 rpm) with round platforms and 2,900 x g (4,000 rpm) with plate platforms
- Rotor with 4 x 500 ml platforms available as a pack with the 5810 and 5810R centrifuges
- Aerosol-tight prevention caps available for rectangular platforms
- Possibility of performing mixed loadings of plates and tubes at the same time

Part no.	Designation	€
033701	Free rotor A-4-81, with 4 rectangular platforms of 500 ml	N/A -
033710	Aerosol-tight caps for 500 ml rectangular platform (set of 2)	N/A -
033431	Free rotor A-4-81-MTP/Flex, with 4 MTP/Flex platforms for plates	N/A -
033882	Free rotor A-4-81, without platforms	N/A -
033702	Rectangular replacement platforms 500 ml (set of 4)	N/A -
035692	Special platforms for 7 conical-bottom 50 ml tubes (set of 4)	N/A -
033883	MTP/Flex platforms for microplates (set of 4)	N/A -
033884	MTP/Flex racks for microplates (set of 2)	N/A -

Adapters for 500 ml rectangular platforms

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
035688	1.5 - 2	11	20/80	2	N/A -
933065	1.2 - 5	11	20/80	2	N/A -
033705	1.8 - 7	13	25/100	2	N/A -
035704	2.6 - 7	13	18/72	2	N/A -
933207	4 - 10	16	16/64	2	N/A -
033706	7 - 17	17.5	16/64	2	N/A -
033707	15 (Falcon type) and 5 (Eppendorf)	17	12/48	2	N/A -
033708	50 (Falcon type)	31	5/20	2	N/A -
033987	50 skirted (Falcon type) and Centriprep	31	5/20	2	N/A -
033350	175 - 225 (conical) / flat 250 (flat)	61	1/4	2	N/A -
033709	400 (Eppendorf)	81	1/4	2	N/A -

Other accessories for A-4-81

Part no.	Designation	€
033712	400 ml round polypropylene bottles, wide neck (per 2)	N/A -
035699	500 ml square bottles in polypropylene, with wide neck (per 2)	N/A -
035691	Inserts for special platforms 7 x 50 ml for 1 tube 15 ml Falcon type (per 7)	N/A -

Tip
See also: adapters for plate platorms on page 1591

Free rotor 4 x 750 ml S-4-104 for tubes, bottles and plates - for centrifuges 5810 and 5810R

- Max RCF: 2,568 x g (3,900 rpm) with round platforms and 2,619 x g (3,900 rpm) with plate platforms
- Rotor with 4 platforms of 750 ml, available in a pack with the centrifuges 5810 and 5810R
- Aerosol-tight caps available for round platforms and for plate platforms
- Possibility of performing mixed loadings of plates and tubes at the same time
- Software update required

Part no.	Designation	€
035776	Free rotor S-4-104, with 4 round platforms of 750 ml	N/A -
035781	Aerosol-tight caps for round platform 750 ml (set of 2)	N/A -
035783	Free rotor S-4-104, with 4 DWP cassettes for plates	N/A -
035782	Aerosol-tight lids for platforms DWP (rotor S-4-104) (set of 2)	N/A -
933062	Free rotor S-4-104, without platforms	N/A -
035777	Round platforms 750 mL for S-4-104 rotor (per 4)	N/A -
035778	Round platforms 750 mL for S-4-104 rotor (per 2)	N/A -
035779	DWP platforms for plates for rotor S-4-104 (set of 4)	N/A -
035780	DWP platforms for plates for rotor S-4-104 (set of 2)	N/A -



Free rotor S-4-104


Free rotor S-4-104,
with 4 DWP platforms for plates

Adapters for round platform 750 ml

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
035799	1.5 - 2	11	50/200	2	N/A -
035797	2.6 - 8	13	23/92	2	N/A -
035796	5.5 - 12	16	20/80	2	N/A -
035802	7 - 17	17.5	20/80	2	N/A -
035798	5 (Eppendorf)	17	14/56	2	N/A -
035795	15 (Falcon type)	17	14/56	2	N/A -
035794	50 (Falcon type)	31	7/28	2	N/A -
035793	50 skirted (Falcon type)	31	5/20	2	N/A -
035801	175-225 (conical) / flat 250 (flat)	62	1/4	2	N/A -
933030	500 (Eppendorf)	98	1/4	2	N/A -
035803	750 (Eppendorf)	104	1/4	2	N/A -



Free rotor S-4-104
with 4 round platforms of 750 ml

Other accessories for S-4-104

Part no.	Designation	€
035699	Square polypropylene bottle 500 ml with wide neck (per 2)	N/A -
035770	Round polypropylene bottle 750 ml with a wide neck (per 2)	N/A -

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Benchtop Centrifuges 5910Ri



- Refrigerated, temperature from -11°C to +40°C
- Touch screen
- Favourite functions available on the home screen
- Rotor with platforms 1000 ml volume
- Angular rotor 250 ml volume
- Less noisy, for an improved work environment
- Automatic rotor identification
- 2 versions:
  - GLP: General Lab Product, for research (not for human diagnostic)
  - IVD: In vitro Diagnostic, for clinical application (human diagnostic)

Max RCF with fixed rotor angle (g)	22132	
Max RCF with platform rotor (g)	5263	
Speed (rpm)	10 - 14000	
Acceleration and deceleration gradient	10/10	
Number of programmes	99	
Timer	10 sec. to 99h59min, continuous	
Sound level (dB(A))	Fixed rotor FA-6x50 ‹ 59	
Weight (kg)	109	
Dimensions (W x D x H) (cm)	72 x 68 x 37	
Designation	Cat. No. GLP	Cat. No. IVD
5910Ri without rotor	934584	934585
€	N/A -	N/A -
5910Ri with S-4x750 rotor, 4 round platforms and adapters for 5, 15, and 50 ml tubes	934591	934590
€	N/A -	N/A -
5910Ri with S-4xUniversal rotor, 4 universal platforms and adapters for 5, 15, and 50 ml tubes and plates	934582	934589
€	N/A -	N/A -
5910Ri with S-4xUniversal rotor, 4 universal platforms and adapters for 5, 15, and 50 ml tubes, 175-250 ml bottles, and plates	-	934588
€	-	N/A -
5910Ri with S-4xUniversal rotor, 4 universal platforms and adapters for 5, 15, and 50 ml tubes, 175-250 ml bottles, 1000 ml bottles, and plates	934592	-
€	N/A -	-
5910Ri with FA-6x50 rotor for 6 x 50 ml tubes	934586	-
€	N/A -	-

GoGreen

Optimised composition
+ manufactured in Germany
+ enhanced composition and packaging

Free rotor S-4x400 and adapters for centrifuge 5910 Ri



Adapters for S-4X400 platforms

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
934100	1 vial 175 - 250 ml	62	1/4	2	N/A -
934098	15 tubes of 4 - 8 ml	13	16/60	2	N/A -
934105	17 tubes 12 x 75 mm	12	17/68	2	N/A -
934102	26 tubes of 1.5 ml/2 ml	11	26/104	2	N/A -
934096	4 conical tubes 50 ml	29	4/16	2	N/A -
934097	7 Eppendorf tubes 5 ml and 15 ml conical tubes	17	7/28	2	N/A -
934103	8 tubes of 9 ml	17.5	8/32	2	N/A -

Part no.	Designation	€
934087	Rotor S-4x400 with 4 round platforms	N/A -
934095	Aerosol prevention caps (set of 2)	N/A -

Free rotor S-4X500 and adapters for centrifuge 5910 Ri

Adapters for S-4X500 platforms

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
033709	1 vial 400 ml	81	1/4	2	N/A -
033350	1 flat flask 180-250 ml conical 175 - 225 ml	62	1/4	2	N/A -
033707	12 Eppendorf tubes of 5 ml and conical tubes of 15 ml	17.5	12/48	2	N/A -
933207	16 tubes with round bottoms 3 - 15 ml	16	16/64	2	N/A -
033706	16 tubes with round bottoms 7 - 17 ml	17.5	16/64		N/A -
035704	18 tubes with round bottoms 2,6 - 7 ml	13	25/100	2	N/A -
933065	20 tubes with round bottoms 1.2 - 5 ml	11	20/80	2	N/A -
035688	20 microtubes 1.5/2 ml	11	20/80	2	N/A -
033708	5 conical tubes 50 ml	31	5/20	2	N/A -
033987	5 conical tubes, skirted, 30 - 50 ml and 50 ml	31/29 fluted and conical	5/20	2	N/A -



Part no.	Designation	€
934085	Rotor S-4x500 with 4 rectangular platforms 500 ml	N/A -
934086	Rotor without platforms	N/A -
033884	Platforms for MTP DWP (set of 2)	N/A -
033710	Aerosol prevention caps (set of 2)	N/A -

Free rotor S-4xUniversal and adapters for centrifuge 5910 Ri

Adapters

Part no.	Designation	€
934192	Adapters for 30 round-bottom tubes 4 - 8 ml	N/A -
934191	Adapters, for 26 round bottom tubes 7.5 - 12 ml	N/A -
934189	Adapters, for 16 conical vials of 15 ml or 16 Eppendorf tubes of 5 ml or 1 microplate	N/A -
934198	Adapters, for 9 conical tubes 50 ml or for microplates	N/A -
934188	Adapters, for 7 conical tubes of 50 ml or 1 bottle of 250 ml or 1 microplate	N/A -
934195	Adapters, for 1 Corning 500 ml bottle	N/A -
934193	Adapters, for 1 bottle 750 ml	N/A -
934190	Adapters, for 5 microplates, Deepwell plates and PCR plates	N/A -



Part no.	Designation	€
934091	Rotor S-4 universal with 4 universal cylindrical platforms	N/A -

Free rotor S-4x750 and adapters for centrifuge 5910 Ri

Adapters for S-4X750 platforms

Part no.	Designation	€
933869	Free rotor S-4x750 with 4 cylindrical platforms	N/A -
933870	Free rotor S-4x750 without platform	N/A -
933872	Cylindrical platform s-4x750 (per 2)	N/A -
933871	Cylindrical platform s-4x750 (per 4)	N/A -
933874	MTP/Flex platform (per 2)	N/A -
035781	Aerosol prevention caps for cylindrical housings (set of 2)	N/A -
035782	Aerosol prevention cap for MPT DWP platforms (set of 2)	N/A -

Part no.	Tube vol. (ml)	Ø bore (mm)	Tubes by adapter/ by rotor	Units/ box	€/ box
933030	500 ml conical	98	1/4	2	N/A -
933857	30 ml	25	8/32	2	N/A -
933856	14 ml	17.5	14/56	2	N/A -
035803	1 Eppendorf flask 750 ml	104	1/4	2	N/A -
035801	1 conical flask 225 ml	62	1/4	2	N/A -
035795	14 Eppendorf tubes 5 ml and conical tubes 15 ml	17	14/56	2	N/A -
035802	20 round-bottom tubes 9 ml	17.5	20/80	2	N/A -
035796	20 tubes with round bottoms 5.5 - 12 ml	16	20/80	2	N/A -
035797	23 round-bottom tubes 2.6 - 8 ml	13	23/92	2	N/A -
933169	27 round-bottom tubes 5 ml	12	27/108	2	N/A -
035799	50 microtubes 1.5/2 ml	11	50/200	2	N/A -
035794	7 conical tubes 50 ml	31	7/28	2	N/A -



Free rotor S-4x750

Prices are indicative and excluding tax. Visit Dutscher.com

Benchtop centrifuge 5920 R



- Refrigerated, temperature from -11°C to +40°C
- Rotor with housing for tubes ranging from 0.2 ml to 1000 ml in volume
- Adapter for MTP, PCR, or Deepwell microplates
- Fixed angle rotor for tubes with a volume of 0.2 to 85 ml
- Compact design
- Less noisy, for a better working environment
- The QuickLock rotor and platform covers are guaranteed to be aerosol-proof
- Fast temp function for rapid pre-cooling
- Automatic rotor detection and imbalance detection for maximum safety
- 2 versions:
  - GLP: General Lab Product, for research (not for human diagnostic)
  - IVD : In vitro Diagnostic, for clinical application (human diagnostic)

Maximum RCF with fixed rotor angle (g)	25062
Maximum RCF with platform (g)	4800
Speed (rpm)	200 - 14000 (10 rpm per increment)
Acceleration and deceleration gradient	10/10
Number of programmes	99 (5 mains)
Timer	30 seconds to 99 minutes, continuous operation or short spin
Sound level (dB(A))	Fixed rotor FA-6 x 50 < 60, angular rotor S-4 x 750 < 55
Weight (kg)	139
Dimensions (W x D x H) (cm)	74 x 71 x 40
Maximum power consumption (W)	1650

Cell culture kit

Designation	Maximum capacity tubes per rotor	RCF max. (g)	Anti-aerosol lid Optional QuickLock	Cat. No. GLP	€	Cat. No. IVD	€
Centrifuge 5920 R with S-4 x 1000 rotor with large capacity platforms and adapters for 15/50 ml conical tubes	108 x 15 ml / 52 x 50 ml	3138 / 3163	No	934159	N/A -	933804	N/A -
Centrifuge 5920 R with S-4 x 1000 rotor with platforms and adapters for conical tubes 15/50 ml*	88 x 15 ml / 40 x 50 ml	3092 / 3076	Yes	934161	N/A -	933805	N/A -
Centrifuge 5920 R with S-4 x 1000 rotor featuring cylindrical platforms for 1 L bottles and adapters for 15/50 ml conical tubes	56 x 15 ml / 28 x 50 ml	3428 / 3413	Yes	934160	N/A -	933806	N/A -
Centrifuge 5920 R with S-4 x 750 rotor with cylindrical platforms and adapters for 15/50 ml conical tubes	56 x 15 ml / 28 x 50 ml	4643 / 4618	Yes	934162	N/A -	933807	N/A -

15/50 ml adapters incompatible with QuickLock lids.

Pack for round-bottom tubes

Designation	Maximum capacity tubes per rotor	RCF max. (g)	Anti-aerosol lid Optional QuickLock	Cat. No. GLP	€	Cat. No. IVD	€
Centrifuge 5920 R with S-4 x 1000 rotor with platforms and adapters for round-bottom tubes 13/16 mm in diameter and microplates	140 x 13 mm / 132 x 16 mm**	3076 / 3061	Yes	-	-	933809	N/A -
Centrifuge with S-4 rotor, universal platforms, and adapter for round-bottom tubes with diameters of 13 and 16 mm	196 x 13 mm /148 x 16 mm	4140 / 4120	Yes	934164	N/A -	933209	N/A -

**reduced capacity to 100 x 13 mm and 92 x 16 mm when using QuickLock anti-aerosol lid

Furniture for Eppendorf centrifuges



- For centrifuges 5804/5804R, 5810/5810R, 5910R, 5910Ri, and 5920R
- Equipped with brakes and transport casters
- Low model: fits under a standard 90 cm bench
- High model: lowers the height of the centrifuge for simplified use

Model	Bottom	Top
Dim. L x D x H (mm)	754 x 704 x 385	754 x 704 x 585
Weight (kg)	37	42
Part no.	999585	934453
€	N/A -	N/A -



Special cell culture packs

Thermo Scientific™ centrifuges Multifuge X4 Pro/ X4R Pro ventilated and refrigerated

- Capacity: 4 x 1000 ml
- Programming up to 100 programmes
- Modern, intuitive colour touch-screen control panel
- Motorised closing lid
- Thermo Scientific™ Auto-Lock rotor system
- Thermo Scientific™ ClickSeal cup sealing closure system
- Space-saving design
- GLP: General Lab Product, for research (no human diagnosis)



Model GLP	Multifuge X4 Pro	Multifuge X4R Pro
Max RCF with fixed rotor angle (g)	25830	25830
Max RCF with platform rotor (g)	7164	7164
Speed (rpm)	15200	15200
Acceleration and deceleration gradient	9 / 10	9 / 10
Timer	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode
Sound level (dB(A))	Fixed rotor FA-6x50 ‹ 58, Angular rotor S-4x750 ‹ 54	Fixed rotor FA-6x50 ‹ 58, Angular rotor S-4x750 ‹ 54
Part no.	079706	079705
€	N/A -	N/A -

Accessories

Part no.	Designation	€
228551	TX-1000 rotor	N/A -
228552	Set of 4 vessels for TX-1000 rotor	N/A -
228553	Set of 4 airtight lids for TX-1000 rotor platforms	N/A -
078743	Set of 4 BIOliner conical adapters for 10 x 50 ml tubes	N/A -
228564	Set of 4 conical adapters 24 x 15 ml	N/A -

Thermo Scientific™ Megafuge S T4 Plus / Megafuge ST4R Plus centrifuges ventilated and refrigerated

- Capacity: 4 x 1000 ml
- Programming up to 6 programmes
- Control screen with rotary knobs
- Motorised closing lid
- Thermo Scientific™ Auto-Lock rotor system
- Thermo Scientific™ ClickSeal cup sealing closure system
- Space-saving design
- GLP: General Lab Product, for research (no human diagnosis)



Model GLP	Megafuge ST4 Plus	Megafuge ST4R Plus
Max RCF with fixed rotor angle (g)	25830	25830
Max RCF with platform rotor (g)	7164	7164
Speed (rpm)	15200	15200
Acceleration and deceleration gradient	9 / 10	9 / 10
Timer	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode
Part no.	079708	079707
€	N/A -	N/A -

Accessories

Part no.	Designation	€
228551	TX-1000 rotor	N/A -
228552	Set of 4 vessels for TX-1000 rotor	N/A -
228553	Set of 4 airtight lids for TX-1000 rotor platforms	N/A -
078743	Set of 4 BIOliner conical adapters for 10 x 50 ml tubes	N/A -
228564	Set of 4 conical adapters 24 x 15 ml	N/A -
228556	Set of 4 microplate/deepwell platforms for TX 1000 rotor	N/A -

Thermo Scientific™ centrifuges Multifuge X1 Pro/ X1R Pro ventilated and refrigerated

- Capacity: 4 x 400 ml
- Programming up to 100 programmes
- Modern, intuitive colour touch-screen control panel
- Motorised closing lid
- Thermo Scientific™ Auto-Lock rotor system
- Thermo Scientific™ ClickSeal cup sealing closure system
- Space-saving design
- GLP: General Lab Product, for research (no human diagnosis)



Model GLP	Multifuge X1 Pro	Multifuge X1R Pro
Max RCF with fixed rotor angle (g)	25830	25830
Max RCF with platform rotor (g)	7164	7164
Speed (rpm)	15200	15200
Acceleration and deceleration gradient	9 / 10	9 / 10
Timer	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode
Part no.	079711	079709
€	N/A -	N/A -

Accessories

Part no.	Designation	€
078719B	TX-400 rotor	N/A -
078725	Set of 4 round platforms, 400 ml, for TX-400 rotor	N/A -
078726	Set of 4 caps for TX-400 rotor platforms	N/A -
078750	Set of 4 conical adapters 4 x 50 ml	N/A -
078749	Set of 4 conical adapters 9 x 15 ml	N/A -

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Thermo Scientific™ Megafuge ST1 Plus/ ST1R Plus ventilated and refrigerated centrifuges



- Capacity: 4 x 400 ml
- Programming up to 6 programmes
- Modern, intuitive colour touch-screen control panel
- Motorised closing lid
- Thermo Scientific™ Auto-Lock rotor system
- Thermo Scientific™ ClickSeal cup sealing closure system
- Space-saving design
- GLP: General Lab Product, for research (no human diagnosis)

Special cell culture packs

Model GLP	Megafuge ST1 plus	Megafuge ST1R plus
Max RCF with fixed rotor angle (g)	25830	25830
Max RCF with platform rotor (g)	7164	7164
Speed (rpm)	15200	15200
Number of programmes	100	100
Acceleration and deceleration gradient	9 / 10	9 / 10
Timer	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode	Max 99 hours, 59 minutes, 59 seconds; continuous or pulse mode
Weight (kg)	61	94
Part no.	079710	299289
€	N/A -	N/A -

Accessories

Part no.	Designation	€
078719B	TX-400 rotor	N/A -
078725	Set of 4 round platforms, 400 ml, for TX-400 rotor	N/A -
078726	Set of 4 caps for TX-400 rotor platforms	N/A -
078750	Set of 4 conical adapters 4 x 50 ml	N/A -
078749	Set of 4 conical adapters 9 x 15 ml	N/A -

Thermo Scientific™ SL8/SL8R Plus ventilated and refrigerated centrifuges



Special cell culture packs

- Capacity: 4 x 145 ml
- Maximum acceleration
- Up to 3 direct programme buttons
- Modern, intuitive colour touch-screen control panel
- Motorised closing lid
- Thermo Scientific™ Auto-Lock rotor system
- Thermo Scientific™ ClickSeal cup sealing closure system
- Space-saving design
- GLP: General Lab Product, for research (no human diagnosis)

Model GLP	SL 8	SL 8R
Max RCF with fixed rotor angle (g)	24328	30279
Max RCF with platform rotor (g)	3260	3260
Speed (rpm)	16000	17850
Acceleration and deceleration gradient	09-Oct	09-Oct
Number of programmes	100	100
Timer	99 hours 59 min, continuous	99 hours 59 min, continuous
Sound level (dB(A))	52	52
Weight (kg)	89	71
Part no.	228476	228620
€	N/A -	N/A -

Platforms and covers for TX150 rotor

Part no.	Designation	€
228480	Set of 4 platforms for TX150 rotor	N/A -
228481	Set of 4 airtight lids	N/A -

Adapters

Part no.	Designation	€
228484	4 Adapters for 50ml tubes with or without skirt	N/A -
228486	Set of 4 adapters for 15 ml conical tubes	N/A -
228488	Set of 4 adapters for 5/7 ml tubes	N/A -
228489	Set of 4 adapters for 1.5/2 ml tubes	N/A -

Cell culture special

Part no.	Designation	€
262963	Rotor TX150 + 4 vessels + 4 adapters 50 ml conical	N/A -

Rotors

Part no.	Designation	€
228477	Rotor TX 150	N/A -
228497	Rotor M10 for microplates	N/A -
228501	Rotor Microclick 24 x 2 ml	N/A -

Thermo Scientific™ CL17/CL17R and CL21/CL21R microcentrifuges



- Capacity 24 x 1.5ml
- Acceleration performances up to 17,000 g or 21,100 g
- Ventilated or refrigerated model
- Supplied with a 24 x 1.5 ml rotor

Model	MicroCL17	MicroCL17R	MicroCL21	MicroCL 1R
Max RCF with fixed rotor angle (g)	17000	17000	21100	21100
Speed (rpm)	13300	13300	14800	14800
Number of programmes	11 seconds / 12 seconds			
Timer	1 min - 99 min; increments of 1 min + continuous mode	Max 99 hours, 59 minutes, 59 s; continuous or pulse mode		
Temperature	Vented	-9 °C to +40 °C	Vented	-9 °C to +40 °C
Sound level (dB(A))	Fixed rotor FA-6x50 ‹ 58, Angular rotor S-4x750 ‹ 54			
Weight (kg)	10.5	28	10.5	28
Part no.	078842	078843	078845	078846
€	N/A -	N/A -	N/A -	N/A -

Manual centrifuge

- Compact and portable
- Requires virtually no maintenance
- Self-lubricating mechanism
- Rotor 4-place for conical tubes and round-bottom tubes
- Delivered without rotor (to be ordered separately)

Max. capacity	4 x 15 ml
RPM / ACR max free angle 50°	3.000/1298
RPM / ACR max free angle 90°	3.000/1077
Dimensions H x W x D (mm)	285 x 140 x 175
Weight (kg)	0.9
Part no.	472074
€	N/A -



With 50° rotor



With 90° rotor

Rotors

Part no.	Designation	€
472075	90° rotor for conical bottom tubes	N/A -
472085	50° rotor for conical or round bottom tubes	N/A -

Small centrifuge EBA 270

- Equipped with a free rotor
- For centrifugation of blood collection tubes and urine tubes up to 15 ml
- Adjustable speed and centrifugation duration
- The "Pulse" button allows for short-duration centrifugations
- Equipped with lid locking and retention in closed position, stop in case of imbalance, metal lid lock and emergency release
- Supplied with 1 rotor, 6 platforms of 15 ml, reducer included



Maximum capacity	6 x 15 ml
Speed (RPM)	4000
RCF acceleration (g)	2254
Timer	1 sec - 99 min. / continuous / short-duration cycle (Pulse button)
Number of rotors	1 rotor 6 x 15 ml included
Display	Digital
Keyboard type	Tactile
L x D x H (mm)	239 x 326 x 389
Weight (kg)	14
Part no. with rotor	472630
€	N/A -



Small centrifuges EBA 200 / 200 S

- Ideal for small sample quantities
- Angular rotor 8 rotors
- Tubes up to 15 ml



Model	EBA 200	EBA 200 S
Maximum capacity	8 x 15 ml	
Speed (RPM)	6000	8000
RCF acceleration (g)	3461	6153
Timer	99 minutes	
Number of rotors	1 rotor 8 x 15 ml included	
Display	Digital	
Number of programmes	0	
L x D x H (mm)	262 x 352 x 228	
Weight (kg)	9	11
Part no. with rotor	472716	472715
€	N/A -	N/A -



Adapters

Part no.	Designation	€
472838	Adapter for 1.5 ml and 2.0 ml microtubes (per 8)	N/A -
472617	Adapter for tubes 10 x 88 mm	N/A -
472086	Adapter for 12 x 72-82 mm tube	N/A -
472088	Adapter for tubes 13 x 100 mm	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Hettich MIKRO 185 microcentrifuge



- Compact microcentrifuge
- Speed rpm (rev/min^{-1}): 200 - 1400, adjustable in increments of 10 up to 10,000 min^{-1}, then 100 beyond
- IVD compliant according to standard 98/79/EC
- Sound level of ≤ 54 dB(A) with rotor 1252-A
- The "Pulse" button allows for short-duration centrifugations
- Easy programming via numeric keypad
- "Spin Column" kits (minipreps) can also be used thanks to the special design of rotor 1213-A

Model	MIKRO 185	
Max. capacity	24 x 1.5/2 ml	
Max RPM (rev/min^{-1})	14000	
ACR max (g)	18845	
Duration	1 - 99 min: 59 s, continuous operation, short duration cycle (Pulse button)	
Dim. l x w x h (mm)	261 x 353 x 228	
Weight (kg)	11	
Noise level dB (A)	54	
Rotor	Angular rotor 1226-A, 24 slots 14,000 rpm 24 x 2 ml	Angular rotor 1213-A, 18 slots for spin-column 14,000 rpm 18 x 2 ml
Features	Part no. set with rotor centrifuge and lid included	
Part no.	472943	472948B
€	N/A -	N/A -

Accessory

Part no.	Designation	€
472743	Lid for Spin Column rotor	N/A -

Centrifuges Hettich MIKRO 200 and MIKRO 200 R



- Speed rpm (rev/min^{-1}) : 500 - 15,000 min^{-1}, adjustable in increments of 10
- Max ACR : 21382
- Max capacity : 30 x 2 ml
- IVD compliant according to standard 98/79/EC
- Possibility of developing programmes
- 9 acceleration and deceleration ramps
- Model 200 R: adjustable temperature from -10°C to +40°C with pre-cooling function

Model	MIKRO 200	MIKRO 200R
Max. capacity	30 x 1.5/2.0 ml	
Max RPM (rpm^{-1})	15.000	
ACR max (g)	21382	
Duration	1 - 99 min: 59 s, continuous operation, short-duration cycle (Pulse button)	1 - 99 min: 59 sec, ∞ continuous operation, short duration cycle (Pulse button)
Dim. l x w x h (mm)	275 x 344 x 260	281 x 553 x 260
Weight (kg)	11.5	28
Temperature range	-	- 10 to + 40 °C
Noise level dB (A)	59	54

Rotor included	Angular rotor, 24 places 15,000 min^{-1} 24 x 2 ml	Angular rotor, 30 places 15,000 min^{-1} 30 x 2 ml	Angular rotor, 24 slots for spin-column 15,000 min^{-1} 24 x 2 ml
Part no.: Pack with ventilated centrifuge MIKRO 200, rotor and lid	472944	472945	472949
€	N/A -	N/A -	N/A -
Part no.: pack with refrigerated centrifuge MIKRO 200R, rotor and lid	472946	472947	472950
€	N/A -	N/A -	N/A -

Benchtop centrifuges EBA 280 / 280 S

- Small high-performance centrifuges
- Multiple usage, particularly in the field of microlitre measurement
- Wide range of rotors (to be ordered separately)

more info Dutscher.com

Model	EBA 280	EBA 280 S
Maximum capacity	6 x 50 ml	
Speed (rpm)	6000	
RCF acceleration (g)	4146	5071
Timer	99 min 59 sec	
Number of rotors	6 - not included	
Display	Digital	
Number of programmes	0	
L x D x H (mm)	326 x 389 x 242	
Weight (kg)	11	
Part no. (without rotor)	472719	472720
€	N/A -	N/A -



Rotors

Model	1146	1148	1142	1133	1137	1139
Type	Angular	Free	Free	Angular	Angular	Angular
Max. capacity	6 x 15 ml	8 x 10 ml	12x 5ml	12 x 7 ml	6 x 50 ml	12 x 15 ml
Max. speed (rpm)	6000	5000	5000	5000	6000	6000
G max.	5071	2991	2991	2879	4025	4146
Lid	No	No	No	No	No	No
Part no.	472721	472729	472732	472736	472734	472735
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Platforms

Part no.	For flight tubes of vol. (ml)	For tubes with ø (mm)	Max number of tubes/rotor	Model of associated rotor	€
472723*	15	17	6	1146	N/A -
472730	2.6 to 6	13	8	1148	N/A -
472731	4 to 10	17	8	1148	N/A -
472733	1.6 to 5	13	12	1142	N/A -

* batch 6

Adapters

Part no.	For flight tubes of vol. (ml)	For tubes with ø (mm)	Max number of tubes/rotor			€
			1146	1137	1139	
472726B*	0.5	11	6	-	12	N/A -
472725*	1.6 to 5	13	6	-	-	N/A -
472217	7	12	-	18	-	N/A -
472220	15 (round bottom)	17	-	6	-	N/A -
472218	25/30	26	-	6	-	N/A -
472216	15 (conical)	17	-	6	-	N/A -
472221	50 (conical)	29	-	3	-	N/A -
472219	50 (round bottom)	29	-	6	-	N/A -
472086	1.1 to 5	13	-	-	12	N/A -
472088	4 to 7	13	-	-	12	N/A -

* batch 6

Prices are indicative and excluding tax. Visit Dutscher.com

Cytology centrifuge ROTOFIX 32 A



- Versatile
- Essential for daily laboratory tasks
- Extensive range of accessories
- Evolution towards cytology
- Interchangeable rotors for:
  - round bottom tubes up to 100 ml
  - conical tubes up to 50 ml
  - up to 8 cytological preparations
- Complies with directive 2017/746 on *In-Vitro* diagnostics (in accordance with Annex IX)

Model	ROTOFIX 32 A
Maximum capacity	4 x 100 ml or 32 x 15 ml
Speed (RPM)	6000
RCF acceleration (g)	4226
Timer	99 minutes
Number of rotors	12 not included
Display	Digital
Keyboard type	Tactile
L x D x H (mm)	366 x 430 x 257
Weight (kg)	23
Rotorless part no.	472112
€	N/A -

Rotor 1624

Model	
	1624
Type	Free
Number of vessels or slots	4 platforms to be added to the rotor
Speed (RPM)	4000
Part no.	472213
€	N/A -

Platforms for model 1624

Part no.	Designation	€
472653	Cylindrical platform for rotor 1624	N/A -
472656	Sealed lid for platform 472653	N/A -

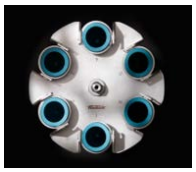
Tube racks

Cradles for platforms 472653** for rotor 1624

Part no.	Tube type	Number of tubes / rack	Number of tubes /rotor	€
472131	1.5-2ml tubes	5	20	N/A -
472147	1.6/7ml tubes	5	20	N/A -
472122	15ml tubes	4	16	N/A -
472123	25 ml tube	1	1	N/A -
472124	50 ml tube	1	1	N/A -
472150	85 ml tube	1	1	N/A -
472044	insert tube 100ml diameter 44mm	1	1	N/A -
472130	4/10ml tubes	4	16	N/A -
472920	5 ml tubes	3	15	N/A -
472129	15ml conical tube, Falcon type	1	1	N/A -
472148	50ml conical tube, Falcon type	1	1	N/A -
472130	4/10ml tubes	4	16	N/A -
472403	30 ml tube	1	1	N/A -
472402	50 ml tube	1	1	N/A -
472150	85 ml tube	1	1	N/A -

** For a functional setup, provide one support stand per platform.

Rotor 1619

Model	
	1619
Type	Free
Number of vessels or slots	Rotor equipped and delivered with 6 x 50 ml vessels
Speed (RPM)	4000
Part no.	472210
€	N/A -

Tube racks

Carrier for rotor vessel 1619**

Part no.	Designation	€
472189	Rack for 15 ml conical tube, Falcon type	N/A -

** For a functional setup, provide one support stand per platform.

Rotor 1620A

Model	
	1620A
Type	Angular
Number of vessels or slots	6 x 94 ml to be equipped with an adapter according to the centrifuge tubes
Speed (RPM)	6000
Part no.	472211
€	N/A -

Tube racks

Angular rotor racks 1620A**

Part no.	Designation	€
472178	Rack for 4 tubes of 1.5/2 ml	N/A -
472180	Rack for 9/15 ml tubes	N/A -
472869	Adapter for 5 ml conical tube for rotor 1620A	N/A -
472191	Rack for 15 ml conical tube, Falcon type	N/A -
472183	Rack for 50 ml conical tube, Falcon type	N/A -
472225	Set of 6 adapters for 50 ml conical tubes	N/A -
472177	Rack for 2 x 10 ml tubes	N/A -
472176	Rack for 30 ml tube	N/A -
472175	Rack for 50 ml tube	N/A -

** For a functional setup, provide one support stand per platform.

Tip

Find platforms and adapters at dutscher.com!

more products Dutscher.com

Benchtop centrifuges ROTANTA 460 / 460 R / 460 RC / 460 RF

Centrifuges ROTANTA 460 and ROTANTA 460 R

- Available in ventilated, refrigerated, or thermostatically controlled versions
- Information continuously displayed on acceleration and deceleration ramps
- Accessories for specialized applications:
  - for blood bag
  - for cytological preparations
  - for plates
  - for chrome bath tubes and Schlenk tubes
  - for Qiagen-type filtration kit



472584

Model	ROTANTA 460 ventilated	ROTANTA 460 R refrigerated
Maximum capacity	4 x 1000 ml	
Speed (RPM)	15000	
RCF acceleration (g)	24400	
Temperature	-	-20 to +40 °C
Timer	99 h 59 minutes	
Number of rotors	8 not included	
Number of programmes	89	
L x D x H (mm)	554 x 707 x 453	770 x 707 x 453
Part no.	472584	472588
€	N/A -	N/A -

Centrifuges ROTANTA 460 RC and ROTENTA 460 RF

- 406 RC and RF models on stands and castors
- Refrigerated
- Complying with directive 93/42/EEC on medical devices (in accordance with Annex II) (transitioning to 2017/745 before 26/05/2024)

Model	ROTANTA 460 RC refrigerated	ROTANTA 460 RF refrigerated
Maximum capacity	4 x 750 ml	
Speed (RPM)	15000	
RCF acceleration (g)	24400	
Temperature	-20 to +40 °C	
Timer	99 h 59 minutes	
Number of rotors	10 not included	
H x W x D (mm)	683 x 554 x 697	961 x 554 x 697
Part no.	472498	472629
€	N/A -	N/A -

Configuration for 2 microplates

Speed 6446 g. 2-position rotor for Deepwell plates, filter plates from purification kits, PCR plates, and microtitration plates.

Part no.	Configuration content	€
472588	ROTANTA 460R centrifuge	N/A -
472712	Rotor for two holders for microtitration plates, culture, deepwell	N/A -
472713	Platform for rotor 472712 (plan 2 platforms)	N/A -
472454	Insert for platform 4623/4623R/5628	N/A -
472202	Support for 96-well PCR plate	N/A -

Configuration for 4 microplates

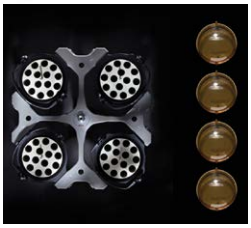
Speed 4211 g. 4-position rotor for Deepwell plates, purification kit filter plates, PCR plates.

Part no.	Configuration content	€
472588	ROTANTA 460R centrifuge	N/A -
472797	5699-R rotor	N/A -
472600	Microtiter plate carrier for culture, Deepwell (plan for 4 carriers per rotor)	N/A -
472454	Insert for platforms (allocate one insert per platform)	N/A -
472602	Sealed lid for 472600 platforms	N/A -
472202	Support for PCR plates	N/A -

Tip

Find more rotors and platforms at dutscher.com

5699-R rotor



Model	5699-R
Type	Free
Number of vessels or slots	4 platforms to be added to the rotor
Speed (RPM)	4600
Part no.	472797
€	N/A -

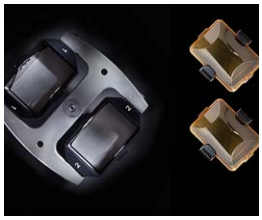
Platforms for rotor model 5699-R

Part no.	Designation	€
472747	Platform 600 ml single-hand closure for rotor 5699-R	N/A -
472749	Waterproof cover	N/A -

Tube racks

Part no.	Designation	Number of tubes / rack	Number of tubes /rotor	€
472504	Rack for 1.1/4 ml tubes	42	168	N/A -
472505	Rack for 1/7 ml tubes	30	120	N/A -
472506	Rack for 4/15 ml tubes	19	76	N/A -
472507	Rack for 25/30 ml tubes	7	28	N/A -
472511	Rack for 250 ml round-bottom tubes	1	1	N/A -
472512	Rack for 12/15 ml conical tubes, Falcon type	12	56	N/A -
472610	Rack for 50 ml conical tubes, Falcon type	7	28	N/A -
472513	Rack for 50 ml tubes	7	28	N/A -
472514	Rack for 250 ml bottle	1	1	N/A -
472517	Rack for 750 ml bottle	1	1	N/A -
472518	Rack for 600 ml bottle	1	1	N/A -

Rotor 5622



Model	5622
Type	Free
Number of vessels or slots	2 platforms
Speed (RPM)	5900
Part no.	472712
€	N/A -

Platforms for rotor model 5622

Part no.	Designation	€
472713	Rectangular boat for rotor 5622	N/A -
472455	Lid for free rotor 2-place platform for microplate	N/A -

Accessories

Part no.	Designation	€
472454	Insert for platform 4623/4623R/5628/5631	N/A -
472202	Support for 96-well PCR plate	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Benchtop centrifuges ROTINA 420 / 420 R

- Available in ventilated, refrigerated, or thermostatically controlled versions
- Cutting-edge technology for silent operation
- In compliance with Directive 2017/746 on *In-Vitro* diagnostics (in accordance with Annex IX)
- Maximum capacity of:
  - 4 x 600 ml
  - 20 conical tubes 50 ml
  - 52 conical tubes 15 ml
  - 104 blood collection tubes
  - 16 microtitre plates

2 YEARS WARRANTY

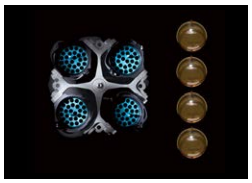
Ideal for large volumes.



Model	ROTINA 420 ventilated	ROUTINE 420 R refrigerated
Maximum capacity	4 x 600 ml	
Speed (rpm)	15000	
RCF acceleration (g)	24400	
Temperature	-	-20 to +40 °C
Timer	99 h 59 minutes	
Number of rotors	5 not included	
Number of programmes	98	
L x D x H (mm)	506 x 650 x 423	713 x 654 x 423
Weight (kg)	75	108
Part no.	472456	472458
€	N/A -	N/A -

4784-A rotor

Model	4784-A
Type	Free
Number of vessels or slots	4 platforms *to be added to the rotor*
Speed (RPM)	4000
Part no.	472460B
€	N/A -



Platforms for rotor model 4784-A*

Part no.	Designation	€
472751	Platform 600 ml with one-hand closure for rotor 4784-A	N/A -
472472B	Microplate platform for rotor 4784-A	N/A -
472753	Sealed cover for platform	N/A -

* To be equipped with tube racks or plate stands.

Rack for tubes or plate for rotor model 4784-A

Part no.	Designation	Number of tubes / rack	Number of tubes /rotor	€
473029	Rack for 5 ml tubes, 13 mm diameter	26	104	N/A -
473030	Rack for 15 ml tubes, 17 mm diameter	18	72	N/A -
472482	Rack for 50 ml or 75 ml tubes	4	20	N/A -
472483	Rack for 85/100 ml tubes	3	12	N/A -
472484	Rack for 100 ml tubes	2	8	N/A -
472485	Rack for 250 ml glass tubes	1	4	N/A -
473034	Rack for 5 - 7 ml tubes with 13 mm diameter	21	84	N/A -
472908	Rack for 5 ml conical tubes	12	48	N/A -
473031	Rack for 15 ml conical tubes, Falcon type	14	52	N/A -
473032	Rack for 50 ml conical tubes, Falcon type	4	5	N/A -
472481	Rack for skirted tubes 25/30 ml	7	28	N/A -
472493	Reducer for Falcon 175/225 ml	1	1	N/A -
472494	Reducer for conical flask 175/200 ml	1	1	N/A -
472488	Rack for 250 ml bottle	1	1	N/A -
472489	Rack for 400 ml bottle	1	1	N/A -
472202	PCR plate rack 96 wells	-	-	N/A -

4790-A rotor

Model	4790-A
Type	Angular with lid
Number of vessels or slots	30 x 1.5 ml
Speed (RPM)	4000
Part no.	472495
€	N/A -



Tube adapters for rotor 4790-A

Part no.	Designation	Number of tubes /rack	Number of tubes /rotor	Units /box	€ /box
472314	Reducer 1 place for microtube 0.2/0.4 ml	1	30	6	N/A -
472313	Reducer 1 place for microtube 0.5/0.8 ml	1	30	6	N/A -
472315	Reducer 1 place adapter for 1.5 ml microtube	1	30	6	N/A -
472866	Insert for BD-Microtainer tubes	1	15	15	N/A -

Rotor 4795

Model	4795
Type	Angular
Number of vessels or slots	4 x 250 ml
Speed (RPM)	9500
Part no.	472497
€	N/A -

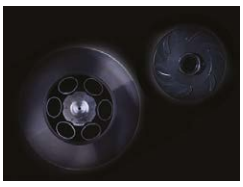


Tube holders for rotor 4795

Part no.	Designation	Number of tubes /rack	Number of tubes /rotor	€
472609	Rack for 15 ml tubes	5	20	N/A -
472605	Rack for 25-30 ml tubes	3	12	N/A -
472607	Rack for 85/94 ml tubes	1	4	N/A -
472842	Adapter for single 50 ml conical tube, Falcon type	1	1	N/A -
472841	Adapter for 15 ml conical tube, Falcon type	5	4	N/A -
472604	Adapter for 10 ml tubes	8	32	N/A -
472606	Adapter for 50 ml tubes	1	1	N/A -

Rotor 4794

Model	4794
Type	Angular
Number of vessels or slots	6 x 94 ml
Speed (RPM)	11000
Part no.	472496
€	N/A -



Tip

Find additional platforms and platform adapters at Dutscher.com

Tube holders for rotor 4794

Part no.	Designation	Number of tubes /rack	Number of tubes /rotor	€
472178	Rack for 1.5/2 ml tubes	4	24	N/A -
472180	Rack for 9/15 ml tubes	1	6	N/A -
472176	Rack for 30 ml tubes	1	6	N/A -
472190	Rack for 50 ml round-bottom tubes	1	6	N/A -
472869	Adapter for 5 ml conical tubes	1	6	N/A -
472191	Rack for 15 ml Falcon tubes	1	6	N/A -
472183	Rack for 50 ml Falcon tubes	1	6	N/A -
472177	Rack for 10 ml tubes	2	12	N/A -
472175	Rack for 50 ml round-bottom tubes	1	6	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Floor-standing refrigerated centrifuge ROTIXA 500 RS



- Large volume of samples
- Key switch to protect data from any unauthorized modification
- Maximum capacity of:
  - 120 blood collection containers
  - 92 conical tubes of 15 ml with screw cap
  - 4 x 1000 ml blood bags

WARRANTY 2 YEARS

Model	ROTIXA 500 RS refrigerated
Maximum capacity	4 x 1000 ml
Speed (rpm)	4500
RCF acceleration (g)	5252
Temperature	-20 to +40 °C
Number of rotors	5 not included
L x D x H (mm)	650 x 815 x 973
Weight (kg)	219
Part no.	472780
€	N/A -

Rotors

Model	4294	4296	4282
Type	Free	Free	Free
Number of seats	4	6	2
Max. speed (rpm)	4500	4000	3600
G max.	5252	3631	2652
Part no.	472393	472395	472384
€	N/A -	N/A -	N/A -

Platforms and adaptors

Part no.	Designation	€
	For rotor 472393	
472392	Platform for 4 triple blood bag housing , 450 - 500 ml	N/A -
472370B	Adapter for platform 472392	N/A -
472396B	Platform for 4 quadruple blood bags, 450 - 500 ml	N/A -
472367B	Adapter for platform 472396B	N/A -
472374	Platform for 5 Hitachi racks (20 racks per rotor)	N/A -
472376B	Adapter for platform 472374	N/A -
472397	Platform for microplates and LKB racks	N/A -
472366	Microplate rubber support	N/A -
	For rotor 472384	
472386	Platform for 2-seater rotor 472384	N/A -
472383	Rack for microplates	N/A -
472385	Rack for 6 Olympus racks	N/A -
472388B	Rack for 10 Hitachi racks	N/A -
472377B	Rack holder 50 places	N/A -

Other rectangular and cylindrical platforms (without adapters)

Part no.	Designation	€
472394B	Cylindrical platform only for rotor 472393	N/A -
472372	Rectangular platform only for rotor 472393	N/A -
472529	Rectangular platform only for rotor 472395	N/A -
472531	Cylindrical platform only for rotor 472395	N/A -

Adapters for cradles without adapters

Part no.	For flight tubes of vol. (ml)	For tubes with ø (mm)	Number of tubes /adapter	Number of tubes /rotor	€
	For rectangular platform 472529				
472564	1.5 - 2	11	40	240	N/A -
472583	1.5 - 2	11	16	96	N/A -
472573	5	12	12	72	N/A -
472550	6	12	20	120	N/A -
472559	7	12	20	120	N/A -
472570	9	14	12	72	N/A -
472561	15	17	12	72	N/A -
472557	25	24	5	30	N/A -
472558	50	34	2	12	N/A -
472568	100	44	1	6	N/A -
472563	100	40	1	6	N/A -
472582	Two-level support for cytology accessories				N/A -
472572	1.1 -1.4	8	20	120	N/A -
472565	9 - 10	16	11	66	N/A -
472618	15 (Falcon type)	17	7	42	N/A -
472571	30 (Falcon type)	25	5	30	N/A -
472566	50 (Falcon type)	29	2	6	N/A -
472618	12 (Falcon type)	17	7	42	N/A -
	For cylindrical platform 472531				
472533	7	12	12	72	N/A -
472546	15	17	8	48	N/A -
472535	25	24	4	24	N/A -
472547	1.6 - 5	13	8	48	N/A -
472548	1.6 - 5	13	12	72	N/A -
472534	12	17	7	42	N/A -
472546	10	16	8	48	N/A -
472542	15 (Falcon type)	17	7	42	N/A -
472536	50 (Falcon type)	29	2	12	N/A -
472545	50 (Falcon type)	29	2	12	N/A -
472622	250 (bottle)	61	1	6	N/A -
472646	250 (bottle)	65	1	4	N/A -
	For platform 472379				
472382	50 (ASTM tube)[1]	45	1	4	N/A -
472048	100 (ASTM tube)[1]	58	1	4	N/A -
472381	100 (ASTM tube)[2]	44	1	4	N/A -

[1] For ASTM pear-shaped tubes / [2] For ASTM conical-shaped tubes

Adapters for cradles without adapters

Part no.	For tubes of vol. (ml)	For tubes with ø (mm)	Number of tubes /adapter	Number of tubes /rotor	€
	For cylindrical platform 472394B				
472361	0.8	8	78	312	N/A -
472360	1.5 - 2	11	84	336	N/A -
472369	4	10	63	252	N/A -
472347	5	12	48	192	N/A -
472346	6 - 7	12	48	192	N/A -
472357	12	16	25	100	N/A -
472348	15	17	30	120	N/A -
472350	25	24	11	44	N/A -
472351	50	34	6	24	N/A -
472352	100	40	4	16	N/A -
472356	2.6 - 2.9	13	30	120	N/A -
472349	4 - 5.5	15	30	120	N/A -
472355	4 - 7	13	30	120	N/A -
472363	15 (Falcon type)	17	23	92	N/A -
472371	50 (Falcon type)	29	8	32	N/A -
472354	12 (Falcon type)	17	16	64	N/A -
472368	250 (bottle)	61	1	4	N/A -
472364	600 (bottle)	93	1	4	N/A -
472375	750 (bottle)	97	1	4	N/A -
472623	250 (bottle)	60	1	4	N/A -
	For rectangular platform 472372				
472409	2.7 - 7	11 - 12	30	120	N/A -
472410	9 - 15	17 - 17	19	76	N/A -
472413	25	24	7	28	N/A -
472414	50	34	4	16	N/A -
472417	100	44	2	8	N/A -
472411	5 - 7	13	21	84	N/A -
472412	15 (Falcon type)	17	12	48	N/A -
472416	50 (Falcon type)	29	5	20	N/A -
472418	250 (bottle)	61	1	4	N/A -
472415	175	61	1	4	N/A -
472406	175-200	60 - 61	1	4	N/A -
472421	250-200	60 - 96	1	4	N/A -

Floor-standing centrifuge ROTO SILENTA 630 RS

Model	ROTO SILENTA 630 RS
Maximum capacity	6 x 2000 ml
Speed (rpm)	4500
RCF acceleration (g)	6498
Temperature	-20 to +40 °C
Number of rotors	1 not included
L x D x H (mm)	813 x 1015 x 973
Weight (kg)	360
Part no.	472526
€	N/A -



For a very high yield. Refrigerated.

- With internal or external cooling for GMP version and operation in a clean room
- Rotor without friction shield for improved handling and optimal temperature distribution
- Regular and quiet operation despite the tolerance for unbalance up to 120 g
- Key switch to protect data from any unauthorized modification

Rotor - Max. RPM : 4500, G max : 6498

Part no.	Designation	€
472345	Free rotor with 6 positions	N/A -

Adapters for cradles without adapters

Part no.	For tubes of vol. (ml)	For tubes with ø (mm)	Number of tubes /adapter	Number of tubes /rotor	€
For cylindrical platform 472441B and platform 472439B					
472409	2.7 - 7	11 - 12	30	180	N/A -
472410	9 - 15	17 - 17	19	114	N/A -
472413	25	24	7	42	N/A -
472414	50	34	4	24	N/A -
472417	100	44	2	18	N/A -
472411	5 - 7	13	21	126	N/A -
472412	15 (Falcon type)	17	12	72	N/A -
472416	50 (Falcon type)	29	5	30	N/A -
472418	250 (bottle)	61	1	6	N/A -
472415	1751	61	1	6	N/A -
472406	175-200 [1]	60 - 61	1	6	N/A -
472421	250-200 [1]	60 - 96	1	6	N/A -
For rectangular platform 472429B					
472359	4	10	63	378	N/A -
472347	5	12	48	288	N/A -
472346	6 - 7	12	48	288	N/A -
472357	12	16	25	150	N/A -
472348	15	17	30	180	N/A -
472350	25	24	11	66	N/A -
472351	50	34	6	36	N/A -
472352	100	40	4	24	N/A -
472356	2.6 - 2.9	13	30	180	N/A -
472347	2.7 - 3	11	48	288	N/A -
472349	4 - 5.5	15	30	180	N/A -
472354	9 - 10	16	16	96	N/A -
472355	4 - 7	13	30	180	N/A -
472363	15 (Falcon type)	17	23	138	N/A -
472371	50 (Falcon type)	29	8	48	N/A -
472368	250 (bottle)	61	1	6	N/A -
472364	600 (bottle)	93	1	6	N/A -
472375	750 (bottle)	97	1	6	N/A -
472623	250 (bottle)	60	1	6	N/A -

[1] For conical bottle

Platforms and adaptors

Part no.	Designation	€
472438B	Platform for 12 quadruple blood bags, 450 ml	N/A -
472440B	Adapter for platform 472438B	N/A -
472442B	Platform for 12 quadruple blood bags, 550 ml	N/A -
472443B	Adapter for platform 472442B	N/A -
472431B	System for maintaining quadruple blood bags	N/A -
472444B	Platform for 4 plates or 2000 ml flask	N/A -
472430B	Platform for 6 quadruple blood bags, 750 ml	N/A -
472428B	Adapter for platform 472430B	N/A -

Other rectangular and cylindrical platforms (without adapters)

Part no.	Designation	€
472441B	Cylindrical platform only for rotor 472345	N/A -
472439B	Cylindrical platform only for rotor 4723451	N/A -
472429B	Rectangular platform only for rotor 472345	N/A -

more info Dutscher.com

Prices are indicative and excluding tax. Visit Dutscher.com

Centrifugation by Beckman Coulter

High-performance centrifuges



NEW

This range of centrifuges, represented by the Avanti series, is distinguished by its large sample processing capacity: 9 litres and by their exceptional speed performance: up to 100,000 g.

Exceptional centrifuges, they combine versatility and high performance

The main advantages of the Avanti models are:

+ Maximum rotation: 26,000 rpm (81,800 x g) or 30,000 rpm (110,500 x g)
+ Maximum capacity of 6000 ml (JXN-26) or 4000 ml (JXN-30)
+ Maximum heat dissipation of 1.5 kW (5,120 BTU/hour)
+ Chlorofluorocarbon and hydrofluorocarbon (CFC)-free refrigeration system for temperatures ranging from -10°C to 40°C
+ A wide range of rotors is available for the Avanti® JXN, including fixed-angle rotors and swinging-bucket rotors for both large and small volumes, as well as elutriation, zonal, and continuous flow rotors.
+ Full compatibility with previous generation rotors
+ stainless steel tank 22-litre
+ Can be used on -20°C/-30°C, -80°C and -150°C freezers
+ Power supply: 220-240 V 50-60 Hz
+ large touchscreen display 15-inch
+ 21 CFR Part 11: traceability and user identification capability

Tip

A quotation, advice, more information?
Please do not hesitate to contact us.

Ultracentrifuges



NEW

This range of centrifuges, represented by the Optima series, is distinguished by its exceptional speed and acceleration performance: up to 100,000 rpm and 802,400 x g for the Optima XPN models, 150,000 rpm and a maximum acceleration of 1,019,000 x g for the Optima Max-XP models.

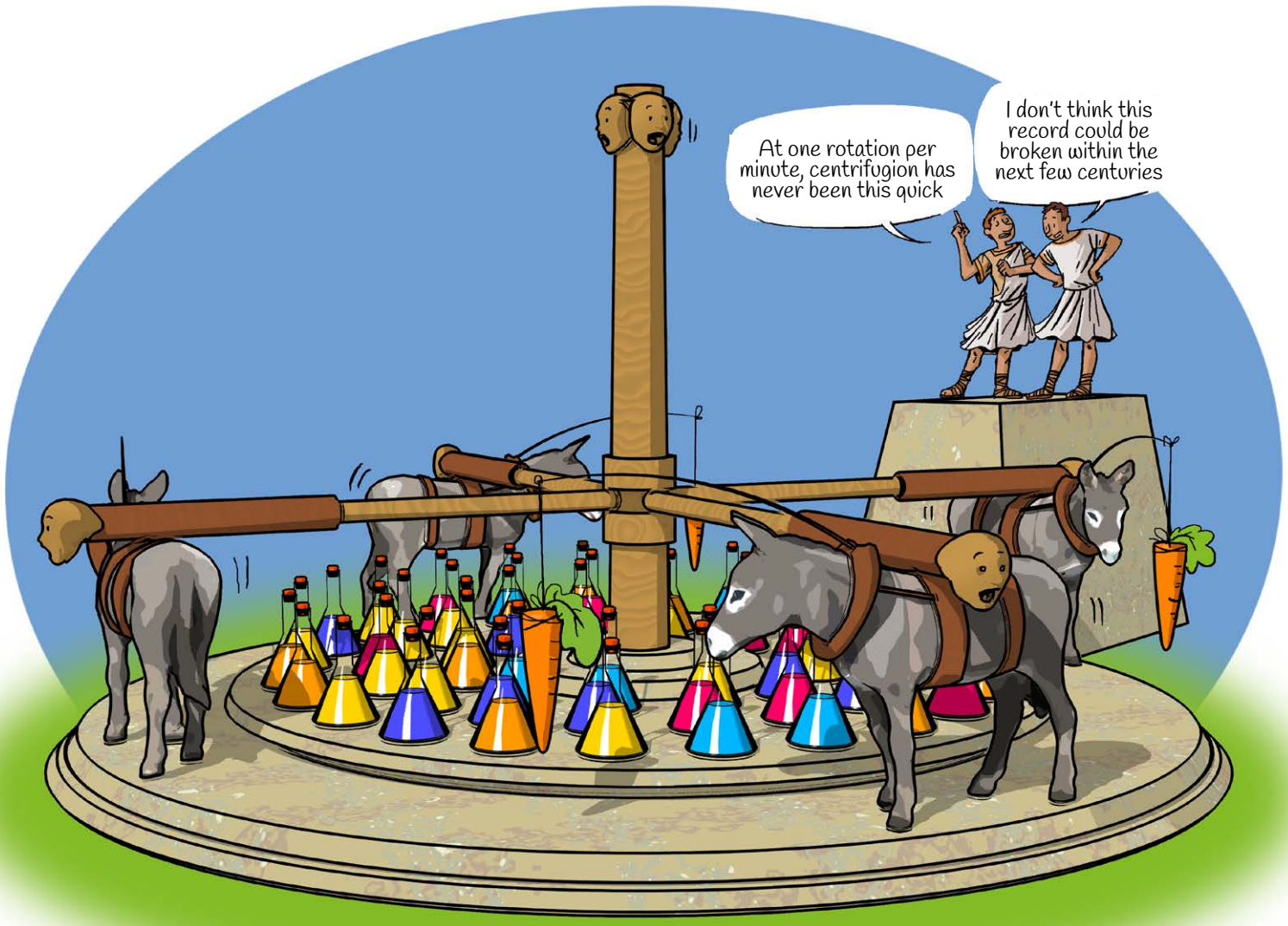
Exceptional speed and acceleration performance

The main advantages of Optima models :

+ Sound volume below 51 dBA
+ CFC and HFC-free refrigeration system for temperatures ranging from 0 °C to 40 °C
+ The Optima MAX-XP and XPN offer a wide array of rotors, ranging from swinging-bucket rotors to specialised rotors, including fixed-angle rotors and vertical rotors.
+ Total compatibility of previous generation rotors
+ Large touchscreen display 15-inch
+ 21 CFR Part 11: traceability and user identification capability

Tip

A quotation, advice, more information?
Please do not hesitate to contact us.



Prices are indicative and excluding tax. Visit Dutscher.com

LUNA II automatic cell counter



Solution for fast, efficient and reproducible cell counting. Cell counting by image analysis: the sample is stained with erythrosine B or trypan blue and then placed on a specific slide for visualisation and cell counting under white light.

- Ideal for cell lines
- Wet lens autofocus
- Counting cells between 3 and 60 µm in size (optimal between 8 and 30 µm)
- Determination of viability (% of living cells)
- Fine analysis of cell aggregates (% of single, double or triple cells)
- Histograms of size distributions
- Used with specific LUNA blades, either disposable or reusable, which need to be ordered (blades are specifically designed to fit the device's port)
- Reduced costs thanks to reusable blades
- Touchscreen for accessing various functions
- Insertion port for slide reading
- Optional integrated printer
- USB port for data recovery (PDF report)
- Supplied with a box of 50 slides (2 counts per slide)
- Trypan blue or Erythrosin B dye

Part no.	Designation	€
596500	LUNA II cell counter without printer	N/A -
596501	Cell counter LUNA II with printer	N/A -
596502	Counting slides for LUNA II, 50 slides (100 counts)	N/A -
596515	Counting slides for LUNA II, 500 slides (1000 counts)	N/A -
596507	Counting slides for LUNA II, 1000 slides (2000 counts)	N/A -
596523	Reusable slide 1 chamber LUNA	N/A -
596525	Pack of 10 reusable cover slips	N/A -
596514	Trypan blue, 0.4 %	N/A -
596504	Erythrosin B	N/A -
596512	Standard LUNA beads	N/A -
596503	Thermal paper for LUNA II printer	N/A -

Counting time	Less than 10 seconds
Concentration	5 x 104 - 104 x 107 cells/ml
Cell size	3 - 60 µm (optimal: 8 - 30 µm)
Image resolution	5 MP
Report format	PDF
Power supply	100 - 240 V 50/60 Hz



Reusable blade LUNA

LUNA III automatic cell counter



Machine Learning = enhanced algorithms for improved live/dead cell detection performance.
Solution for fast, efficient and reproducible cell counting.
Cell counting by image analysis: the sample is stained with erythrosine B or trypan blue and then placed on a specific slide for visualisation and cell counting under white light.

- Ideal for cell lines
- Wet lens autofocus
- Counting cells between 3 and 60 µm in size (optimal between 8 and 30 µm)
- Determination of viability (% of living cells)
- Fine analysis of cell aggregates (% of single, double or triple cells)
- Histograms of size distributions
- Used with specific LUNA blades, either disposable or reusable, which need to be ordered (blades are specifically designed to fit the device's port)
- Reduced costs thanks to reusable blades
- Touchscreen for accessing various functions
- Insertion port for slide reading
- Optional integrated printer
- USB port for data recovery (PDF report)
- Supplied with a box of 50 slides (2 counts per slide)
- Trypan blue or Erythrosin B dye

Accessories

Part no.	Designation	€
596502	Counting slides for LUNA II, 50 slides (100 counts)	N/A -
596515	Counting slides for LUNA II, 500 slides (1000 counts)	N/A -
596507	Counting slides for LUNA II, 1000 slides (2000 counts)	N/A -
596523	Reusable slide 1 chamber LUNA	N/A -
596525	Pack of 10 reusable cover slips	N/A -
596514	Trypan blue, 0.4 %	N/A -
596578B	Erythrosine B dye for 5000 tests	N/A -
596512	Standard LUNA beads	N/A -
596503	Thermal paper for LUNA II printer	N/A -

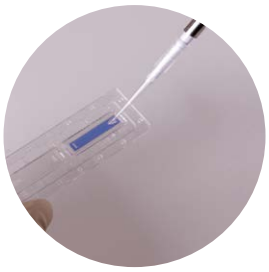
Counting time	10 seconds
Cell size	-
Concentration	5 x 10^4 ~ 1 x 10^7 cells/ml
Light technique	white light
Focus	Autofocus or manual
Counting time	10 seconds
Power supply	100 - 240 V 50/60 Hz
Part no. LUNA III counter supplied with 50 counting slides, trypan blue, 16 GB USB drive, LAN cable and power cable	596583
€	N/A -
Part no. LUNA III Ecofriendly counter supplied with 50 counting slides, trypan blue, 16 GB USB drive, LAN cable and power cable, reusable slide, Erythrosin B	596584
€	N/A -

LUNA FL automatic cell counter

Solution for fast, efficient and reproducible cell counting.
Cell counting by image analysis: the sample can be stained with erythrosine B, trypan blue, or labelled with acridine orange and propidium iodide for fluorescence, then placed on a specific slide for visualisation and cell counting under white light or fluorescence.
2-in-1 device for counting applicable to numerous cell types.

- Ideal for small cells, blood cells, erythrocytes, splenocytes, monocytes
- Counting of cells ranging from 3 to 60 µm
- Determination of the % of live and dead cells
- Fine analysis of cell aggregates (% of single, double or triple cells)
- Histograms of size distributions
- Used with specific LUNA blades, either disposable or reusable, which need to be ordered (blades are specifically designed to fit the device's port)
- Reduced costs thanks to reusable blades
- Touchscreen for accessing various functions
- Insertion port for slide reading
- Optional integrated printer
- USB port for data retrieval
- Supplied with a box of 50 slides (2 counts per slide)
- Trypan blue dye or erythrosine B and acridine orange fluorescent marker, propidium iodide calibration beads





Counting slide for Luna II and Luna FL (Part no. 596502, 596515, and 596507)

Counting time	Less than 10 seconds on a clear background and less than 30 seconds in fluorescence
Concentration	1 x 10^4 - 1 x 10^7 (optimal 5 x 10^4 - 1 x 10^7) cells/ml
Cell size	1 - 90 µm
Image resolution	5 MP
Report format	PDF
Power supply	100 - 240 V 50/60 Hz

Part no.	Designation	€
596506	Cell counter LUNA-FL	N/A -
596502	Counting slides for LUNA FL, 50 slides (100 counts)	N/A -
596515	Counting slides for LUNA FL, 500 slides (1000 counts)	N/A -
596507	Counting slides for LUNA FL, 1000 slides (2000 counts)	N/A -
596516	Printer for LUNA FL	N/A -
596508	Fluorescence counting slides for LUNA FL, 50 slides (100 counts) (applications with GFP and yeasts)	N/A -
596509	Fluorescence counting slides for LUNA FL, 500 slides (1000 counts) (applications with GFP and yeast)	N/A -
596510	Fluorescence counting slides for FL, 1000 slides (2000 counts) (applications with GFP and yeasts)	N/A -
596523	Reusable slide 1 chamber LUNA	N/A -
596525	Pack of 10 reusable cover slips	N/A -

Automated Cell Counter LUNA-FX7

New products page

For automatic cell counting and viability measurement.
It is used with blades of different formats ranging from 1 to 8 counting chambers for a rapid workflow.

- Counting of cells ranging from 1 to 90 µm, with optimal counting between 3 and 6 µm
- White light counting with or without dye: trypan blue or erythrosine B
- Fluorescence counting: use of propidium iodide or acridine orange
- Autofocus and manual focus
- Touchscreen control panel
- Used with specific counting slides: slides with 1 chamber, 3 chambers, or 8 counting chambers
- Internal storage capacity: 250GB
- Data retrieval format PDF, CSV, TIFF
- USB port, Wi-Fi and Ethernet
- Optional printer



Cell size	1 - 90 µm
Concentration	1 x 10^4 - 5 x 10^7 cells/ml (Optimal: 5 x 10^4 - 2 x 10^7 cells/ml)
Detection method	white light and fluorescence
"Green" fluorescence	Ex 470/40 nm, Em 530/50 nm
"Red" fluorescence	Ex 530/40 nm, Em 620/60 nm
Storage capacity	250GB
Weight (kg)	6.1

Part no.	Designation	€
596539	Automatic cell counter Luna-fx7 standard pack	N/A -
596540	Automatic cell counter Luna-fx7 bioprocess pack	N/A -

Accessories

Part no.	Designation	€
596551	Trypan blue 0.4% sterile filtered	N/A -
596552	Acridine orange / propidium iodide	N/A -
596553	Software and countwire basic server	N/A -
596554	Countwire additional licence for PC	N/A -
596555	Luna-fx7 protocol IQ/OQ	N/A -
596556	Luna-fx7 implementation of the IQ/OQ protocol on site	N/A -
596557	Thermal printer for Luna-fx7	N/A -
596558	Printer paper and ribbon for Luna-fx7	N/A -
596561	Calibration bead for Luna-fx7	N/A -

Counting and calibration blades

Part no.	Designation	€
596541	Counting slide 8 chambers for luna FX-7 luna X 50	N/A -
596542	Counting slide 8 chambers for luna FX-7 luna X 500	N/A -
596543	Counting slide 8 chambers gamma irradiated for luna fx-7 x 500	N/A -
596544	Counting slide 1 chamber for Luna FX-7 Luna X 50	N/A -
596545	Counting slide 1 chamber for Luna FX-7 Luna X 500	N/A -
596546	Counting slide 1 chamber gamma-irradiated with for Luna FX-7 x 500	N/A -
596547	Counting slide 3 chambers for Luna FX-7 x 50	N/A -
596548	Counting slide 3 chambers for Luna FX-7 x 500	N/A -
596549	Counting slide 3 chambers gamma irradiated for luna fx-7 x 500	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Benchtop digital automatic cell counter

CORNING



- Accurately and precisely measures the concentrations of cells, the viability of live and dead cells by staining with trypan blue
- Cell sizes: between 10 and 70 µm
- Concentrations ranging from 5.0 x 10^4 to 1.0 x 10^7 cells/ml
- Used with a standard counting chamber or hemocytometer to analyze samples
- Requires a computer for analysis and visualisation of images via connection to the CytoSMART™ cloud application
- Supplied with a counting chamber and cover slip, license key, and software for connection to the CYTOSMART™ cloud

Counting range	5 x 10^4 to 1 x 10^7 cells/ml
Cell size	10 to 70 µm
Minimum computer configuration	Windows® 10 computer with internet access 2.4 GHz i5 CPU 4 GB of RAM 128 GB of free disk space USB 3 connection / internet connection
Weight (kg)	1
Power supply	AC 100 to 240 V, 2 A, 10 W, 50/60 Hz
Image resolution	2048 x 1536 pixels
Camera	CMOS 5 MP
Dimensions of the unit L x W x H (mm)	122 x 122 x 125
Part no.	840426
€	N/A -

Concentrator under gas flow

Cole-Parmer



Applications:

- + sample preparations for analytical techniques, particularly in chromatography,
- + scintillation counter,
- + combinatorial chemistry,
- + hormonal assays,
- + toxicology screening.

- Rapid and practical method for enhancing concentration by evaporation of solution samples prior to analysis
- Lightweight and compact device for use under a hood
- Designed for use with the dry bath 001183B, featuring a wide selection of interchangeable racks
- Gas distributor plate mounted above a bath; consists of a silicone matrix allowing for the positioning of needles according to requirements
- The stage can be removed from the stand for easy access to samples and quickly reattached
- The graduated stand facilitates the height adjustment of the distribution plate and ensures reproducibility
- Stainless steel or Teflon-coated needles if corrosive solutions need to be evaporated
- A complete apparatus consists of an SC200 concentrator, a 3-block dry bath, blocks, and needles

Concentrator	
Maximum gas flow rate (l/min)	15
Maximum gas pressure (psi)	2
Flexible gas tube connector int Ø (mm)	6.35
Dimensions W x D x H (mm)	265 x 370 x 540
Weight (kg)	3.5
Bath	
Temperature range (°C)	Ambient +8 to 200 °C
Accuracy at 37 °C	± 0.1 °C
Dimensions W x D x H (mm)	280 x 310 x 115
Weight (kg)	3.2

Part no.	Designation	€
842466	SC-200 concentrator with gas reservoir and stand (for tubes)	N/A -
919131	SC-200 concentrator with gas reservoir and stand (for 96-well plates)	N/A -

Dry bath with 3 blocks

Part no.	Designation	€
001183B	Dry bath with 3 blocks	N/A -

Needles

Part no.	Material	Length (mm)	€ per 100
001572	Stainless steel	76	N/A -
001573	Stainless steel	127	N/A -
001574	PTFE-coated stainless steel	76	N/A -
001575	PTFE-coated stainless steel	127	N/A -

Matrix and block for 96-well plate

Part no.	Designation	€
491390	Matrix for 96-well plate	N/A -
001181	Block for 96-well plate	N/A -
091111	Set of spacers for centring 96-well block	N/A -

Blocks for dry bath (3 blocks per bath)

Part no.	For tubes	Capacity	Marks on the holes	€
001146	0.5 ml	30	At	N/A -
001144	1.5 ml	20	B	N/A -
001142	2 ml	20	B	N/A -
001186	13 mm	20	B	N/A -
001140	16 mm	12	C and D	N/A -
001141	19 mm	8	D, E and F	N/A -
001176	25 mm	6	D and E	N/A -
001177	28 mm	6	D and E	N/A -

Eppendorf Concentrator Plus

System for the gentle concentration of DNA, RNA, nucleotide, protein, and electrophoresis gel samples. Available in multiple versions with or without a rotor; the complete version includes a PTFE diaphragm pump and a condensate separator, which purifies the discharged air up to 85% and reduces odours.

- 15 rotors available for selection for tubes ranging from 0.2 ml to 50 ml, microplates, and PCR plates
- Compact (only 32 cm wide) for space-saving on the benchtop
- PTFE diaphragm pump resistant to chemicals, maintenance-free
- Option to stack rotors to increase capacity to 96 or 144 tubes
- Can be connected to standard cold traps to efficiently condense solvent vapours
- Chemically resistant coated lid

Operation

+ 3 operating modes to choose from: concentrator, centrifuge, and vacuum desiccator, for a wide range of applications
+ 4 heating levels to choose from (ambient, 30 °C, 45 °C, 60 °C) enabling the efficient and safe concentration of various samples
+ choice of 3 vacuum levels to suit the type of solvent to be evaporated and a fast process.
+ Braking control
+ Adjustable timer from 1 min to 9 hr 59 min, or continuous operation



Rotor

Part no.	Capacity	ø x h tubes (mm)	€
033194*	72 x 0.5 ml	8 x 31	N/A -
033193	70 x 1.5/2 ml	11 x 41/47	N/A -
033192*	48 x 1.5/2 ml	11 x 41/47	N/A -
033593	36 x 1.5 ml	12 x 32	N/A -
033594	36 x 5 ml	15 x 45/48	N/A -
999596	22 x 5 ml (conical bottom)	17 x 59.4/67.4	N/A -
035082	16 x 6.5/10 ml	20 x 42/55	N/A -
033595	18 x 10 ml	19 x 66	N/A -
033596	8 x 25 ml	24 x 86/105	N/A -
033195	24 x 5-7 ml	12 x 67/100	N/A -
035079	8 x 8-12 ml	16 x 105/120	N/A -
035081	8 x 10-18 ml	18 x 105/128	N/A -
033196	8 x 15 ml (Falcon type)	17 x 116/123	N/A -
035728	6 x 15/50 ml (Falcon type)	17 x 116/123 or 30 x 116/123	N/A -

* Rotors that can be stacked using the spacer.

Accessory

Part no.	Designation	€
033191	Spacer for stacking 2 angular rotors	N/A -

Complete system with diaphragm vacuum pump

Part no.	Designation	€
035003B	Concentrator Plus with angle rotor 48 x 1.5/2.0 ml	N/A -
035005B	Concentrator plus with connector for external devices (e.g. gel dryer), without rotor	N/A -
035004B	Concentrator Plus without rotor	N/A -

Base Concentrator Plus

Part no.	Designation	€
035002B	Concentrator Plus with angle rotor 48 x 1.5/2.0 ml	N/A -

Free rotor for A-2-VC plates

- For all types of plates, strips, and 0.2 ml PCR tubes
- Direct setup of microplates and PCR plates
- Allows low-speed centrifugation of plates
- Designed for the CombiSlide® adapter for blades
- In the case of PCR tubes and strips, a work tray is available; to be used with the necessary support frame also for the use of non-skirted plates

Part no.	Designation	€
033428	Free rotor A-2-VC	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Thermo Scientific Savant SpeedVac™ vacuum concentrators



Complete system.

Integrated system to be completed with a rotor only.

Concentrator to be completed with a rotor, a vacuum pump, a refrigerated chemical trap, a connection kit, a heat transfer fluid, and a glass condenser flask.

- For the vacuum concentration of samples contained in different solvents and solvent combinations
- Medium capacity concentrators with a variety of available rotors
- Independent dual timer for heating and timing
- LED digital display
- Aluminium tank with Teflon coating
- Timer range from 1 minute to 9 hours and 59 minutes, continuous
- USB port enabling data transfer and download
- For additional models or capabilities: please contact us

Model	SPD 120		SPD 130 DLX		SPD 140 DDA		SPD 1030	
Capacity	Average capacity							
Applications	Cold drying and lyophilisation		For combinatorial chemistry		For the use of aggressive solvents		DNA/RNA, proteomics, metabolite research, drug and forensic analyses, environmental sampling	
Features	Automatic vacuum and purge valve		Automatic vacuum sealing and dual purge valves with vacuum display		Automatic vacuum packaging with double purge valves, vacuum display, and splash-free vacuum ramp		Integrated system (chemical trap and vacuum pump included in the device) Vacuum manifold and pressure control enabling the elimination of sample splashes and the maintenance of integrity	
Programmes	3 programmable settings to be defined, 3 predefined programmes				4 programmable settings to be defined, 8 predefined programmes		3 programmable settings to be defined, 3 predefined programmes	
Solvents and solvent combinations	Ethanol, methanol, water and ACN (with 1% TFA), isopropanol, ammonium hydroxide		Acetone, chloroform, ethyl acetate, hexane, dichloromethane		Strong bases/acids, DMSO, dichloromethane, TFA...		Acetonitrile, Ethanol, Methanol, Dichloromethane	
Lid	Made of glass with safety lock		In radiant glass with safety lock, to reduce drying time and prevent condensation					
Temperature	Ambient temperature, 35 to 65°C in 5°C increments						45 to 80 °C with 5 °C increments	
Dim. L x D x H cm	33 x 46 x 36						64 x 66 x 41	
Ventilation space supplementary required	8 cm on all sides							
Weight (kg)	26						69	
Designation	SPD120-230 concentrator only		SPD130 DLX concentrator only		SPD140DDA concentrator only		SPD1030, SpeedVac system (refrigerated chemical trap + integrated vacuum pump) and GCF400 + FC400 rotor sold separately	
Part no.	228868	N/A -	228871	N/A -	228873	N/A -	228829	N/A -
Designation	SPD120-230, complete system with rotor RH40-11 and UVS450A-230 + TFK100 + SCC1 + GCF400 included		SPD130 DLX-230, complete system with rotor RH64-11 and RVT5105-230 + OFP400-230 + DVG50 - UNV + VTK80 + SCT120 + DC120A + SCC1 + GCF400		SPD140 DDA-230, complete system with RH40-11 rotor and RVT5105-230 + OFP400-230 + VTK80 + SCC1 + GCF400		SPD1030-230, complete system (vacuum pump and integrated refrigerated chemical trap) with RH40-12 rotor and SCC1 + GCF400	
Part no.	228869	N/A -	228872	N/A -	228874	N/A -	228828	N/A -
Designation	SPD120-230, complete system with RH40-11 rotor and UVS450A-230 + RVT5105-230 + VLP120-230 + DVG50-UNV + SCT120 + DC12 included				SPD140 DDA-230, complete system with rotor RH24-15 and UVS850DDA230 + RH24-15 + VTK80 + SCC1 + GCF400			
Part no.	228870	N/A -			228875	N/A -		



Compatible rotors

Part no.	Compatibility	Designation	€
228240	Microtubes 1.5 - 2 ml	RH40-11, capacity: 40 tubes	N/A -
228249		RH64-11, capacity: 64 tubes	N/A -
228231		RH120-11, capacity: 120 tubes	N/A -
228230	Microcentrifuge tubes 5 ml	RH10-15, capacity: 10 tubes (17 x 60 mm)	N/A -
228228	Glass and plastic tubes	RH100-6, capacity: 100 tubes of 0.4 ml (96 x 50 mm)	N/A -
228229		RH100-8, capacity: 100 tubes of 0.5 ml (12 x 75 mm)	N/A -
228241		RH40-12, capacity: 40 tubes of 1.5-230 ml (12 x 75 mm)	N/A -
228250		RH72-12, capacity: 72 tubes of 12 x 75 mm	N/A -
228239		RH32-13, capacity: 32 tubes of 13 x 100 mm	N/A -
228252		RH8-17.5, capacity: 8 tubes of 17.5 x 102 mm	N/A -
228253		RH8-18, capacity: 8 tubes of 18 x 100 mm, 17 x 95 mm, 16 x 100 mm	N/A -
228230		RH10-15, capacity: 10 conical tubes 15 ml (16 x 120 mm)	N/A -
228266		RH6-50, capacity: 6 conical tubes 50 ml (25 x 115 mm)	N/A -
228243	Flasks	RH4-100, capacity: 4 vials of 100 ml	N/A -
228246	Flasks	RH60-12-40, capacity: 60 vials (12 x 32, 12 x 40 mm)	N/A -
228236		RH24-15, capacity: 24 bottles	N/A -
228232		RH12-20, capacity: 12 bottles	N/A -
228237		RH24-18, capacity: 24 bottles	N/A -
228233		RH12-28, capacity: 12 bottles	N/A -
228269	Microplates	RHDW2MP, capacity: 2 microplates	N/A -
228271		RHSW6MP, capacity: 6 microplates	N/A -

Accessories

Part no.	Designation	€
228215	Glass condenser flask GCF400	N/A -
228216	Cap for GCF400 FC400 vial	N/A -
228219	Heat transfer fluid SCC1 for SpeedVac (1 L)	N/A -
228213	Refrigerated chemical trap for high boiling point solvent (DMSO/DMF) (-5°C) RVT405DDA-230 (includes GFC400 + FC400)	N/A -
228324	Refrigerated chemical trap for low boiling point solvent (chloroform, dichloromethane) (-105°C) RVT5105-230 (includes GFC400 + FC400)	N/A -
228731	Oil-sealed vacuum pump VLP 120	N/A -
228727	Diaphragm vacuum pump (oil-free) 230V 50Hz OFP400-230 (includes ANT100)	N/A -
228885	Universal vacuum system (refrigerated chemical trap and vacuum pump) UVS450A-230 with Vapornet	N/A -
228886	Universal vacuum system (refrigerated chemical trap and vacuum pump) UVS850DDA-230 with Vapornet (includes ANT100)	N/A -
228310	Universal UTP-TYG connection kit	N/A -
262853	TFK100 Connection Kit	N/A -
228304	Vacuum connection kit for DDA VTK80 Kit	N/A -
228317	Post-processing trap assembly ANT100 for the preparation of oligonucleotides, to be used with ANS121 and exclusively with the UVS850DDA system	N/A -
228318	Ammonia neutralising solution for oligonucleotide preparation, for use exclusively with the UVS850DDA system	N/A -
228313	Chemical trap (cartridge sold separately) SCT120	N/A -
228316	Chemical radioactivity trap kit (compatible with all SpeedVacs) DTK120R	N/A -
228314	Cartridge for SCT120 acid neutraliser and residual water vapour DC120A	N/A -
228315	DC120R cartridge for SCT120 volatile radioactivity trap	N/A -



228216 + 228515



228727

Vacuum concentrator Thermo Scientific Savant Speed Vac DNA 130

- Ideal for drying nucleic acids, PCR preparations and synthetic oligoelements
- Drying at room temperature or low temperature to protect the DNA/RNA
- 3 selectable programmes that can be modified and saved
- Optional: Chemical trap for radioactivity
- Automatic vacuum and purge valve
- Independent dual timer for heating and timing
- USB port enabling data transfer and download

Capacity	Small
Supplied with	Complete system with RD36 rotor for 36 microtubes of 1.5 - 2 ml and integrated pump
Display	LED (temperature, cycle duration and heating time)
Solvent guide	Ethanol, methanol, water and ACN, PCR buffer
Lid	Clear acrylic with safety lock
Tank	Teflon-coated aluminium
Tank seal	Silicone rubber
Pumps	Pump with 2 ETFE diaphragm heads / Oil-free
Temperature	Ambient temperature, 35 to 65°C in 5°C increments
Timer range (heating and cycle)	1 minute to 9 hours and 59 minutes, continuous
Threshold pressure level	‹ 10 Torr (13 mbar, 1.3 kPa)
Usual rotor centrifugation speed	1,300 rpm maximum
Engine	Maintenance-free induction
Dimensions L x W x H (cm)	29 x 64 x 31
Additional ventilation space required	8 cm on all sides
Weight (kg)	39
Part no.	228835
€	N/A -



Accessories

Part no.	Designation	€
228313	Chemical trap (cartridges to be ordered separately) SCT120	N/A -
228316	Chemical radioactivity trap kit (compatible with all SpeedVacs) DTK120R	N/A -
228314	Cartridge for SCT120 neutralising acid and residual water vapour DC120A	N/A -
228315	DC120R cartridge for SCT120 volatile radioactivity trap	N/A -
228317	ANT100 post-processing kit for oligonucleotide preparation, to be used with ANS121	N/A -
228318	Neutralising ammonia solution ANS121 for the preparation of oligonucleotides for ANT100	N/A -

Rotors for the DNA 130

Part no.	Designation	Compatibility	€
228223	Rotor RD24 for 24 microtubes ranging from 1.5 to 2.0 ml	For microcentrifuge tubes	N/A -
228226	Rotor RD48 for 48 microtubes of 0.5 ml		N/A -
228227	Rotor RD72 for 72 microtubes of 0.5 ml		N/A -
228224	Rotor RD2MP for two microplates	For microplates	N/A -

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THE VARIOUS TYPES OF WATER



There are different types of water based on their quality. The measurement of conductivity or resistivity (the inverse of conductivity) is a means of monitoring purification quality.

WATER CITY HALL

- Max. conductivity : 500 µS/cm
- Minimum resistivity : 0.002 MΩ·cm

TYPE 3 WATER

- Max. conductivity between 50 and 1 µS/cm
- Minimum resistivity : > 0.05MΩ.cm

Deionised water, osmosed, distilled

Manual rinsing of glassware or with a washer
Filling of heated baths
Supply of autoclaves and ultrapure water production systems

TYPE 2 WATER

- Max. conductivity between 1 and 0.055 µS/cm
- Minimum resistivity : > 1 MΩ.cm

Electrodeionised Water (EDI) analytical grade water

Rinsing of sensitive glassware
Preparation of buffer solutions, pH solutions, microbiological media, and reagents for chemical synthesis
Power supply for ultrapure water production equipment

TYPE 1 WATER

- Max. conductivity : 0.055 µS/cm
- Minimum resistivity : > 18 MΩ.cm

Ultrapure water

Used for advanced analytical techniques (HPLC, Atomic Absorption Spectrometry...)
Electrophoresis or Western Blotting solution
Preparation of buffer and culture medium for mammalian cells and in vitro fertilization
Production of molecular biology reagents (DNA sequencing, PCR...)



The quality of water depends on the level of contaminants. Type II water contains a very low level of inorganic and organic contaminants, whereas Type I water is free from them.

Water production systems reverse osmosis, pure and ultrapure Avidity Science

AVIDITY SCIENCE

more products Dutscher.com



MADE IN EUROPE

- Compact and quiet systems that are easily and intuitively controlled via a touchscreen
- Continuous display of water quality
- Storage tank with a smooth internal surface, easy to clean and drain
- Low operational cost, consumables easily replaceable with instructions and alerts on the screen
- Reliable systems: integrated boost pump and integrated leak detector
- All systems can be positioned on or under a bench or mounted on the wall using a kit that must be ordered separately

Eco-friendly technology

+ Low energy consumption and energy saving mode that activates automatically
+ Reverse osmosis technology enabling the minimisation of water losses (up to 50% recovery rate)
+ Anti-vibration technology to reduce noise and extend the lifespan of components
+ Durability and disinfection pack made from recyclable plastics

Systems	Feed water	Type of produced water	Production capacity	Distribution flow rate	Storage reservoir
Puro III	Municipal water	Type III	10,20,40,80 L/h	3 to 7 L/min	External 30, 60 or 100 litres or integrated 35 litres
Geno II		Type II	10, 20, 40 L/h	3 to 7 L/min	
Alto I	Type 2 or 3 water	Type I	-	0.1 to 2 L/min	External 30, 60, and 100 litres
Duo II.I	Municipal water	Type II & I	15-25 L/h	0.1 to 2 L/min	

Type 3 water production systems using tap water

Type 3 water: ideal for feeding autoclaves, glass washers, ultrapure water systems, steam generators, or hydroponics.

Puro III - Water purification systems reverse osmosis type 3

- For type 3 water requirements between 10 and 800 litres per day
- Interactive and intuitive interface, with a touch screen
- Low operating cost
- Simplicity of consumable replacement
- Adjustable flow rates
- Reliable system - Integrated leak detector
- Silent system - Integrated vibration damper
- Compatible with various tank sizes

The Puro III T 10 and T 20 models are supplied with an integrated 35-litre tank.
The Puro III models 20, 40, and 80 are to be completed with an external tank of 30, 60, or 100 litres.

Models	Puro III T 10	Puro III T 20	Puro III 20	Puro III 40	Puro III 80
Production capacity	10 L/h	20 L/h		40 L/h	80 L/h
Distribution flow rate	3 to 7 L/min				
Feed water	Connection to municipal water supply				
Dimensions of the production unit L x W x H (mm)	485 x 500 x 330		490 x 500 x 290		
Empty weight of the production unit (kg)	20		23	-	-
Quality of produced water					
Conductivity	‹ 40 µS/cm at 25 °C				
Ionic species	Typical rejection rate › 98%				
Reduction of COT*	96 %		-		

* For systems with UV lamp.

Part no. complete packs Puro III

Part no.	Designation	€
757028	Puro III T 10 Pack - Type 3 water purification system, integrated 35L reservoir, 10 L/h	N/A -
757029	Puro III T 10UV Pack - Type 3 water purification system, integrated 35L reservoir & UV, 10 L/h	N/A -
757030	Puro III T 20 Pack - Type 3 water purification system, integrated 35L reservoir, 20 L/h	N/A -
757031	Puro III T 20UV Pack - Type 3 water purification system, integrated 35L tank & UV, 20 L/h	N/A -
757000	Puro III 20 Pack - Type III water production system 20 L/h	N/A -
757001	Puro III 40 Pack - Type III water production system 40 L/h	N/A -
757002	Puro III 80 Pack - Type III water production system 80 L/h	N/A -



Type 2 water production systems using tap water

Type 2 water: ideal for buffer and media preparation, sample dilution, reagent preparation, spectrophotometry, electrophoresis, cytology, histology, and the washing and rinsing of glassware.

Geno II - pure water purification systems type 2

- For type 2 water requirements ranging from 10 to 400 litres per day
- Interactive and intuitive interface, with a touch screen
- Low operating cost
- Simplicity of consumable replacement
- Reliable system - Integrated leak detector
- Silent system - Integrated vibration damper
- Compatible with various tank sizes

The Geno II T 10UV and Puro III T 20UV models are supplied with a mercury-free UV lamp.
The Geno II 10 T and 20 T models are supplied with an integrated 35-litre reservoir.
The Geno II 20 and 40 models are to be supplemented with an external reservoir of 30, 60, or 100 litres.

Models	Geno T 10	Geno T 20	Geno II 20	Geno II 40
Production capacity	10 L/h	20 L/h	20 L/h	40 L/h
Distribution flow rate	3 to 7 L/min			
Feed water	Connection to municipal water supply			
Dimensions of the production unit L x W x H (mm)	500 x 485 x 330		490 x 500 x 290	
Empty weight of the production unit (kg)	20		23	
Quality of produced water				
Resistivity	1-15 MΩ.cm at 25 °C			
Rate of inorganic matter removal	98 %			
Typical reduction of COT rate *	96% *			
Part no. complete pack	757032	757034	757004	757005
€	N/A -	N/A -	N/A -	N/A -
Part no. complete kit with UV lamp	757033	757035	-	-
€	N/A -	N/A -	-	-

* Using a UV lamp in the tank (requires UV upgrade kit Part no. 757072).



Supplied with all necessary consumables
+ an event filter,
+ 1 activated carbon pre-treatment cartridge
+ 2 RO membranes or 4 RO membranes for Part no. 757002,
+ 1 Endure purification kit

Consumables and accessories for PURO III and GENO II

Part no.	Designation	€
757058	Storage tank - volume 30 L	N/A -
757059	Storage tank - volume 60 L	N/A -
757060	Storage tank - volume 100 L	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

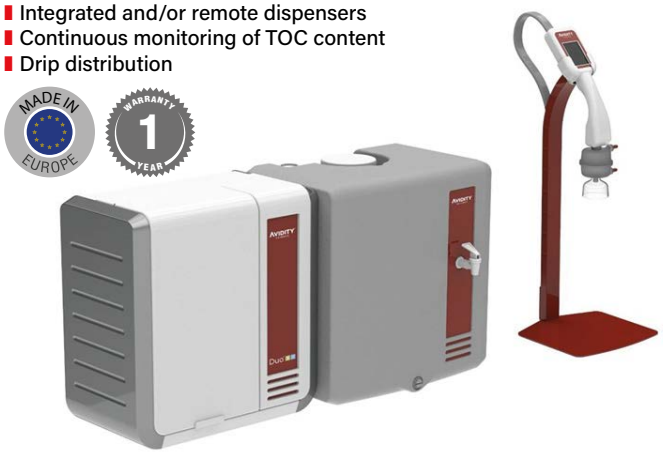
Water production systems type 1 and Type 2 from municipal water

Type 1 water: ideal for the production of water dedicated to applications in molecular biology, pharmacology, electrochemistry, critical cell and tissue cultures, and mass spectrometry.
Type 2 water: ideal for buffer and media preparation, sample dilution, reagent preparation, spectrophotometry, electrophoresis, cytology, histology, and the washing and rinsing of glassware.

Duo II.I - Water production systems pure and ultrapure (types 1 & 2)

Systems for the distribution of Type 1 and Type 2 water.

- Water quality in a single system Type 2 and Type 1
- Interactive and intuitive interface, with a touch screen
- Integrated and/or remote dispensers
- Continuous monitoring of TOC content
- Drip distribution



Model	Duo II.I
Production capacity	15-25 L/h
Type I distribution flow rate	0.1 to 2 L/min
Type II distribution flow rate	3 to 7 L/min
Feed water	Connection to municipal water supply
Dimensions of the production unit L x W x H (mm)	490 x 500 x 290 mm
Empty weight of the production unit (kg)	30
Type 1 water quality produced	
Resistivity	18.2 MΩ.cm at 25 °C
COT	≤ 5 ppb (µg)
Particles	No particles of a size > 0.22 µm
Bacteria	‹ 1 UFC / ml
Type 2 water quality produced	
Resistivity	15 MΩ·cm at 25 °C
Part no. Duo with integrated dispenser	757007
€	N/A -
Part no. Duo with remote dispenser	757008
€	N/A -

Supplied with all necessary consumables

+ 1 vent filter,
+ 1 activated carbon pre-treatment cartridge,
+ 1 Endure purification pack 1,
+ 1 pack of 2 Endure purification units,
+ 1 internal UV lamp,
+ 1 point-of-use filter,
+ 1 disinfection cartridge,
+ 1 RO membrane.

Consumables and accessories

Part no.	Designation	€
757058	Storage tank - volume 30 L	N/A -
757059	Storage tank - volume 60 L	N/A -
757060	Storage tank - volume 100 L	N/A -

Ultrapure water production systems Type 1 from pre-treated water

Type 1 water ideal for the production of water dedicated to applications in molecular biology, pharmacology, electrochemistry, critical cell and tissue culture, and mass spectrometry.

Alto I - Ultrapure water purification systems Type 1

- Production of ultrapure type 1 water from type 2 or 3 water, sourced from a supply line or a reservoir
- Interactive and intuitive interface, with a touch screen
- Low operating cost
- Simplicity of consumable replacement (Endure™ pack)
- Reliable system - Integrated leak detector
- Silent system - Integrated vibration damper
- Volumetric and drip distribution



* With final UF filter.

Model	Alto I
Production capacity	2 l/min
Distribution flow rate	0.1 to 2 L/min
Feed water	Connection for pretreated water (reverse osmosis, distilled, demineralised)
Dim. of the production unit L x W x H (mm)	490 x 500 x 290
Empty weight of the production unit (kg)	23 kg
Quality of produced water	
Resistivity	18.2 MΩ.cm at 25 °C
COT	≤ 5 ppb (µg)
Particles	No particles of a size > 0.22 µm
Bacteria	‹ 1 U.F.C./ml*
Endotoxins	0.001 EU/mL*
RNase	‹ 1 pg / mL*
DNase	‹ 5 pg / mL*
Protease	‹ 0.15 µg / mL*

Available options

+ Integrated distribution point or remote distribution via an articulated arm
+ Supply via a pump (recommended when the device is fed with water from a storage tank)
+ Final filter available in a classic version or UF (ultrafiltration: for the removal of RNase/ DNase, proteases and endotoxins)

Part no. of complete Alto I kits

Supplied with all necessary consumables: an Endure purification pack 2, an internal UV lamp, a disinfection cartridge, and a point-of-use final filter

Part no.	Designation	Dispenser	Pump	€
757017	Alto I - Type 1 Water Purification System	Integrated	No	NC -
757018	Alto I-R - Type 1 Water Purification System - remote dispenser	Remote dispenser	No	NC -
757020	Alto I-T - Type 1 Water Purification System - reservoir-fed	Integrated	Yes	NC -
757021	Alto I-T-R - Type 1 Water Purification System - remote dispenser - reservoir-fed	Offset arm	Yes	NC -

SOLO S water system with reusable cartridges

SOLO S module

- For requirements up to 10 litres of Ultrapure water from tap water
- Configurable flow rate up to drip distribution
- Water purification cartridges, adhesive-free and weld-free, reusable and recyclable
- 5-inch colour display with icon-based navigation
- Data acquisition in compliance with regulatory requirements
- Password protection for files of critical operation settings
- The system issues alerts when cartridges need to be replaced, ensuring easy access for maintenance
- Automatic switch to energy-saving mode after a period of inactivity, further reducing energy consumption

Recycling of plastic cartridges
for a 90% reduction in carbon emissions!



Water treatment system SOLO S

Delivered as configured with:

+ pretreatment cartridges,
+ deionization cartridges,
+ vent filter for the reservoir.

Model	Solo S UVLED	Solo S UVTOC
Distribution flow rate (l/min)	Up to 1.2	
Tank volume (litres)	4.2	
Dimensions L x W x H (mm)	377 x 526 x 585	
Weight (kg)	24	
Quality of produced water		
Resistivity (MΩ.cm at 25 °C)	18.2	
Conductivity (µS/cm at 25°C)	0.055	
COT (ppb)	< 2 with the COT model	
Bacteria (CFU/ml)	< 0.01	
RNase (pg/ml)	< 1	
DNase (pg/mL)	< 5	
Protease (µg/ml)	< 0.15	
Part no.	757127	757128
€	N/A -	N/A -
Part no. installation	757130	757129
€	N/A -	N/A -



Recyclable Solo S cartridges

- Water purification cartridges, adhesive-free and weld-free, reusable and recyclable

Part no.	Designation	€
757143	Purification Pack 1 recycle avultra01-r	N/A -
757144	Preprocessing Module 1 recycle s avprotect01-r	N/A -
757145	Reverse osmosis module recycle avro01-r	N/A -
757148	Recycled cartridge pack avpack01-r	N/A -
757149	Recycling disinfection pack Module AVPACK02-R	N/A -
757146	Recycling disinfection Module AVSAN01-R	N/A -
757147	Disinfection module with bypass recycle avsan02-r	N/A -

Cartridges Solo S

- Classic cartridges for Solo S

Part no.	Designation	€
757132	Module for pretreatment avprotect01	N/A -
757133	Reverse osmosis module avro01	N/A -
757131	Purification pack 1 avultra01 ultrapure	N/A -
757136	Endotoxin filter for dispenser avpou01	N/A -
757137	Bacterial filter for dispenser avpou02	N/A -
757139	Disinfection Module avsan01	N/A -
757140	Disinfection module with bypass AVSAN02	N/A -
757141	Cartridge pack avpack01	N/A -
757142	Pack avpack02	N/A -

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Milli-Q® systems for the production of osmosis water, pure and ultrapure

Systems	Feed water	Type of produced water	Flow rate	Storage tank	Catalogue page
Rios™ 3	Municipal water	Osmosed (type 3)	3 L/h	6, 30 or 50 L	1621
Rios™ 5			5 L/h		
Rios™ 8			8 L/h		
Rios™ Essential 5			5 L/h	30, 60 or 100 L	1622
Rios™ Essential 8			8 L/h		
Rios™ Essential 16			16 L/h		
Rios™ Essential 24			24 L/h		
Milli-Q® IX 7003		Pure (type 2)	3 L/h	25, 50 or 100 L	1622
Milli-Q® IX 7005			5 L/h		
Milli-Q® IX 7010			10 L/h		
Milli-Q® IX 7015			15 L/h		
Direct-Q® 3/ Direct-Q® 3 UV		Ultra pure (type 1) / osmosed (type 3)	3 L/h*	6, 30 or 50 L	1623
Direct-Q® 5 UV			5 L/h*		
Direct-Q®8 UV			8 L/h*		
Milli-Q® IQ 7003		Ultra pure (type 1) / Pure (type 2)	3 L/h*	25, 50 or 100 L	1623
Milli-Q® IQ 7005		Ultrapure (type 1)	5 L/h*		
Milli-Q® IQ 7010			10 L/h*		
Milli-Q® IQ 7015			15 L/h*		
Simplicity®/ Symplicity® UV	Pre-treated water, without connection	Ultrapure (type 1)	0.5 l/min	2 l	1624
Synergy®/ Synergy® UV	Pre-treated water		1 l/min	-	1624
Milli-Q® IQ 7000			2 l/min	-	1624
Milli-Q® EQ 7000			2 l/min	25, 50 or 100 L	1625

* Ultrapure water production rate (type 1)

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Reverse osmosis water systems Type 3 using municipal water

Reverse osmosis water purification system RiOs™ Essential 16 and 24





- Type 3 osmosis water production, ideal for rinsing glassware, hydroponics, water baths, and supplying humidifiers, autoclaves, glassware washers, and ultra-pure water systems.
- Intuitive control and display of water quality parameters on an LCD screen
- Models available with flow rates of 5, 8, 16, and 24 L/h
- Streamlined use and maintenance: automated self-servicing, alerts for consumable replacement, and easy, coordinated cartridge replacement
- The system is to be completed with the consumable, a tank of 30, 60, or 100 litres, the installation, and the eco-contribution

Tip
For a complete configuration: contact us!

Model	Rios™ Essential 16	Rios™ Essential 24
Daily requirement (L)	80 to 320	120 to 480
Production rate (l/h)	16	24
Feed water	Connection to municipal water supply	
Dimensions (L x Dx H) (mm)	268 x 470 x 339	
Weight / Operating weight (kg)	14.4 - 15.7	
Ionic species	Typical rejection rate › 95%	
Substances and particles	Typical rejection rate › 99%	
Part no. system only	236141	236142
€	N/A -	N/A -

Type 2 pure water systems producing from municipal water



Pure water purification system Milli-Q® IX 7003/05/10/15

- Production of Type 2 pure water from municipal water
- Models available with production rates of 3, 5, 10, or 15 L/h of pure water
- Eco-responsible design: mercury-free UV technology ech2o®, no hazardous waste, reduced cartridge, water, and energy consumption
- Streamlined use and maintenance: automated self-servicing, alerts for consumable replacement, and easy, coordinated cartridge replacement
- Ergonomic E-POD® distributor providing quick and convenient access to pure water throughout your laboratory
- Pure, constant, and reliable water quality, displayed in real-time on the POD's touchscreen
- Simplified data management: automatic electronic archiving and complete traceability for audits
- The system is to be completed with the consumable, the 25, 50, or 100-litre tank, the E-POD®, the installation, and the eco-contribution

Model	Milli-Q® IX 7003	Milli-Q® IX 7005	Milli-Q® IX 7010	Milli-Q® IX 7015
Production rate (l/h)	3	5	10	15
Feed water	Connection to municipal water supply			
Dimensions L x D x H (mm)	315 x 380 x 498		375 x 380 x 498	
Operating weight (kg)	23.4		27.1	27.4
Quality of produced water				
Resistivity	› 5 MΩ.cm at 25 °C			
COT	≤ 30 ppb			
Particles*	No particles of a size > 0.22 µm			
Bacteria*	≤ 10 CFU/ml			
Part no. system only	236101	236103	236104	236105
€	N/A -	N/A -	N/A -	N/A -

* Value dependent on the cartridges used.

more info Dutscher.com

Tip
For a complete configuration: contact us!

Laboratory water purification system pure and ultrapure Milli-Q® IQ 7003/05/10/15

- Production of Type 2 pure water and Type 1 ultrapure water directly from municipal water
- Models available with flow rates of 3, 5, 10 or 15 l/h and storage tanks of 25, 50 or 100 litres, connect to the ergonomic pure water dispensers E-POD® and ultra pure Q-POD®, equipped with an interactive touch screen
- The PODs are equipped with an intuitive touchscreen displaying the direct quality of the distributed water, with the capability to program volume
- Multiple distribution functions accessible directly via the gun wheel
- Can be connected to up to 4 PODS for quick and convenient access to pure and ultrapure water throughout your laboratory
- Simplified data management: generation of distribution reports, data consultation directly on-screen, or export to a USB drive
- The quality of ultrapure water can be enhanced using specific terminal filters (removal of bacteria, particles, pyrogens, nucleases, endocrine disruptors, or TOC)
- Eco-responsible design: mercury-free ech2o® UV technology, no hazardous waste, reduced consumption of cartridges, water, and energy
- The system is to be completed with the consumable, a 25, 50, or 100-litre tank, the Q-POD®, installation, and eco-contribution



Tip

For a complete configuration: contact us!

more info ? Dutscher.com

Model	Milli-Q® IQ 7003	Milli-Q® IQ 7005	Milli-Q® IQ 7010	Milli-Q® IQ 7015
Production rate (l/h)	3	5	10	15
Feed water	Connection to municipal water supply			
Dim. of the production unit L x W x H (mm)	315 x 380 x 498		375 x 380 x 498	
Operating weight of the production unit (kg)	26.2		29.7	30
Quality of ultra-pure water produced (E-POD®)				
Resistivity	18.2 MΩ.cm at 25 °C			
COT	≤ 5 ppb			
Particles	No particle of a size › 0.22 µm*			
Bacteria	0.01 CFU/ml*			
Quality of produced pure water (Q-POD®)				
Particles	5 MΩ·cm at 25 °C			
Bacteria	≤ 30 ppb			
Part no. system only	236113	236117	236118	236120
€	N/A -	N/A -	N/A -	N/A -

* Value dependent on the cartridges used

Prices are indicative and excluding tax. Visit Dutscher.com

Milli-Q® IQ 7000 ultrapure water purification system



Tip
For a complete configuration: contact us!

- Production of Type 1 ultrapure water from pre-treated water
- Simple and intuitive distribution enabled by the Q-POD equipped with an interactive touch screen
- Real-time display of distributed water quality and capability to schedule distribution volumes
- Multiple distribution functions accessible directly via the gun wheel
- Up to 4 serially connectable distribution points
- Traceability through distribution event report
- The system is to be completed with the consumable, the Q-POD, the installation, and the eco-contribution

Model	Milli-Q® IQ 7000
Flow rate	0.05 - 2 L/min
Feed water	Pre-treated water connection (osmosis, distilled, demineralised)
Dimensions L x D x H (mm)	265 x 350 x 498
Operating weight (kg)	12.46
Quality of produced water	
Resistivity	18.2 MΩ.cm at 25 °C
COT	≤ 2 ppb (µg
Particles (size › 0.22 µm)	No particle of a size > 0.22 µm*
Bacteria	0.01 CFU/ml*
Part no. system only	044409
€	N/A -

* Value dependent on the cartridges used

Ultrapure water systems Type 1 from pre-treated water (continued)

Milli-Q® EQ 7000 ultrapure water purification system

- Type 1 ultrapure water production from pre-treated water sourced from a pressurised loop or a storage tank
- Suitable for daily pure water needs up to 300 litres per day
- Touchscreen, user-friendly, and allows for continuous water quality monitoring
- Ergonomic Q-POD dispenser enabling the distribution of 3 flow rates or performing volumetric dispensing
- The Q-POD and the touchscreen are integrated into the unit (Part no. 412597) or can be installed up to 3 metres away (Part no. 412598).
- The quality of ultrapure water can be enhanced using specific terminal filters (removal of bacteria, particles, pyrogens, nucleases, endocrine disruptors, or TOC)
- Streamlined data management: generation of distribution reports, data consultation directly on-screen, or export to USB drive
- Eco-conscious design: conservation of water and energy, reduction of plastic use, and minimised footprint
- The system is to be completed with the consumable, a tank of 25, 50, or 100 litres, the installation, and the eco-contribution

Model	Milli-Q® EQ 7000	
Flow rate	Up to 2 L/min	
Feed water	Pre-treated water (storage tank or pressurised loop)	
Dimensions L x D x H (mm)	265 x 350 x 585	
Operating weight (kg)	18	
Quality of produced water		
Resistivity	18.2 MΩ.cm at 25 °C	
COT	‹ 5 ppb	
Particles	No particle of a size › 0.22 µm*	
DNases	‹ 5 pg/ml*	
Micro-organisms	‹ 0,01 UFC/ml*	
Pyrogens	‹ 0,001 UE/ml*	
Micro-organisms	‹ 2 pg/ml*	
	With integrated Q-POD dispenser and touch screen	With remote Q-POD dispenser and touchscreen
Part no.	412597	412598
€	N/A -	N/A -

* Value dependent on the cartridges used



more info Dutscher.com

Tip

For a complete configuration: contact us!

End cartridges for water systems Merck Millipore

Final filters adaptable to the point of use of your Merck Millipore ultrapure water production device.

- VOC-Pak: removal of VOCs (volatile organic compounds) in ultrapure water.
- EDS-PaK: removal of endocrine disruptors in ultrapure water.
- BioPaK: removal of endotoxins (pyrogen-free water) and nucleases (RNase and DNase free water)
- LC-Pak: removal of organic traces to meet the requirements of applications such as UPLC, LC-MS, or LC-MS/MS.
- Millipak: removal of bacteria (Ω 0.1 CFU/ml) and particles larger than 0.22 µm.



All point-of-use filters can be employed as a final purification step with Milli-Q Advantage, Milli-Q Integral, Direct-Q, or Synergy systems.

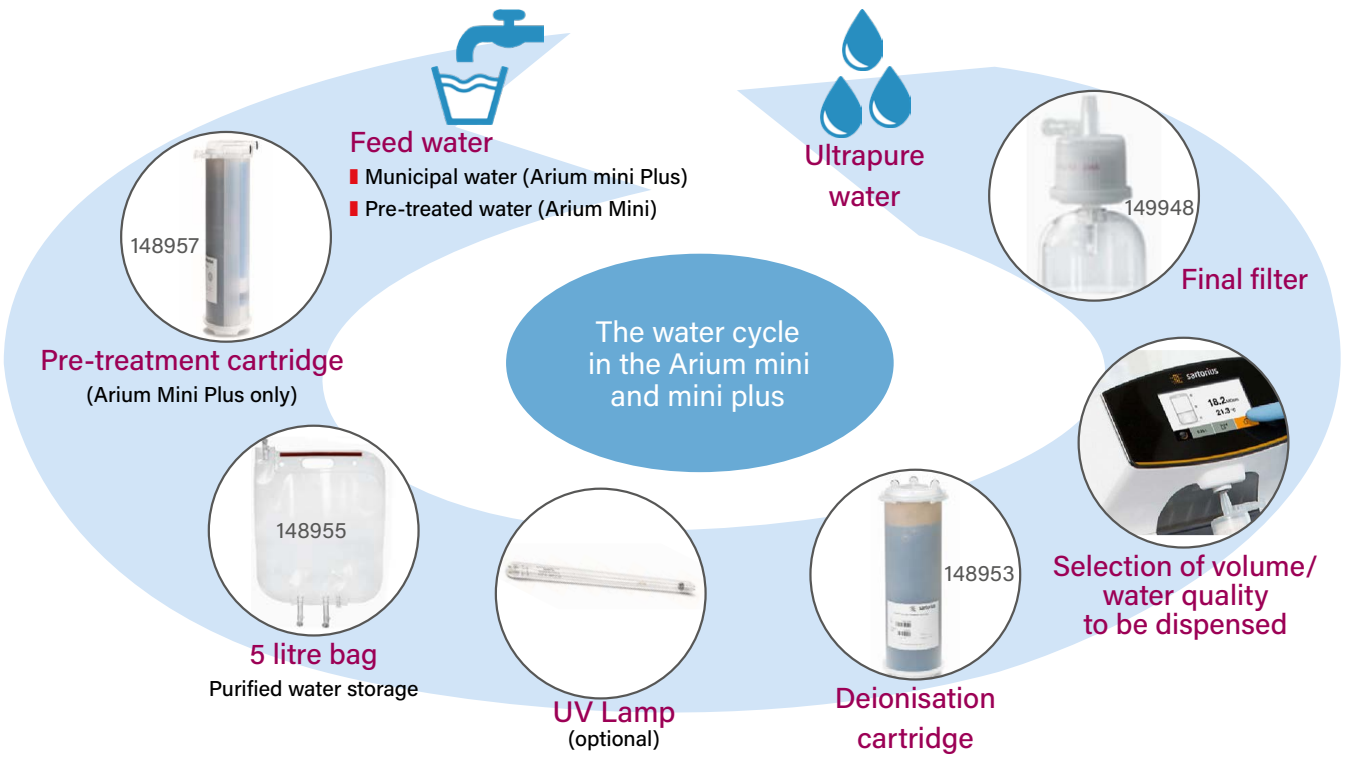
Part no.	Designation	€
051865	Final cartridge EDS-PaK	N/A -
051866	Installation kit EDS-PaK	N/A -
051867	Final cartridge LC-PaK	N/A -
051868	Final cartridge VOC-PaK	N/A -
051662	Final cartridge Millipak	N/A -
051663	Final cartridge BioPaK	N/A -



New products page

Prices are indicative and excluding tax. Visit Dutscher.com

The water cycle in Arium mini and mini plus



Water purifiers ARIUM MINI - SARTORIUS

- For the production of ultrapure water, type 1
- Recommended for daily requirements less than 15 litres per day (for higher requirements, please contact us)
- Purification by adsorption using activated carbon, catalyst, reverse osmosis, ion exchange, and membrane filtration
- Compact and easy-to-use system
- Touchscreen displaying water quality, water temperature, and pouch volume
- French interface, intuitive with consumable change assistance
- Possibility of manual dispensing or programmable precise volumes
- Required water supply, varies depending on the model
- The Arium Mini Essential system needs to be completed with a deionization cartridge and a final filter
- The Arium Mini system needs to be completed with a deionisation cartridge, a bag, and a final filter
- The Arium Mini Plus system is to be completed with a deionisation cartridge, a bag, and a pre-treatment cartridge
- Optional: UV lamp (185/254 nm) for reducing TOC levels

Bagtank technology:

- Storage of water in a 5-litre reservoir following passage through a pre-treatment cartridge
- Easily replaceable pouch to prevent biofilm formation
- Pressure compensation in the pouch to prevent air ingress and avoid any contamination
- No need for cleaning the pouch

Arium Mini Extend:

- The Arium Mini version with a flexible and ergonomic portable dispenser, a user-friendly digital display, and the acclaimed Arium® Bagtank technology in a space-saving design.
- Ergonomic dispensing pipette, easy to clean and compatible with ethanol wipes
- Possibility of selecting repetitive volumes, or distribution possible in manual mode

Tip

For requirements exceeding 15 litres per day, Sartorius offers the Arium Pro range. : Contact us

For any technical inquiries, please contact via email:
demandes_techniques@dutscher.com

Water purifiers ARIUM MINI - SARTORIUS (continued)



Model	ARIUM MINI PLUS	ARIUM MINI	ARIUM MINI ESSENTIAL
BagTank technology	Yes	Yes	No, an economic system without loopholes
Feed water *	Connection to a potable water pipeline	Pre-treated water from a storage tank or bottle: No need for water inlet/outlet	Connection of demineralised water pipe (RO or EDI)
Type of water produced	Ultrapure water ASTM Type I and purified water Type III	Ultrapure water Type I ASTM	Ultrapure water Type I ASTM
Ultrapure water withdrawal flow rate Type 1	1.01 l/min		
Filtration based on criterion	Between 0.05 and 5 L, in increments of 50 mL		
Volume accuracy	± 3% between 0.25 and 5 L	± 2% between 0.25 and 5 L	
Conductivity	0.055 µS/cm compensated at 25 °C		
Resistivity	18.2 MΩ x cm compensated at 25 °C		
TOC rate with UV lamp	≤ to 5 ppb		
Microorganism count	‹ 1 CFU/1 000 ml		
Concentration of particles less than 0.2 µm	‹ 1/ml		
Dimensions (mm)	280 x 509.4 x 530.7		
Unladen / operational weight (kg)	13 / 23		
Power supply	50 and 60 Hz / 100-240 VAC / 2 A		
Operating temperature	2 °C - 35 °C (max. relative humidity 80%)		
Storage temperature	5 °C - 45 °C (max. relative humidity 80%)		
Part no.	148952	978831	150094
€	N/A -	N/A -	N/A -
Part no. with UV lamp	148964	978832	149975
€	N/A -	N/A -	N/A -
Part no. Extend	979101	-	979103
€	N/A -	-	N/A -
Part no. Extend with UV lamp	979102	-	979104
€	N/A -	-	N/A -

* For the specifications of the feed water, refer to our technical data sheets.

Accessories

Part no.	Designation	Units/ box	€/ box
148957	Pretreatment cartridge for Arium Mini Plus	1	N/A -
148955	Water storage bags 5 L for Arium Mini and Arium Mini Plus	1	N/A -
148953	Deionisation cartridge for Arium Mini, Mini Plus, Mini Essential	1	N/A -
149948	Final filter Arium SterilePlus with 0.2 µm PES membrane for Arium Mini, Mini Plus, and Mini Essential	5	N/A -
149972	Final ultrafilter Arium CellPlus to effectively remove RNase/DNase and endotoxins for Arium Mini and Mini Plus	1	N/A -

The Mini Ariums are also available in a pack with all necessary consumables included:

Part no.	Pack	Consumables included	€
978869	Arium Mini & consumables	Pre-treatment cartridge, pouch, ultrapure water cartridge, and final filter	N/A -
978870	Arium Mini UV & consumables	Pre-treatment cartridge, bag, pre-installed UV lamp, ultrapure water cartridge, and final filter	N/A -
978867	Arium Mini PLUS & consumables	Pocket, ultrapure water cartridge, final filter	N/A -
978868	Arium Mini PLUS UV & consumables	Pocket, pre-installed UV lamp, ultrapure water cartridge, final filter	N/A -
978871	Arium Mini ESSENTIAL & consumables	Ultrapure water cartridge and final filter	N/A -
978872	Arium Mini ESSENTIAL UV & consumables	Pre-installed UV lamp and final filter	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Distributor Arium® Smart Station



- Remote water distribution
- Bench or wall mounted
- Pure water or Ultrapure version
- Distribution from 50 ml to 50 litres with an accuracy of ± 5%
- Touch screen
- Suitable for left or right handed people
- Compatible with water treatment plants: Arium Pro, Comfort and Bagtank



Water Type	Pure	Ultra-pure	Pure	Ultra-pure
Model	Workbench		Wall mounting	
Controller dimensions w x d x h (mm)	213 x 213 x 598		172 x 157 x 343	
Distribution arm dimensions (mm)	428 x 476 x 835		242 x 90 x 300	
Length of tubing for connection to the water reservoir (metres)	2			
Distribution arm length (metres)	0.7			
Weight (kg)	4.9		2.4	
Part no.	845274	845279	845275	845273
€	N/A -	N/A -	N/A -	N/A -





Accessories

Arium® Cell Plus

- Final filter for RNase/DNase and endotoxin removal
- Sterile ready-to-use capsule
- Quick connector
- Flow rate: up to 2 litres per minute

Filtration area	0.5 m²
Endotoxins	< 0.001 EU/ml
Bacteria	< 0.01 CFU/ml
RNase	< 1 pg/ml
DNase	< 5 pg/ml
Dimensions h x Ø (mm)	169 × 50
Part no.	149972
€	N/A -

Water reservoir connection extension kit

- Increase the distance to the water reservoir from 2 to 4 metres

Model	Pure water kit	Ultrapure water kit
Cable	Ethernet CAT6A	
Tubing	Polyethylene (PVDF | PE)	
Part no.	845276	978909
€	N/A -	N/A -

SARTORIUS

Arium® water purifiers

- Compact design
- Modular systems
- Intuitive menu, direct access to recurring volumes
- Bench top or wall mount



Arium® Pro

- Ultrapure water production (Type 1)
- Complete range with many options for all applications

Model	Arium® Pro	Arium®Pro DI	Arium®Pro UV	Arium®Pro UF	Arium®Pro VF
Flow rate (l/min)	0.1-2 L/min adjustable			0.1-1.7 L/min adjustable	
Accuracy	3% between 0.25 L and 60 L				
Conductivity	0.055 µS/cm compensated to 25 °C				
Resistivity	18.2 MΩ x cm compensated to 25 °C				
COT**	< 5 ppb		≤ 2 ppb	< 5 ppb	≤ 2 ppb
Bacteria*	< 0.01 UFC/ml				
Particles*	No particles > 0.22 µm				
Endotoxins	-	-	-	< 0.001 EU/ml	
RNase	-	-	-	< 0.004 ng/ml	
DNase	-	-	-	< 0.024 pg/µl	
Part no. bench model	147931	845268	-	845270	148966
€	N/A -	N/A -	-	N/A -	N/A -
Part no. wall mounted	147930	978911	698812	845271	148967
€	N/A -	N/A -	N/A -	N/A -	N/A -

*: with the final Arium sterile Plus filter, **: feed water < 50 ppb and Cellplus ultrafilter capsule

Arium® Comfort I

- Type 1 or 3 water production with the same system
- Supply with tap water
- Compatible with Bagtanks
- iJust technology: control software for optimising water consumption and calculating optimal cleaning cycles for the system
- With ion exchange cartridge
- UV lamp (185/254 nm) to prevent microbiological growth and reduce TOC <2ppb
- Model with TOC monitor: for continuous monitoring

Arium® model	Comfort I	Comfort I with UV lamp	Comfort I with UV lamp and COT monitor	Comfort I	Comfort I with UV lamp	Comfort I with UV lamp and COT monitor
Flow rate (l/min) Type I water	2			2		
Flow rate (L/h) Type III water	8			16		
UV lamp	-	Included			Included	
Monitor COT	-	-	Included	-	-	Included
Type I water resistivity	18.2 MΩ·cm					
Type III water resistivity	< 0.05 MΩ·cm					
Type I water conductivity	0.055 µS/cm					
Type III water conductivity	< 20 µS/cm					
COT for Type I water**	< 5 ppb	< 2 ppb		< 5 ppb	< 2 ppb	
Bacteria*	< 0.001 UFC/ml					
Particles*	no particles > 0.22 µm					
Endotoxins	< 0.001 EU/ml					
RNase	< 1 pg/ml					
DNase	< 5 pg/ml					
Part no. bench model	845006	978874	845258	845253	845256	845260
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. wall model	845252	845255	845259	845254	845257	845261
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

*: with the final Arium sterile Plus filter, **: feed water < 50 ppb and Cellplus ultrafilter capsule

Arium® Lab Water Bagtanks (for Arium Comfort)

- For water storage Pure
- No cleaning of the tank: quick bag change
- 20, 50 or 100 litre bags (2 x 50 litres)
- Flexible pouch under vacuum pressure
- Constant quality of stored water without alteration (no biofilm formation)
- With pump flow rate up to 3 l/min

Model	20 litres	50 litres	100 litres
Part no. without pump	149995	845272	978835
€	N/A -	N/A -	N/A -
Part no. with pump	-	148926	149979
€	-	N/A -	N/A -
Accessory			
Part no. pocket	149997	148927	
€	N/A -	N/A -	



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Microwave ovens 700 and 900 Watts









Model	MW 7885	MW 7886	MW 7781	MW 7770
Volume (l)	17			20
Power (W)	700		900	700
Power Levels	6		9	5
Grill	No		Yes	No
Colour	White	Black	Black	White
Programming and timer	Mechanical			
Plate ø (cm)	24.5		24.5	25.4
L x D x H ext. (mm)	24 x 44.5 x 36		24 x 44 x 32	26 x 44 x 34.5
Weight (kg)	9.94		9.4	10.4
Part no.	067273	067274	067272	067271
€	N/A -	N/A -	N/A -	N/A -

9-litre mini oven

NEW

Compact and energy-efficient.

- 4-position switch
- 60-minute timer with end-of-cooking acoustic signal
- Arch resistance and ground resistance programmable separately or together
- Very compact



Volume (litres)	9
Power (watts)	800
Dimensions W x D x H (mm)	20.6 x 35.8 x 31
Weight (kg)	3.5
Part no.	067268
€	N/A -

IZIDEFROST+ frost extractor for freezers

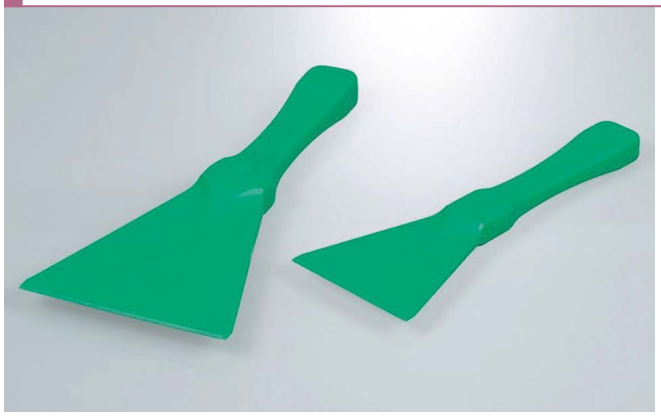


Essential hoover for defrosting freezers QUICKLY, CLEANLY and EASILY.

- Very easy and practical to use, it encourages regular defrosting and eliminates the need to turn off the freezer
- Regular defrosting reduces electricity consumption costs and extends equipment life
- Equipped with a stainless steel scraper
- Equipped with a Hepa filter at the air outlet: prevents contamination if a sample is aspirated
- Stainless steel tank 22 L
- Can be used on -20°C/-30°C, -80°C and -150°C freezers

Voltage (V) 220 - 240	220 - 240
Power (W)	1200
Mains frequency (Hz) 50-60	50 - 60
Air flow rate (l/s)	62
Noise level (dba)	61
Weight (kg)	10
Part no.	111115
€	**N/A -**

Freezer scrapers



- Ideal for removing frost accumulation in a freezer
- Made of polypropylene
- Robust

Part no.	Designation	€
795630	Scraper 250 x 110 mm	**N/A -**

Compact benchtop -80 °C mini freezers

Very compact -80 °C freezers can be positioned under the bench, giving quick and easy access to samples.

- Different capacities: 7 l, 50 l and 88 l
- Touch screen
- Visual and audible alarms for: power failure, temperature fault, open door etc.
- Dry contact for alarm reporting
- Vacuum insulated panels for optimal insulation and reduced energy costs
- Natural refrigerant
- Pressure relief valve for immediate reopening of the door
- Heated door seal to reduce ice formation



Model	COMPACT P10	COMPACT P50	COMPACT P90
Volume (litre)	7	50	88
Total capacity of 2 ml tanks	5	30	60
Part no.	960044	960045	960046
€	N/A -	N/A -	N/A -

Ultra-low temperature mini freezers - 80 °C

- Robust and easy to use
- Space-saving
- Low energy consumption
- Stainless steel interior and galvanised steel exterior
- Digital display
- Sub-doot included, except for 35L model
- Lockable door
- Racks for freezer boxes are to be ordered separately

2 YEARS WARRANTY

Model	7 L	54 L	71 L	94 L
Format	Vertical	Vertical	Chest	Vertical
Temperatures	- 40 to - 90 °C	- 40 / - 80 °C	- 40 / - 80 °C	- 40 / - 80 °C
Volume (litre)	7	54	71	94
Int. dim. W x D x H (mm):	150 x 143 x 310	360 x 468 x 320	390 x 390 x 450	360 x 493 x 600
Ext. dim. W x D x H (mm):	400 x 630 x 665	600 x 700 x 810	552 x 648 x 850	950 x 725 x 810
Power supply	230V 50/60 Hz	230V 50/60 Hz	230V 50/60 Hz	230V 50/60 Hz
Weight (kg)	55	74	53	105
Part no.	960000	960002	960034	960003
€	N/A -	N/A -	N/A -	N/A -



Drawer racks for 130 x 130 x 50 mm boxes

Part no.	Number of boxes/ rack	Freezer model	Racks/ freezer	€
130305	15 (3 x 5)	54 L	2	N/A -
130301	12 (3 x 4)	94 L	4	N/A -

Side access racks for 130 x 130 x 50 mm boxes

Part no.	Number of boxes/ rack	Freezer model	Racks/ freezer	€
130193	10 (2 x 5)	35 L	2	N/A -
130198	15 (3 x 5)	54 L	2	N/A -
130197	12 (3 x 4)	94 L	4	N/A -
130116	8	71 L	5	N/A -

Vertical rack for boxes of 130 x 130 x 50 mm

Part no.	Number of boxes/ rack	Freezer model	Racks/ freezer	€
130116	8	71 L	5	N/A -

Options

Part no.	Designation	€
960004	CO2 backup option - factory mounting included with order	N/A -
960005	Temperature recorder - 100 °C to 0 °C	N/A -
960006	Paper for temperature recorder	N/A -

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Freezers -86 °C dual independent circuits Twinguard PHCBI



099336B

Freezers providing enhanced security for high-value sample storage.

A unique system with two independent compressors: if one compressor fails, the second takes over and ensures that the temperature is maintained at -70 °C indefinitely.

A comprehensive storage solution for quality and a security of preservation.



099968

- Class IIa medical CE
- Upright freezers with 3 different capacities: 360, 519, and 729 litres for storage ranging from 240 to 576 boxes of 2 ml
- Chest freezers: 2 capacities: 570 to 715 litres for storage ranging from 416 to 520 boxes of 2 ml
- Dual refrigeration system with two independent compressors
- Compliant with F-GAS standard
- High-performance insulation using latest-generation VIP panels
- Super-insulated sub-doors, which act as thermal barriers and allow easy defrosting
- Exceptional homogeneity and stability
- Very short return time to the setpoint
- Very slow warming in the event of a power outage
- Very quiet
- USB port for temperature data and alarm retrieval
- Dry contact and probe feed-throughs as standard
- Compressors with 36-month warranty

Reliability and durability

Model	MDF-DU302VX-PE	MDF-DU502VX-PE	MDF-DU702VX-PE	MDF-DC500VX-PE	MDF-DC700VX-PE
Ext. dimension l x w x h (ml)	670 x 882 x 1840	790 x 882 x 1993	1030 x 882 x 1993	2,010 x 845 x 1,070	2,300 x 845 x 1,070
Volume (l)	360	528	729	575	715
Number of boxes*	240	384	576	416	520
Temperature	-50 °C to -90 °C				
Screen	Large colour LCD touchscreen, glove-compatible control with USB port				
Insulation	80 mm VIP Plus			PUF/VIP PLUS 70/135	
Internal doors	2	2	2	1	1
Compartments	4	4	4	1	1
Noise level (dB)	52	52	52	50	50
Weight (kg)	225	276	320	328	358
Power supply	230 V, 50 Hz				
Part no.	129728	099336B	099360B	099968	099970
€	N/A -	N/A -	N/A -	N/A -	N/A -

*For a 2 ml cryobox, 130 x 130 x 50 mm

New products page

Upright freezers -86 °C VIP ECO PHCBI

Ultra-low temperature freezers with natural refrigerant.
They minimise energy consumption, reduce the environmental impact, and limit financial expenditures.

Energy performance

- High-performance insulation using latest-generation VIP panels
- Natural refrigerant: environmentally friendly and energy-efficient
- Very low consumption: 6.7 kW/day for the 530 litres

Cost/Environment

- Compliant F GAS
- Green gas is recyclable and guaranteed to be available for life



099396C 099103E

Very low consumption

Quality

- Class IIa medical CE
- 2 different capabilities: 519 and 729 litres for storage ranging from 384 to 576 boxes of 2 ml
- Exceptional homogeneity and stability
- Very short return time to the setpoint
- Very slow warming in the event of a power outage
- Super-insulated sub-doors, which act as thermal barriers and allow easy defrosting
- USB port for temperature data and alarm retrieval
- Dry contact and probe feed-throughs as standard
- Very low noise levels
- Compressors with 36-month warranty

Model	MDF-DU502VH-PE	MDF-DU702VH-PE
Ext. dimension l x w x h (ml)	790 x 882 x 1993	1030 x 882 x 1993
Volume (l)	528	729
Number of boxes*	384	576
Temperature	-40 °C to -90 °C	
Screen	Large colour LCD touchscreen, glove-friendly control with USB port	
Refrigerator	R-290 / R-170	
Insulation	80 mm VIP Plus	
Consumption (kWh/day)	6.7	7.7
Internal doors	2	
Compartments	4	
Noise level (dB)	52	
Weight (kg)	276	320
Power supply	230 V, 50 Hz	
Part no.	099396C	099103E
€	N/A -	N/A -

*For a 2 ml cryobox, 130 x 130 x 50 mm

Freezer - 86 °C PRO ECO PHCBI

Ultra-low temperature freezer with natural refrigerant.
They minimise energy consumption, reduce
the environmental impact, and limit the operational costs.

Quality

- Certified medical device
- Exceptional temperature consistency/stability
- Dry contact and probe feed-throughs as standard
- Very quiet
- High-performance insulation using latest-generation VIP panels
- Super-insulated sub-doors, which act as thermal barriers and allow easy defrosting
- Compressors with 36-month warranty

Cost/Environment

- Compliant F GAS
- Green gas is recyclable and guaranteed to be available for life
- Very low consumption

Model	MDF-DU300H-PE
Ext. dim.: l x d x h (ml)	750 x 870 x 1830
Volume (l)	333
Number of boxes*	216
Temperature	-50 °C to -86 °C
Screen	LED
Refrigerator	Natural
Insulation	PUF
Consu. (kWh/day)	5.7
Internal doors	2
Compartments	4
Noise level (dB)	52
Weight (kg)	241
Power supply	230 V, 50 Hz
Part no.	099416B
€	N/A -

*For a 2 ml cryobox, 130 x 130 x 50 mm



Chest freezers -80 °C VIP ECO 84 L / 180 L

A unique and space-saving capacity of 84 L, allowing storage of 42 boxes of 2 ml, and 180 L for storage of 105 boxes of 2 ml.

- Cascade refrigeration with a single compressor
- The unique cooling circuit: filter-free and without filter cleaning procedures
- VIP: Thinned walls thanks to vacuum insulation panels: space-efficient freezers
- Comprehensive functions for setpoints, alarms, monitoring, and diagnostics
- Compressors with 36-month warranty

Model	MDF-DC102VH-PE	MDF-DC202VH-PE
Ext. Dimensions W x D x H (mm)	550 x 685 x 993	1018 x 688 x 993
Volume (l)	84	180
Capacity (2 ml boxes)	42	105
Temperature	-40 to -90 °C	-40 to -90 °C
Screen	LED	LED
Refrigerator	Mixed HC refrigerant	Mixed HC refrigerant
Insulation	PUF/VIP Plus 80 mm	PUF/VIP Plus 80 mm
Internal doors	1	
Compartments	10	
Noise level	52	52
Weight (kg)	85	115
Power supply	230 V, 50 Hz	230 V, 50 Hz
Part number	299642	299643
€	N/A -	N/A -



299642

Prices are indicative and excluding tax. Visit Dutscher.com

Upright freezers -30 °C PHCBI

Dutscher.com



MDF-MU539HL-PE

Models MDF-MU539HL-PE and MDF-MU339HL-PE:
- Compact design (MDF-MU339HL-PE)
- Green refrigerants
- "Inverter" compressor = variable power, very low consumption
- CE medical class IIa (CE0123)
- Quick return to setpoint
- High stability/Homogeneity

Model MDF-U731M-PE:
- High-performance insulation
- Large volume
- Precise and uniform storage
- Excellent sample security

All models:
- Optional available storage containers (please contact us)
- Equipped with a lock
- Serial cable passage to each compartment
- 36-month warranty

Model	MDF-MU339HL-PE	MDF-MU539HL-PE	MDF-U731M-PE
Outer dimensions L x W x H (mm)	616 x 770 x 1802	793 x 770 x 1802	770 x 830 x 1955
Volume (l)	369	504	690
Temperature	-30 °C	-30 °C	-30 °C
Screen	LED	LED	-
Insulation	PUF	PUF	PUF
Door	1	2	1
Compartments	1	2	1
Noise level	42	-	42
Weight	122	144	152
Power supply	230V/50HZ	230V/50HZ	230V/50HZ
Part no.	299553	299536	099288B
€	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
299615	Set of 2 plastic drawers for MDF-MDF-MU339HL (maximum of 3 sets)	N/A -
099999	Set of 2 plastic drawers for MDF-U539HL-PE (maximum of 6 sets)	N/A -
099289	Set of 2 plastic drawers for MDF-U730M x 2	N/A -

Upright freezers -40 °C PHCBI - MDF Series



Model MDF-MU549DH-PE :
- CE medical class IIa (CE0123)
- Large volume
- Green refrigerants
- "Inverter" compressor = variable power, very low energy consumption
- 2 compartments with independent regulation: allows defrosting of one compartment without affecting the temperature of the other
- High-performance insulation

Model MDF-U443-PE:
- Certified MDD + CE medical class IIa (CE0123)
- Forced air circulation technology for optimal performance

All models:
- High stability/Homogeneity
- Available storage containers: optional
- Equipped with a lock
- Serial cable passage to each compartment
- 36-month warranty

Model	MDF-MU549DH-PE	MDF-U443-PE
Temperature (°C)	-40	-40
Capacity (litres)	479	426
External dim. L x W x H (mm)	800 x 772 x 1802	793 x 770 x 1,802
Internal dim. L x W x H (mm)	649 x 614 x 600 (2 compartments)	640 x 615 x 1090
T° range (+35 °C amb.)	From -25 °C to -40 °C +/-1 °C	From -15 °C to -40 °C
Weight (kg)	165	210
Tank	Painted steel	Stainless steel
Cable routing	30 mm at the rear	Two 40 mm ones on the left
Number of doors	2	1
Number of compressors	1	2
Interior equipment	Storage containers	5 adjustable shelves
Power supply	230 Volt - 50 Hz single-phase	230 Volt - 50 Hz single-phase
Part no.	099022C	099036
€	N/A -	N/A -

* It is possible to directly store cryogenic boxes (up to 280 boxes maximum).

Accessories

Part no.	Designation	€
299635	Additional shelf for MDF-U443-PE (requires 4*supports)	N/A -
099172	Shelf support	N/A -
099999	Set of 2 plastic drawers for MDF-U539HL-PE (maximum of 6 sets)	N/A -

Freezers - 150 °C PHCBI

The most uniform storage temperatures without temperature gradients: ideal for long-term cryopreservation of cells and tissues.

- Quality dry storage : no cross-contamination
- No nitrogen-related stress or danger during handling
- Two capacities : 128 l or 231 l
- Capacity: up to 15,000 2 ml cryotubes
- Key lock
- 40 mm diameter access port
- New-generation compressors reduce energy consumption
- Highly reliable and easy to install
- 36-month warranty

The evolution of cryopreservation



Model	MDF-C2156VAN-PE	MDF-1156-PE
Display	LCD	LED
Ext. dim. L x W x H (mm)	1730 x 765 x 1010	1400 x 800 x 945
Int. dim. L x W x H (mm)	760 x 495 x 615	500 x 450 x 572
Volume (l)	231	128
Net weight (kg)	318	265
Number of boxes: Racks:	150 15	81 9
Refrigeration system	Cascade	Cascade
Compressors W	2 x 1100	2 x 1100
Insulating material	PUF/VIP Plus	PUF
Insulation thickness (mm)	135	
Power supply	230 V, 50 Hz	
Part no.	099233	099143
€	N/A -	N/A -

* Boxes of 2

Storage racks for 2 ml cryotubes

Part no.	Designation	€
099233	Cryobox rack 2 ml for model MDF-2156-PE	N/A -
099060	Cryobox rack 2 ml for model MDF-1156-PE	N/A -

Options

Part no.	Designation	€
099199	Temperature recorder for MDF-1156/ MDF-C2156VAN-PE **/*	N/A -
299540	Installation of the recorder for -80°C freezer	N/A -
099236	Adapter for MRT-155H recorder	N/A -
099166	CO2 safety	N/A -
299539	Installation of the N2 security system	N/A -

** Plan factory assembly - * Plan 099236

Prices are indicative and excluding tax. Visit Dutscher.com

Guide to selecting storage racks for PHCBI freezers

Part no.	Rack model	Dim. (W x D x H) (mm)	Capacity in boxes	Number of levels or drawers	For storage	For freezer (rack/freezer capacity)	€
Drawer racks for cases							
099308	MDF-19SC-PW	207 x 144 x 413	-	-	-	MDF-192 (6)	N/A -
099059	MDF-39SC-PW	155 x 155 x 515	-	-	-	MDF-293 (8) and MDF-393&394 (20)	N/A -
099310	MDF-49SC-PW	207 x 144 x 539	-	-	-	MDF-293 (9), MDF-493 (15), MDF-1156 (6)	N/A -
099311	MDF-59SC-PW	207 x 144 x 665	-	-	-	MDF-593&594 (18) and MDF-793&794 (24)	N/A -
Racks for chest freezers							
099108	NIR-207C	144 x 142 x 405	7	7	Cryoboxes 2 ml	MDF-192 (6) and MDF-C8V1 (6)	N/A -
099060	NIR-209C	144 x 142 x 508	9	9	Cryoboxes 2 ml	MDF-293 (10), MDF-393&394 (21), MDF-1156 (9)	N/A -
099223	NIR-210C	144 x 142 x 592	10	10	Cryoboxes 2 ml	MDF-492 (21), MDF-C2156VAN (14)	N/A -
099032	NIR-213C	144 x 142 x 747	13	13	Cryoboxes 2 ml	MDF-593&594 (24) and MDF-793&794 (36)	N/A -
099065	NIR-305C	144 x 142 x 405	5	5	Cryoboxes 5 ml	MDF-192 (6) and MDF-C8V (6)	N/A -
099164	NIR-306C	144 x 142 x 518	6	6	Cryoboxes 5 ml	MDF-293 (10), MDF-393&394 (21), MDF-1156 (9)	N/A -
099238	NIR-307C	144 x 142 x 592	7	7	Cryoboxes 5 ml	MDF-492 (21), MDF-C2156VAN (14)	N/A -
099063	NIR-309C	144 x 142 x 747	9	9	Cryoboxes 5 ml	MDF-593&594 (24) and MDF-793&794 (36)	N/A -
Upright freezer racks							
099048	NIR-212U	142 x 425 x 245	12	4	Cryoboxes 2 ml	MDF-U2086S/U4186S/U5086W	N/A -
099109	NIR-216U	135 x 560 x 210	16	4	Cryoboxes 2 ml	MDF-U33V & MDF-U3386S	N/A -
099012	NIR-220U	140 x 561 x 277	20	5	Cryoboxes 2 ml	MDF-U3386S, MDF-U5186S, MDF-U5386S, MDF-U6086S	N/A -
099013	NIR-224U	140 x 561 x 331	24	6	Cryoboxes 2 ml	U55V/U500VX/DU500VH-PE and MDF-U74V/76V/700VX/ DU700VH-PE	N/A -
099219	NIR-309U	142 x 561 x 245	9	3	Cryoboxes 5 ml	MDF-U4186S	N/A -
099214	NIR-312U	140 x 561 x 277	12	3	Cryoboxes 5 ml	MDF-U3386S/U5386S/U33V/U55V/U500VX/DU500VH-PE/ MDF-U74V/76V/700VX/DU700VH-PE	N/A -
099173	NIR-316U	140 x 561 x 331	16	4	Cryoboxes 5 ml	MDF-U55V/U500VX/DU-500VH-PE, MDF-U74V/76V/700VX/ DU-700VH-PE	N/A -
099319	HCS-32-4584/143	145 x 432 x 282	16	4	Cryoboxes 2 ml	MDF-U3286S/U3386S/U32V/U33V	N/A -
099320	HCS-32-5584/143	140 x 560 x 290	20	5	Cryoboxes 2 ml	MDF-U3286S/U3386S/U32V/U33V	N/A -
099249	HCS-5584	142 x 562 x 280	20	5	Cryoboxes 2 ml	MDF-U5386S/U55V/U500VX/U74V/U76V/700VX	N/A -
099321	HCS-6564	140 x 562 x 342	24	6	Cryoboxes 2 ml	MDF-U55V/U500VX (8)/U74V/U76V/700VX (12)	N/A -
099324	HCS-32-3804/143	145 x 562 x 232	12	3	Cryoboxes 5 ml	MDF-U3286S/U3386S/U32V/U33V	N/A -
099325	HCS-3804	142 x 562 x 242	12	3	Cryoboxes 5 ml	MDF-U5386S (16)/U55V/U500VX (8)/U74V/U76V/U700VX (12)	N/A -
099326	HCS-4804	142 x 562 x 322	16	4	Cryoboxes 5 ml	MDF-U55V/U500VX (8)/U74V/U76V/U700VX (12)	N/A -
Storage racks with drawers for cabinets							
099083	HDR-224	272 x 565 x 340	-	3	-	MDF-U55V/U74V/U76V/U500VX/U700VX & KM-DU53Y1E/73Y1E	N/A -
099068	HDR-220	270 x 560 x 145	-	2	-	MDF-U55V/U74V/U76V/U500VX/U700VX	N/A -
099092	HDR-32/2	205 x 555 x 150	-	2	-	MDF-U33V, MDF-U3386S (8)	N/A -
Set of 3 sliding drawers for cabinets							
099110	MDF-30R	412 x 484 x 150	-	3	-	MDF-U33V & MDF-U3386S *	N/A -
Microplate racks for cabinet freezers							
099144	HCS-5584HMT	142 x 562 x 280	90	5	Microplates	MDF-U5386S/U55V/U500VX/U74V/U76V/700VX	N/A -
099328	HCS-6564HMT	142 x 432 x 322	108	6	Microplates	MDF-U55V/U500VX/U74V/U76V/U700VX	N/A -
099329	HCS-4584HMT	-	72	4	Microplates	MDF-U33V/MDF-U3386S	N/A -
099330	HCS-5564HMT	-	72	5	Microplates	MDF-U33V/MDF-U3386S	N/A -

* Possibility to install the 3-drawer kit on both the lower and upper sections (plan 2 x 150 euros for installation).
** Requires factory assembly.

MPR refrigerators with glass doors

An environmentally-friendly storage solution meeting the highest laboratory standards.

- Different volumes available: 158 L, 340 L, 554 L, 671 L, 1037 L, 1364 L
- Equipped with sliding glass doors
- With natural hydrocarbon refrigerants [HC] for minimal environmental impact
- LED lighting
- Configurable visual and auditory alarms
- Password-protected control panel
- Power supply 220/230/240 V, 50 Hz
- Forced ventilation
- Key lock



Model	MPR-S150H-PE	MPR-S300H-PE	MPR-S500H-PE	MPR-722-PE*	MPR-1014-PE	MPR-1412-PE
Capacity (litres)	158	340	554	684	1037	1364
Temperature (°C)	+2 to +14	+2 to +14	+2 to +14	+2 to +23	+2 to +14	+2 to +23
External/Internal L x W x H (mm)	800 × 500 × 1120 / 720 × 360 × 725	800 × 500 × 1820 / 720 × 360 × 1425	900 x 650 x 1,824 / 800 x 510 x 1,425	770 x 920 x 1955 / 650 x 710 x 1500	1800 x 600 x 1790 / 1700 x 465 x 1300	1440 x 830 x 1950 / 1320 x 710 x 1500
Glass doors	2 double-glazed doors	2 double-glazed doors	2 double-glazed doors	1 glass door	2 double-glazed doors	2 double-glazed doors
Cable routing	30 mm rear	30 mm rear	30 mm rear	30 mm rear	30 mm rear	30 mm rear
Standard internal equipment	3 shelves	6 shelves	6 shelves	4 shelves	6 shelves	8 shelves
Mass (kg)	73	105	140	174	-	248
Part no.	299575	299590	299624	099080B	099243	099081B
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Option available

Option

Part no.	Designation	€
099394B	Sliding shelf for MPR-722-PE*	N/A -

* Specify the height when ordering

PHCBI refrigerator/freezer +2 °C to +14 °C / -20 °C to -30 °C - MPR series

- 1 single device for 2 different temperature zones
- Superior refrigeration performance
- Visual and audible alarms

Model	MPR-450FH-PE	
	Refrigerator	Freezer
Capacity (litres)	340	82
Temperature (°C)	+2 to +14	-20 to -30
L x D x H ext. (mm)	810 x 640 x 1838	
L x D x H int. (mm)	720 x 516 x 913	415 x 470 x 680
Int. equipment	2 large / 3 small	1
Weight (kg)	129	
Part no.	099086B	
€	N/A -	

Model	MPR-715F-PE	
	Refrigerator	Freezer
Capacity (litres)	415	176
Temperature (°C)	+2 to +14	-15 to -35
L x D x H ext. (mm)	900 x 715 x 1910	
L x D x H int. (mm)	810 x 615 x 1894	770 x 552 x 422
Int. equipment	3 shelves	2 shelves
Weight (kg)	170	
Part no.	099981	
€	N/A -	



MPR-450FH-PE

Prices are indicative and excluding tax. Visit Dutscher.com

Upright freezer -86 °C FROILABO - BM Models



- Insulation
- Heated triple lip joint
- Progressive sealing door closure
- 4 swivel casters and leveling jacks
- Adjustable threshold high and low temperature visual and audible alarm
- BOSS System: ensures continuous cooling production in the event of an incident affecting the power supply to the device's controller
- 5-year warranty on compressors, 5-year warranty on the condenser fan, and 10-year warranty on the insulation

Model	BM175
Temperature	-60 °C to -86 °C
Capacity (litres)	173
Ext. dim. L x D x H (mm)	875 x 712 x 1300
Dim. int. L x W x H (mm)	630 x 452 x 620
Int. compartments	2
Weight (kg)	185
Power supply	230 V/50 Hz
Part no.	069510
€	N/A -

Optional equipment

Part no.	Designation	€
069519	Liquid CO2 injection emergency system (3 m CO2 connection hose included)	N/A -
069536	Circular chart temperature recorder	N/A -

Additional options, please contact us.

Upright freezers -86 °C FROILABO - BM Evolution models



BM EVO 690
GREEN GAS

- BM Evolution models with touchscreen, USB connectivity, and diagnostic menu
- 3 capacities: 340 L, 515 L, and 690 L
- Ergonomic smart handle with engaged handle detector
- Temperature alarms: one high and one low, both visual and audible with adjustable thresholds
- Removable and easily interchangeable cassette filter
- Anti-frost tank seal
- Pressure release valve
- BOSS system enabling continuous cooling production in the event of an incident affecting the device's regulation
- Natural refrigerant fluids green gases
- 5-year warranty on compressors and condenser fan, and a 10-year warranty on insulation

Model	BM EVO 340 GREEN GAS	BM EVO 515 GREEN GAS	BM EVO 690 GREEN GAS
Temperature	-60 °C to -86 °C	-60 °C to -86 °C	-60 °C to -86 °C
Capacity (litres)	340	515	690
W x D x H (mm) Ext. dim.	875 x 970 x 1280	875 x 970 x 1640	875 x 970 x 2000
L x W x H (mm) Int. Dim.	630 x 752 x 716	630 x 752 x 1076	630 x 752 x 1436
Int. compartments	2	3	4
Weight (kg)	223	267	330
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Cat. No.	069614	069615	069616
€	N/A -	N/A -	N/A -

Options

Part no.	Designation	€
069519	Liquid CO2 injection emergency system (includes 3 m CO2 connection hose)	N/A -
069536	Circular chart temperature recorder	N/A -

Additional options, please contact us.

TRUST -86 °C freezers FROILABO

- 3 different volumes: 340 L, 515 L and 690 L with respective capacities of 24,000, 36,000 and 48,000 tubes of 2 ml
- Robust construction and easy cleaning thanks to an all-stainless steel interior
- Optimal insulation with vacuum panels
- Pressure relief valve for easy reopening of the door, and a flat and heated door seal to minimize frost formation
- The filters, internal gates, and shelves are removable for easy cleaning
- Intuitive and streamlined interface: operational information is continuously visible
- Natural refrigerant fluids R290 / R170
- Warranty: 2 years, 5 years on the fan, compressors and condenser, 10 years on VIP insulation



Model	TRUST 340	TRUST 515	TRUST 690
Capacity (litres)	340	515	690
Capacity	24000	36000	48000
L x W x H (mm) ext.	1280 x 970 x 875	1640 x 970 x 875	1436 x 752 x 630
L x W x H (mm) int.	716 x 752 x 630	1076 x 752 x 630	-
Int. compartments	2	3	4
Weight (kg)	223	267	330
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Cat. No.	069716	069717	069718
€	N/A -	N/A -	N/A -

Vertical freezer racks

Racks for BM340/BM515/BM690/BM100

Number of racks per freezers				Part no.	Designation	€
BM340	BM515	BM690	BM1000			
					Aluminium drawer racks	
4	6	8	12	069576	Rack 2 drawers (h = 164 mm), for 60 boxes of 51 x 133 x 133 mm	N/A -
4	6	8	12	069577	Rack 3 drawers (h = 109 mm), for 60 boxes of 51 x 133 x 133 mm	N/A -
4	6	8	12	069578	Rack 4 drawers (h = 80 mm), for 40 boxes of 51 x 133 x 133 mm	N/A -
4	6	8	12	069579	Rack 5 drawers (h = 63 mm), for 50 boxes of 51 x 133 x 133 mm	N/A -
4	6	8	12	069580	Rack 6 drawers (h = 53 mm), for 60 boxes of 51 x 133 x 133 mm	N/A -
					Aluminium racks with side access compartments	
8	12	16	24	069581	Rack 3 levels 15 compartments (h = 109 mm) for boxes 133 x 133 mm	N/A -
8	12	16	24	069582	Rack 4 levels 20 compartments (h = 80 mm) for boxes 133 x 133 mm	N/A -
8	12	16	24	069583	Rack 5 levels 25 compartments (h = 63 mm) for boxes 133 x 133 mm	N/A -
8	12	16	24	069584	Rack 6 levels 30 compartments (h = 54 mm) for boxes 133 x 133 mm	N/A -

Racks for BM175 / BMP175

Number of racks per freezers		Part no.	Designation	€
BM175	BM175P			
			Drawer racks	
4	4	069543	Aluminium rack with 5 drawers, for 30 boxes of 50 x 130 x 130 mm	N/A -
			Horizontal aluminium racks	
8	8	069547	Rack 5 shelves for 15 boxes of 50 x 130 x 130 mm	N/A -



Racks 6 drawers



Racks 5 drawers

Other racks available upon request

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AMONG THE BRANDS DISTRIBUTED BY DOMINIQUE DUTSCHER



ÉQUIPEMENT

Freezers -80°C EPPENDORF CryoCube F101h

Ultra-low temperature benchtop freezers for on-hand storage in the laboratory for up to 6000 samples. Highly compact, it is ideal for laboratories with limited space: fits under the bench for minimal footprint.

- Storage capacity 101 L
- The maximum storage capacity for boxes measuring 130 x 130 x 53 mm
(2 ml cryotubes) is 60 boxes or 66 boxes when removing the shelf.
- Sustainable and economical design:
- Constructed with vacuum panels to optimise freezer insulation and minimise electrical consumption
- Cooling with clean gases and insulation with eco-friendly foam.
- Ergonomic:
- A lockable power switch and intuitive touch controls for safe and easy handling.
- 2 independent compartments, each equipped with a hatch and a flexible shelf that can be easily removed to make room for a large compartment.
- The special "low temperature" seals on the outer door remain flexible even at –86°C and prevent the formation of ice.



Model	CryoCube F101h f101h freezer
Capacity (l)	101
External dimensions W x D x H (cm)	90 x 56.6 x 83
Internal dimensions L x W x H (cm)	48 x 33 x 64
Temperature (°C)	-80
Insulation	Vacuum insulation panels / polyurethane foam
Number of internal doors	2
Access port	2
Display	LCD
Code access	lock code
Type of refrigerant	R-290, R-170
Noise level (dB)	39.7
Power supply	230 V, 50 Hz
Part number	F101340061
€	N/A -

Option

Part no.	Designation	€
F652999010	Padlock adapter	N/A -

Accessories

Model	10-drawer rack (5 x 2) boxes 133 x 133 x 53 mm	Lateral access rack for 10 (5 x 2) boxes of 133 x 133 x 53 mm
Part no.	6001062210	6001061210
Number of racks per freezer	6	
Quantity of boxes per freezer *	60	
€	N/A -	N/A -

* L x W x H : 133 x 133 x 50 mm



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Eppendorf CryoCube F570 freezers

CryoCube F57 freezers feature a 5-compartment layout and 5 insulated internal doors for easy access to samples and safe storage of samples at -80°C.

- A volume of 570 L for a capacity of up to 40,000 samples (2 ml cryotubes)
- A temperature range from -50 °C to -86 °C
- Multiple versions available :
- CryoCube F570n :
- 130 mm wall (polyurethane insulation)
- "Green" cooling liquids (R290/ R170)
- Air cooling
- CryoCube F570h: (VIP)
- Wall of 130 mm (vacuum insulation panels and polyurethane insulation panels)
- "Green" cooling liquids (R290/ R170)
- Air cooling
- Automatic vent for quick reopening of the door if necessary
- Ergonomic handle to facilitate door opening
- Stainless steel interior for easy cleaning
- Easily accessible filter for regular cleaning and optimised performance
- Free positioning of shelves for customised layout



Model	CryoCube F570n	CryoCube F570h
Capacity (l)	570	
External dimensions W x D x H (cm)	102.5 x 85.2 x 194	
Internal dimensions L x W x H (cm)	76.5 x 57.5 x 126.5	
Temperature (°C)	-50 and -86	
Insulation	130 mm wall (polyurethane insulation)	130 mm wall (vacuum insulation panels and polyurethane insulation panels) VIP
Number of internal doors	5	
Number of compartments	5	
Access port	2	
Display	LED	
Code access	Yes	
Type of refrigerant	R290 / R170	
Noise level (dB)	59.1	59.5
Power supply	230 V, 50 Hz	
Part no.	F571300031	F571340031
€	N/A -	N/A -

Accessories

Model	Drawers rack	Side access rack
Part no.	6001022210	6001021210
Rack capacity per freezer	25	
Quantity of boxes per freezer *	400	
€	N/A -	N/A -

* Capacity specified for boxes of 100 cryovials



Freezers -80 °C CryoCube® FC660 Eppendorf

- 660 L storage capacity
- 13 cm double insulation and clean gas
- 13 cm insulation of traditional foam for models
- Blue LED display with alarm indication and password protection
- 304L stainless steel interior
- Wide, flat door seal for maximum tightness
- New ergonomic handle for less effort when opening and closing
- 5 removable internal doors with magnetic closure
- Heated vent for immediate re-opening of the freezer
- 2 serial access ports for the introduction of external probes or CO^2/LN2 safety kit
- Dry contact for alarm reporting as standard
- Air filter on the front panel
- Recyclable and locally available refrigerants
- Refrigeration system with 2 cascade compressors operating 60% of the time (40% off)
- Low energy consumption

Model	CryoCube FC660 h
Capacity (l)	660
External dimensions W x D x H (cm)	207 x 84 x 107.5 (depth +110 mm, width + 80 mm with the handle and hinges)
Internal dimensions L x W x H (cm)	147 x 59 x 76
Temperature °C	-86 °C
Insulation	Vacuum insulation panels with Vacupor™
Number of internal doors / compartments	1
Power consumption (kWh/day)	8.1
Heat dissipated 230 V (W)	338
Noise level (dB)	58.3
Part no. Nutrition	230 V, 50 Hz
Weight (kg)	304
Part no.	F660320001
€	N/A -

Options

Part no.	Designation	€
P06252100	Weekly paper recorder with probe, stylus, and paper	N/A -
P06252110	Chart recorder paper -50 °C to -100 °C	N/A -
K06600051	Stylus for weekly recorder (pack of 3)	N/A -
U90430008	CO2 backup system for CryoCube freezers	N/A -
U90440008	N2 backup system for CryoCube freezers	N/A -

Storage racks for CryoCube FC660 and FC660h chest freezers

Part no.	Designation	Number of racks per freezer	€
K06411690	Vertical rack for boxes 130 x 130 x 50 mm	40	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Ultra-low temperature freezers -80 °C CryoCube F440n/F440h

eppendorf





- A volume of 440 litres for a capacity of up to 32,000 samples (2 ml cryotubes)
- A temperature range from -50 °C to -86 °C
- Multiple versions available :

- CryoCube F440n:

- 130 mm wall (polyurethane insulation)
- "Green" cooling liquids (R290/ R170)
- Air cooling

-CryoCube F440h: (VIP)

- 130 mm wall (vacuum insulation panels and polyurethane insulation panels)
- "Green" cooling liquids (R290/ R170)
- Air cooling

Common characteristics:

- Intelligent control to reduce compressor running times: limits consumption and increases freezer longevity
- Lockable main switch to prevent accidental deactivation
- Automatic event enabling rapid reopening of the door when necessary.
- Ergonomic handle to facilitate door opening
- Stainless steel interior for easy cleaning
- Easily accessible filter for regular cleaning and optimised performance

Model	CryoCube F440n	CryoCube F440h
Capacity (l)	440	
External dimensions W x D x H (cm)	95.5 x 89.8 x 195	
Internal dimensions L x W x H (cm)	61.6 x 57.5 x 126.5	
Temperature °C	-50 °C and -86 °C	
Insulation	130 mm wall Polyurethane insulation	130 mm wall Vacuum Insulation panels and polyurethane insulation panels VIP
Number of internal doors	5	
Number of compartments	5	
Access port	2	
Display	LED	
Code access	Yes	
Type of refrigerant	R290 / R170	
Noise level (dB)	51.5	
Power supply	230 V, 50 Hz	
Cryocube F440, 230V/50HZ, EU	F440300031	F440340031
€	N/A -	N/A -
Cryocube F440 with recorder	F440301031	F440341031
€	N/A -	N/A -
Cryocube F440 with C02 backup system	F440302031	F440342031
€	N/A -	N/A -
Cryocube F440 with LN2 backup system	F440303031	F440343031
€	N/A -	N/A -
Cryocube F440 with recorder and backup system CO_2	F440304031	F440344031
€	N/A -	N/A -
Cryocube F440 with recorder and LN2 backup system	F440305031	F440345031
€	N/A -	N/A -

Accessories for storage of boxes 53 x 130 x 130 mm

Part no.	Designation	Quantity per freezer	Number of boxes	€
6001022210	Stainless steel rack with drawers	20	320	N/A -
6001021210	Stainless steel rack with side access	20	320	N/A -

Upright freezers -86 °C, CryoCube® Eppendorf F740 series



Blue LED control panel model

- Storage capacity of 740 L
- Total capacity boxes 133 x 133 x 50 mm: 576 boxes
- 8 cm vacuum insulation using the Vacupor™ system
- Control panel with blue LEDs or colour touchscreen (version "i")
- Touchscreen control panel (version "i"): temperature monitoring with graphs, data export via USB, electronic lock with individual user code (can be disabled)
- External door with left or right opening, featuring an ergonomic handle designed to reduce effort when opening and closing
- Wide, flat door seal for maximum tightness
- Interior in 304 L stainless steel
- 3 or 5 compartments
- 3 removable internal doors with magnetic closure
- Heated vent for immediate re-opening of the freezer
- 2 serial access ports for the introduction of external probes or CO_2/LN2 safety kit
- Dry contact for alarm reporting as standard
- Air filter located under the hood at the front
- Eco-efficient F740hi model in clean gases
- Refrigeration system with 2 cascade compressors operating 60% of the time (40% off)
- Low energy consumption
- Touchscreen for version i



Control panel version "hi"

Model	CryoCube F740h	CryoCube F740hi
Capacity (l)	740	
External dimensions W x D x H (cm)	109.9 x 91.5 x 197.3 (Depth + 110 mm, width + 80 mm with handle and hinges)	109.9 x 98 x 197.3 (Depth + 110 mm, width + 80 mm with handle and hinges)
Internal dimensions L x W x H (cm)	86.5 x 62.1 x 139	
Temperature °C	-86	
Insulation	Vacuum insulation panels with Vacupor™	
Number of internal doors/compartments	3 / 3 or 5	
Main entrance opening	Left or right	Left or right
Screen type	Blue LEDs	Touch and colour screen
Code access	No	Yes
Type of refrigerant	R290/R170	
Air/water cooling	Air	Air
Power consumption (kWh/day) *Empty freezer, ambient 20°C: at -80°C, / at -70°C	12.9/9.6*	12.9/9.6*
Heat dissipated 230 V (W)	538	533
Noise level (dB)	47.8	41.3
Power supply	230 V, 50 Hz	
Left opening, 5 compartments		
Part no.	F740340031	F740320031
€	N/A -	N/A -
Left opening, 3 compartments		
Part no.	F740340011	F740320011
€	N/A -	N/A -
Straight opening, 5 compartments		
Part no.	F740340041	F740320041
€	N/A -	N/A -
Straight opening, 3 compartments		
Part no.	F740340021	F740320021
€	N/A -	N/A -

Other models with graphic recorders and/or CO_2 or LN2 backup: Part no. available on Dutscher.com

Prices are indicative and excluding tax. Visit Dutscher.com

Storage racks for CryoCube F740 upright freezers

The racks of the Innova U360, U535, U725, and U725G models are compatible with the F740 series (3 compartments) of CryoCubes (up to 6 racks per compartment).

	Box/rack dimensions (D x W x H) (mm)	Part no.	Total racks per freezer	Boxes per rack	Total number of boxes per freezer	€
* Drawers, stainless steel, for freezer with 3 compartments	53 / 563 x 140 x 449	6001072210	18	32	576	N/A -
	64 / 563 x 140 x 412	6001072910	18	24	432	N/A -
	76 / 563 x 140 x 414	6001072310	18	20	360	N/A -
	102 / 563 x 140 x 431	6001072410	18	16	288	N/A -
	127 / 563 x 140 x 414	6001072510	18	12	216	N/A -
* Lateral loading, stainless steel, for freezer with 3 compartments	53 / 569 x 139 x 444	6001071210	18	32	576	N/A -
	64 / 569 x 139 x 406	6001071910	18	24	432	N/A -
	76 / 569 x 139 x 412	6001071310	18	20	360	N/A -
	102 / 569 x 139 x 444	6001071410	18	16	288	N/A -
	127 / 569 x 139 x 414	6001071510	18	12	216	N/A -
	DWP / 549 x 139 x 444	6001071110	18	48	864	N/A -
** Drawers, stainless steel, For freezer with 5 compartments, compartments 1 to 4	53 / 563 x 140 x 231	6001022210	24	16	384 (528)	N/A -
	64 / 563 x 140 x 204	6001022910	24	12	288 (408)	N/A -
	76 / 563 x 140 x 166	6001022310	24	8	192 (288)	N/A -
	102 / 563 x 140 x 216	6001022410	24	8	192 (264)	N/A -
** Lateral loading, stainless steel, For a freezer with 5 compartments, compartments 1 to 4	53 / 569 x 139 x 230	6001021210	24	16	384 (528)	N/A -
	64 / 569 x 139 x 205	6001021910	24	12	288 (408)	N/A -
	76 / 569 x 139 x 167	6001021310	24	8	192 (288)	N/A -
	102 / 569 x 139 x 230	6001021410	24	8	192 (264)	N/A -
	DWP / 549 x 139 x 224	6001021110	24	24	576 (792)	N/A -
* Drawers, stainless steel, For freezer with 5 compartments, for 5 compartments	53 / 563 x 140 x 346	6001082210	6	24	144 (528)	N/A -
	64 / 563 x 140 x 344	6001082910	6	20	120 (408)	N/A -
	76 / 563 x 140 x 331	6001082310	6	16	96 (288)	N/A -
	102 / 563 x 140 x 324	6001082410	6	12	72 (264)	N/A -
	127 / 563 x 140 x 276	6001082510	6	8	48 (48)	N/A -
* Lateral loading, stainless steel, For freezers with 5 compartments for 5 compartments	53 / 569 x 139 x 343	6001081210	6	24	144 (528)	N/A -
	64 / 569 x 139 x 339	6001081910	6	20	120 (408)	N/A -
	76 / 569 x 139 x 330	6001081310	6	16	96 (288)	N/A -
	102 / 569 x 139 x 343	6001081410	6	12	72 (264)	N/A -
	127 / 569 x 139 x 277	6001081510	6	8	48 (48)	N/A -
	DWP / 549 x 139 x 343	6001081110	6	36	216 (792)	N/A -

* MAX racks for optimising capacity. ** Racks compatible with Premium/CryoCube® F570 freezers

Freezers -80 °C Thermo TDE and TSX

Series TDE

Thermo TDE -80 °C freezers provide a reliable and secure storage solution while minimising environmental impact.

- 4 vertical models maximizing storage capacity from 30,000 to 60,000 2 ml tubes
- H-Drive refrigeration system: cooling unit using more economical hydrocarbon gases with reduced environmental impact
- Touch control panel very easy to use
- Constructed with vacuum insulated panels: enhanced insulation and reduced floor space usage
- 4 internal compartments with sub-doors limiting the temperature rise of the freezer

Model	TDE30086	TDE40086	TDE50086	TDE60086
Capacity (l)	422	549	682	816
Capacity of boxes 133 x 133 x 50 mm (2 ml)	300	400	500	600
External dimensions* h x w x d (cm)	198.1 x 58.4 x 97.7	198.1 x 71.9 x 97.7	198.1 x 86.4 x 97.7	198.1 x 100.6 x 97.7
Internal dimensions (h x w x d) (cm)	130.1 x 45.2 x 71.9	130.1 x 58.8 x 71.9	130.1 x 73.0 x 71.9	130.1 x 87.3 x 71.9
Temperature (°C)	- 80	- 80	- 80	- 80
Consumption (kW-h/day)	11.2	12.3	12.7	14.2
Power supply	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Part no.	229098	229099	229100	229101
€	N/A -	N/A -	N/A -	N/A -

* Depth : + 10.7 cm door and hinges



Series TSX

- TSX freezers are available in 4 different capacities : 400, 500, 600 and 700 boxes
- Refrigeration system : V Drive technology, very quiet, highly reliable, and extremely economical. Compressors adapt very quickly to all situations in the laboratory: during the night or stable periods, the compressors operate at a significantly reduced speed, conserving energy
- Natural refrigerants : Hydrocarbon gas F-Gas, low heat emission
- New 18 cm wide touchscreen interface, usable with gloves
- Fully configurable screen
- Setpoints and security with access code
- Audible and visual alarms for excessively high ambient temperature, door open, power failure
- Graphical display of temperature monitoring
- Key lock
- 5-year standard warranty on parts, labour, and travel, and 12 years on compressors (parts only)

Model	TSX40086V	TSX50086V	TSX60086V	TSX70086V
Capacity (l)	549	682	816	949
Capacity of boxes 133 x 133 x 50 mm (2 ml)	400	500	600	700
External dimensions* h x w x d (cm)	198 x 71.9 x 95.5	198.1 x 95.5 x 86.4	198.1 x 95.5 x 100.6	198.1 x 95.5 x 114.8
Internal dimensions (h x w x d) (cm)	130.1 x 71.9 x 58.8	130.1 x 71.9 x 73.0	130.1 x 71.9 x 87.3	130.1 x 71.9 x 87.3
Temperature (°C)	-50 to -86	-50 to -86	-50 to -86	-50 to -86
Consumption (kW-h/day)	11.2	12.3	12.7	14.2
Power supply	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Part no.	023391	262703	023395	262837
€	N/A -	N/A -	N/A -	N/A -

* depth : + 10.7 cm door and hinges

Accessories for TSE and TSX

Part no.	Designation	€
228297	Drawer rack for 25 freezing boxes 133 x 133 x 51 mm	N/A -
228296	Lateral access rack for 25 cryogenic boxes 133 x 133 x 51 mm	N/A -

Model	TDE30086	TDE40086	TDE50086	TDE60086
	229098	229099	229100	229100
Rack by level	3	4	5	6
Rack by freezer	12	16	20	24
Model	TSX40086V	TSX50086V	TSX60086V	TSX70086V
	023391	262703	023395	262837
Rack by level	4	5	6	7
Rack by freezer	16	20	24	28

Factory-installed options for TSE and TSX

Part no.	Designation	€
228803	CO_2 backup system	N/A -
229107	LN2 backup system	N/A -
229106	Red ink chart recorder with 50 sheets of graph paper	N/A -
229108	Ink pen chart recorder	N/A -
228523	Stainless steel interior	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Chest freezers -80°C TDE

NEW



TDEC06386

Freezers equipped with H-Drive technology offering reliability and energy efficiency.

- Box model
- 3 different capacities to meet varied storage needs: 85 L, 360 L and 566 L
- For storage ranging from 5,103 2 ml tubes to 3,960 2 ml tubes
- Rapid temperature recovery after door opening
- Touch interface
- Limited noise level 55.5 (dBA)
- For everyday use
- General purpose laboratory model (GLP)
- Natural hydrocarbon-based refrigerant for lower environmental impact and greater cooling efficiency

Model	TDEC06386	TDEC25286	TDEC39686
Temperature °C	-50 °C to -86 °C	-50 °C to -86 °C	-50 °C to -86 °C
Capacity (l)	85	360	566
2 ml box storage capacity	63	252	396
User interface	Tactile	Tactile	Tactile
External coating	Painted steel	Painted steel	Painted steel
Interior coating	Stainless steel	Stainless steel	Stainless steel
Access port	1	1	1
Energy consu. kW/24 h	4.9	8.5	10.8
System refrigerant	R290/R170+R290 Mix	R290/R170+R290 Mix	R290/R170+R290 Mix
Insulation	Polyurethane foam with HFC-free blowing agent		
Castors	4	6	6
Compressor	H-Drive	H-Drive	H-Drive
Ext. dimensions W x D x H (cm)	73.2 x 83.1 x 111	183.6 x 84.1 x 102.9	244.6 x 84.1 x 102.9
Weight (kg)	176	322	390
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Part no.	079761	079762	079763
€	N/A -	N/A -	N/A -

Accessories

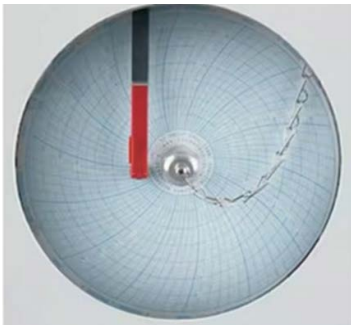


079772



079775

Model	TDEC06386	TDEC25286	TDEC39686
Vertical rack for 7 boxes of 130 x 130 x 50 mm with locking rod	079772	-	-
€	N/A -	-	-
Vertical rack for 12 boxes of 130 x 130 x 50 mm with locking rod	228889	228889	-
€	N/A -	N/A -	-
Vertical rack for 12 boxes of 130 x 130 x 50 mm with locking rod	-	-	228889
€	-	-	N/A -
Vertical rack for 27 microplates	-	079775	079775
€	-	N/A -	N/A -
LN2 backup system	079767	-	-
€	N/A -	-	-
CO_2 backup system	079768	-	-
€	N/A -	-	-
LN2 backup system	-	079769	079769
€	-	N/A -	N/A -
CO_2 backup system	-	079770	079770
€	-	N/A -	N/A -
7-day thermal chart recorder	079764	079764	079764
€	N/A -	N/A -	N/A -
7-day ink chart recorder	079765	079765	079765
€	N/A -	N/A -	N/A -
Paper disc for ink recorder x 50	228649	228649	228649
€	N/A -	N/A -	N/A -



079764

Step-controlled CryoMed freezers

NEW



The CryoMed device is a sample preparation device for freezing at low temperatures -80°C ... -196°C.
It offers gradual freezing of the sample to ensure proper preparation of the sample and maintain cellular viability.

- 3 different capabilities: 17 l/34 l/48 l
- 6 predefined and customisable freezing profiles possible
- Accessories compatible with several containers to arrange and optimise the interior space of the Cryomed: racks for tubes, for straws, support or press for bags
- The intuitive touchscreen allows for easy configuration, operation, and monitoring of a freezing cycle
- LN2 injection control for precise temperature regulation
- Painted stainless steel outer casing compatible with hydrogen peroxide spray cleaning
- Delivered without accessories
- LN2 connection required

Part no.	Model	Chamber volume (l)	Power supply	External dimensions (cm)	Internal dimensions (cm)	Printer	€
079778	TSCM17XV	17	220V / 50/60Hz	94.70 x 55.10 x 61	17.80 x 30.50 x 33	No	NC -
079777	TSCM17PV					Yes	NC -
079780	TSCM34XV	34	220V / 50/60Hz	109.90 x 55.10 x 61	33 x 30.50 x 33	No	NC -
079779	TSCM34PV					Yes	NC -
079782	TSCM48XV	48	220V / 50/60Hz	125.20 x 55.01 x 61	48.30 x 30.50 x 33	No	NC -
079781	TSCM48PV					Yes	NC -

Accessories

Part no.	Designation	Dimensions H x W x D (cm)	Qty/CryoMed 17 L	Qty/CryoMed 34 L	Qty/CryoMed 48 L	€
228701	Small model freezer rack for 76 tubes 1.2/2 ml**	2.8 x 15.2 x 30.5	5	Not applicable	5 + 5 large possible racks	N/A -
228702	Small rack support for freezer storage *	24.9 x 15.7 x 31.5	1	Not applicable	1 small stand and 1 large stand	N/A -
079805	Large freezer rack for 161 1.2/2 ml cryotubes	2.8 x 30.5 x 30.5	Not applicable	5	5 + 5 possible small racks	N/A -
079806	Large rack for freezer racks	24.9 x 31 x 31.5	Not applicable	1	1 small stand and 1 large stand	N/A -

** The freezing racks fit onto a rack support. * Support for freezing racks (accommodates multiple racks).

Options

Part no.	Designation	€
079798	Independent temperature sensor for straws of all models	N/A -
079799	Independent temperature sensor for 1.2/2 ml cryotube all models	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com





Refrigerators and freezers for research and storage of laboratory products

Refrigerators and freezers used in research and laboratories must meet extremely stringent standards.
Thanks to precise electronic control systems and temperature settings accurate to the degree, Liebherr laboratory devices provide exceptional thermal stability.
Numerous functions and features ensure optimal storage of sensitive substances, chemicals, and research materials.

Qualifiable laboratory refrigerators

Laboratory refrigerators MediLine 5 °C ± 3 °C suitable for under-bench integration or stacking

3 YEARS WARRANTY

NEW

- Temperature: + 3 °C to + 16 °C
- Qualifiable temperature: 5 °C ± 3 °C
- Ventilated cooling
- Automatic defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)

Standard equipment:

+ Door with lock;
+ Supplied with grids;
+ Power supply 230 V - 50 Hz.



671901

Model	LKUv 1610	LKUv 1613
Volume (gross/net)	142/133	142/133
Door	Full	Glazed
Qualifying temperature	5 °C ± 3 °C	5 °C ± 3 °C
Adjustable temperature	+ 3 °C to + 16 °C	+ 3 °C to + 16 °C
Consumption (kWh/24 h)	0.75	1.01
Noise level (dB)	47	47
Equipment		
Grids	3	3
Dimensions		
Ext. dimensions L x W x H (mm)	600 x 615 x 820	600 x 615 x 820
Tank dimensions l x w x h (mm)	440 x 435 x 670	600 x 615 x 820
Weight (gross/net) (kg)	40/37	40/37
Part no.	671901	671902
€	N/A -	N/A -

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage Ø 38 mm for probes	N/A -

* This option allows for the installation of a Ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

Refrigerated laboratory cabinets 5 °C ± 3 °C or ± 2 °C

- Temperature: + 3 °C to + 16 °C
- Ventilated cooling
- Automatic defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)
- Access port for temperature probe 1 x Ø 10 mm

Standard equipment:
+ Door with lock;
+ Supplied with grids;
+ Power supply 230 V - 50 Hz.

VG finish models - Performance Series:
+ Refrigerators qualify 5 °C ± 3 °C ;
+ Immediate alarm in the event of a power cut ;
+ Monochrome screen, touch-sensitive buttons.

NEW


671885

VH finishing models - Perfection Series:
+ Refrigerators qualifying 5 °C ± 2 °C;
+ Immediate battery alarm (12 hours) in case of power outage;
+ Integrated data logger;
+ USB interface for data logger reading;
+ 2.4" colour display, Touch & Swipe.


671889

Series	Performance Series						Perfection series			
Model	SRFVG 3501	SRFVG 3511	SRFVG 4001	SRFVG 4011	SRFVG 5501	SRFVG 5511	SRFVH 4001	SRFVH 4011	SRFVH 5501	SRFVH 5511
Volume (gross/net)	261/344		394/298		558/441		394/298		558/441	
Door	Full	Glazed	Full	Glazed	Full	Glazed	Full	Glazed	Full	Glazed
Qualifying temperature	5 °C ± 3 °C		5 °C ± 3 °C		5 °C ± 3 °C		5 °C ± 2 °C		5 °C ± 2 °C	
Adjustable temperature	+ 3 °C to + 16 °C		+ 3 °C to + 16 °C		+ 3 °C to + 16 °C		+ 3 °C to + 16 °C		+ 3 °C to + 16 °C	
Consumption (kWh/24 h)	0.6		0.7		0.7		0.5		0.5	
Noise level (dB)	48		49		49		49		49	
Equipment										
Grids	4 grids - (w x d) 460 x 423 mm		5 grids - (w x d) 460 x 423 mm		5 grids – (w x d) 606 x 536 mm		5 grids – (w x d) 460 x 423 mm		5 grids – (w x d) 606 x 536 mm	
Dimension										
Ext dim : L x W x H (mm)	597 x 654 x 168		59.7 x 65.4 x 188		747 x 769 x 147		597 x 654 x 188		747 x 769 x 179	
Tank dim : l x w x h (mm)	460 x 423 x 146		460 x 423 x 166		606 x 536 x 146		460 x 423 x 166		606 x 536 x 146	
Weight (gross/net) (kg)	64/60		70/64		86/80		71/65		94/80	
Part no.	671881	671882	671883	671884	671885	671886	671887	671888	671889	671890
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage Ø 38 mm for probes	N/A -

* This option allows for the installation of a Ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

Laboratory refrigerator +5 °C ± 3 °C: explosion-proof chamber

- Qualifiable temperature: 5 °C ± 3 °C
- Ventilated cooling
- Automatic defrost
- 7-Segment LED display with keys
- Thermoformed PS tank
- Visual and audible alarms
- Potential-free contact (NO/NC)

Standard equipment:
+ Door with lock;
+ Supplied with a glass tablet;
+ Power supply 230 V - 50 Hz.

NEW



Model	LKUexv 1610
Volume (gross/net)	141/130
Door	Full
Qualifying temperature	5 °C ± 3 °C
Adjustable temperature	+ 3 °C to + 16 °C
Equipment	
Tablets	3 - (W x D) 440 x 420 mm
Dimensions	
Ext. dimensions L x W x H (mm)	601 x 618 x 820
Tank dimensions l x w x h (mm)	440 x 435 x 670
Weight (gross/net) (kg)	41 / 38
Part no.	671900
€	N/A -

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage Ø 38 mm for probes	N/A -

* This option allows for the installation of a Ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

Prices are indicative and excluding tax. Visit Dutscher.com

Laboratory refrigerators with stainless steel interior chamber 5°C



671971

- Temperature 5 °C ± 3 °C or 5 °C ± 2 °C
- Cooling by forced air (ventilated)
- Stainless steel tank
- Exterior epoxy body white
- Probe passage diameter 12 mm
- Tank passage diameter 38 mm for qualification
- Refrigerant R600
- Intensive use
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)
- Power supply 230 V - 50 Hz

Standard equipment:
+ Plastic-coated steel grids
+ Lock
+ Equipped with Ø100 mm castors, 2 of which have brakes

VH finish model:
+ Qualifiable 5°C ±2°C
+ Immediate battery-powered alarm (12 hours) in the event of a power outage
+ Integrated data recorder
+ USB interface for data recorder reading
+ 2.4" colour display, Touch & Swipe

VG finish model:
+ Qualifiable 5°C ±3°C
+ Immediate alarm in the event of a power cut
+ Monochrome screen, touch-sensitive buttons

Spacious refrigerators, secure storage:
SPACIOUS – QUALIFIABLE – ALARMS

Series	Perfection series					
Model	SRPVH 1402	SRPVH 1412	SRPVH 8401	SRPVH 8411	SFPVH 6501	SRPVH 6511
Volume (gross)	1391 l		871 l		614 l	
Door	Full	Glazed	Full	Glazed	Full	Glazed
Temperature	5 °C ± 2 °C					
Adjustable temperature	0 °C to +16 °C					
Noise level dB(A)	60					
	Equipment					
Grids	8		4			
	Dimensions					
Ext. Dimensions W x D x H (mm)	1427 / 867/ 2135		787 / 1017/ 2135		697 / 867/ 2135	
Tank dimensions l x w x h (mm)	1210 / 638/ 1470		579 / 788/ 1470		489 / 638/ 1470	
Gross / net weight (kg)	225 / 200		165 / 147		148 / 130	
Part no.	671970	671971	671972	671973	671974	671975
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Series	Performance Series					
Model	SRPVG 1402	SRPVG 1412	SRPVG 8401	SRPVG 8411	SFPVG 6501	SRPVG 6511
Volume (gross)	1391 l		871 l		614 l	
Door	Full	Glazed	Full	Glazed	Full	Glazed
Temperature	5 °C ± 3 °C					
Adjustable temperature	0 °C to +16 °C					
Noise level dB(A)	60					
	Equipment					
Grids	8		4			
	Dimensions					
Ext. Dimensions W x D x H (mm)	1427 / 867/ 2135		787 / 1017/ 2135		697 / 867/ 2135	
Tank dimensions l x w x h (mm)	1210 / 638/ 1470		579 / 788/ 1470		489 / 638/ 1470	
Gross / net weight (kg)	225 / 200		165 / 147		131 / 113	
Part no.	671976	671977	671978	671979	671980	671981
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Laboratory refrigerator MediLine : explosion-proof tank

- Qualifiable temperature: 5 °C ± 3 °C
- +1°C to +15°C
- White food-grade ABS
- Rotary knob with digital thermometer
- Potential-free contact (NO/NC)

Standard equipment:

+ Door with lock;
+ Supplied with a glass tablet;
+ Power supply 230 V - 50 Hz.

Model	LKexv 1800
Volume (gross/net) (l)	180/160
Door	Full
Qualifying temperature	5 °C ± 3 °C
Adjustable temperature	+ 1 °C to + 15 °C
Noise level (dB)	47
Equipment	
Tablets	3 - (W x D) 440 x 420 mm
Dimensions	
Ext. dimensions L x W x H (mm)	600 x 600 x 860
Tank dimensions l x w x h (mm)	513 x 441 x 702
Weight (gross/net) (kg)	41 / 38
Part no.	671899
€	N/A -

NEW



Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage ø 38 mm for probes	N/A -

* This option allows for the installation of a ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

Performance series laboratory refrigerator + 5 °C ± 3 °C: explosion-proof tank

- Qualifiable temperature: 5 °C ± 3 °C
- Ventilated cooling
- Automatic defrost
- 7-Segment LED display with keys
- Thermoformed PS tank
- Visual and audible alarms
- Potential-free contact (NO/NC)
- Access port for temperature sensor 1 x ø 10 mm

Standard equipment:

+ Door with lock;
+ Supplied with a glass tablet;
+ Power supply 230 V - 50 Hz.

Model	SRFfg 3501	SRFfg 4001	SRFfg 5501
Volume (gross/net) (l)	344 / 261	394 / 298	558 / 441
Door	Full	Full	Full
Qualifying temperature	5 °C ± 3 °C	5 °C ± 3 °C	5 °C ± 3 °C
Adjustable temperature	+ 3 °C to + 16 °C	+ 3 °C to + 16 °C	+ 3 °C to + 16 °C
Consumption (kWh/24 h)	1.1	1.1	1.1
Noise level (dB)	48	48	48
Equipment			
Glass slides	4 - (W x D) 460 x 537 mm	4 - (W x D) 460 x 422 mm	4 - (W x D) 600 x 537 mm
Dimension			
External dimensions: L x W x H (mm)	597 x 654 x 1684	597 x 654 x 1884	747 x 769 x 1684
Tank dimensions l x w x h (mm)	460 x 537 x 1460	460 x 422 x 1660	600 x 537 x 1460
Weight (gross/net) (kg)	70 / 60	74 / 68	92 / 80
Part no.	671878	671879	671880
€	N/A -	N/A -	N/A -

NEW



671878

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage ø 38 mm for probes	N/A -

* This option allows for the installation of a ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

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Qualifiable laboratory refrigerator-freezers 5 °C ± 3 °C and - 20 °C ± 5 °C

Laboratory refrigerator-freezers

- Qualifiable models
- Temperature: +3°C to +16°C / -9°C to -30°C
- Dynamic cooling
- Refrigerator: automatic defrost
- Freezer: manual defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)
- Access port for temperature sensor 1 x Ø 10 mm

Standard equipment:

+ Door with lock;
+ Supplied with glass shelf and drawers;
+ Power supply 230 V - 50 Hz.

Model	SCFVH 4032	SCFVH 4002
Volume (gross/net) (l)	284 / 206	272 / 206
Freezer volume (gross/net) (l)	112 / 58	112 / 58
Door	1 glass door: refrigerator 1 solid door: freezer	2 solid doors
Qualifiable temperature/ Freezer temperature	5 °C ± 3 °C / - 20 ± 5 °C	5 °C ± 3 °C / - 20 ± 5 °C
Adjustable temperature / Adjustable freezer temperature	+3°C to +16°C / −9°C to −30°C	+3°C to +16°C / −9°C to −30°C
Consumption (kWh/24 h)	1.257	0.757
Noise level (dB)	48	48
Equipment		
Glass slide	4	4
Freezer drawers	3	3
Dimensions		
Ext. dimensions W x D x H (cm)	59.7 x 65.4 x 204.4	59.7 x 65.4 x 204.4
Weight (gross/net) (kg)	103 / 97	90 / 83
Part no.	671937	671938
€	N/A -	N/A -



NEW

671938

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage Ø 38 mm for probes	N/A -

* This option allows for the installation of a Ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

ATEX laboratory fridge/freezer

- Qualifiable model
- Secure tank
- Temperature: +3°C to +16°C / -9°C to -30°C
- Dynamic cooling
- Refrigerator: automatic defrost
- Freezer: manual defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)
- Access port for temperature sensor 1 x Ø 10 mm

Standard equipment:

+ Door with lock;
+ Supplied with glass shelf and drawers;
+ Power supply 230 V - 50 Hz.

Model	SCFFG 4002
Volume (gross/net) (l)	267 / 199
Freezer volume (gross/net) (l)	110 / 62
Door	2 solid doors
Qualifiable temperature/ Freezer temperature	5 °C ± 3 °C / - 20 ± 5 °C
Adjustable temperature / Adjustable freezer temperature	+3°C to +16°C / −9°C to −30°C
Consumption (kWh/24 h)	1.067
Noise level (dB)	52
Equipment	
Glass slide	4 glass plates 440 x 409
Freezer drawers	3
Dimensions	
Ext. dimensions W x D x H (cm)	59.7 x 65.4 x 204.4
Refrigerator dimensions w x d x h (cm) Freezer dimensions w x d x h (cm)	440 x 441 x 1105 433 x 433 x 597
Weight (gross/net) (kg)	83 / 89
Part no.	671953
€	N/A -



NEW

671953

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage Ø 38 mm for probes	N/A -

* This option allows for the installation of a Ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

Laboratory freezers with tank ABS -25 °C ± 5 °C

- Qualifiable temperature: -25 °C ± 5 °C
- Fan cooled or manual depending on model
- Freezer: automatic or manual defrosting
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)
- Access port for temperature sensor 1 x Ø 10 mm

Standard equipment:

+ Door with lock;
+ Supplied with glass shelves and drawers
+ Power supply 230 V - 50 Hz.

SG finish models - Performance Series:

+ -9 °C to -30 °C ; -25 °C ± 5 °C relative to the setpoint
+ Immediate alarm in the event of a power cut
+ Monochrome screen, touch-sensitive buttons

VH finishing models - Perfection Series:

+ -9 °C to -35 °C / -25 °C ± 4 °C relative to the setpoint value
+ Immediate battery alarm (12 hours) in case of power outage;
+ Integrated data logger;
+ USB interface for data logger reading;
+ 2.4" colour display, Touch & Swipe.

NEW



671875

Model	SFFSG 4001	SFFSG 5501	SFFVH4001	SFFVH 5501
Volume (gross/net) (l)	316/242	499/394	273/174	472/257
Door	Full	Full	Full	Full
Cold	Static	Static	Ventilated	Ventilated
Qualifying temperature	-25 °C ± 5 °C	-25 °C ± 5 °C	-25 °C ± 5 °C	-25 °C ± 5 °C
Adjustable temperature	-9°C to -30°C	-9°C to -30°C	-9°C to -35°C	-9°C to -35°C
Cold	Manual	Manual	Automatic	Automatic
Noise level (dB)	49	49		55
Equipment				
Drawers/ Shelves	Drawers or Shelves	Drawers or Shelves	Drawers	Drawers
Dimension				
External dimensions: L x W x H (mm)	597 x 654 x 1884	747 x 769 x 1684	597 x 654 x 1884	747 x 769 x 1793
Tank dimensions l x w x h (mm)	403 x 408 x 1588	588 x 523 x 1388	420/400/1400	603 x 510 x 1118
Weight (gross/net) (kg)	81 / 76	94 / 80	86/81 kg	114 / 104
Part no. with tablets	671875	671876	-	-
€	N/A -	N/A -	-	-
Part no. with drawers	671944	671943	671998	671877
€	N/A -	N/A -	N/A -	N/A -

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage Ø 38 mm for probes	N/A -

* This option allows for the installation of a Ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.



671877

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Laboratory freezers with stainless steel inner chamber -30 °C



671985

- Qualifiable incubator
- Temperature -25 °C ± 5 °C
- Cooling by forced air (ventilated)
- Automatic defrost
- Stainless steel tank
- Exterior epoxy body white
- Probe passage diameter 12 mm
- Tank passage diameter 38 mm for qualification
- Refrigerant R290
- Intensive use
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)
- Power supply 230 V - 50 Hz

Standard equipment:
+ Plastic-coated steel grids
+ Lock
+ Equipped with Ø100 mm castors, 2 of which have brakes

VH finish model:
+ Immediate battery-powered alarm (12 hours) in the event of a power outage
+ Integrated data recorder
+ USB interface for data recorder reading
+ 2.4" colour display, Touch & Swipe

VG finish model:
+ Immediate alarm in the event of a power cut
+ Monochrome screen, touch-sensitive buttons

Spacious freezers, secure storage:
SPACIOUS – QUALIFIABLE – ALARMS

Series	Perfection series			Performance Series		
Model	SFPVH 1402	SFPVH 8401	SFPVH 6501	SFPVG 1402	SFPVG 8401	SFPVG 6501
Volume (gross) (L)	1391	871	614	1391	871	614
Door	Full	Full	Full	Full	Full	Full
Temperature	-25 °C ± 5 °C			-25 °C ± 5 °C		
Adjustable temperature	from -9 °C to -30 °C			0 °C to +16 °C		
Noise level dB(A)	60			60		
	Equipment			Equipment		
Grids	8	4		8	4	
	Dimensions			Dimensions		
Ext. Dimensions W x D x H (mm)	1427 / 867/ 2135	787 / 1017/ 2135	697 / 867/ 2135	1427 / 867/ 2135	787 / 1017/ 2135	697 / 867/ 2135
Tank dimensions l x w x h (mm)	1210 / 638/ 1470	579 / 788/ 1470	489 / 638/ 1470	1210 / 638/ 1470	579 / 788/ 1470	489 / 638/ 1470
Gross / net weight (kg)	225 / 210	165 / 147	148 / 130	225 / 200	165 / 147	131 / 113
Part no.	671982	671983	671984	671985	671986	671987
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

MediLine laboratory freezers with explosion-proof chambers -25 °C ± 5 °C

- Secure tank
- Qualifiable temperature: -25 °C ± 5 °C
- Temperature: -9°C to -30°C
- Static cooling
- Temperature ± 5 °C deviation from the setpoint value
- Manual defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)

Standard equipment:

+ Door with lock;
+ Supplied with a glass plate or drawers;
+ Power supply 230 V - 50 Hz.

Model	SFFFG 4001	SFFFG 5501
Volume (gross/net) (l)	316/242	499/394
Door	Full	Full
Qualifying temperature	- 25 °C ± 5 °C	- 25 °C ± 5 °C
Adjustable temperature	- 9 °C up to - 30 °C	- 9 °C up to - 30 °C
Consumption (kWh/24 h)	1.1	-
Noise level (dB)	49	49
Equipment		
Types	Tablets or drawers	Tablets or drawers
Dimensions		
Ext. dimensions L x W x H (mm)	597 x 654 x 1884	747 x 769 x 1684
Tank dimensions l x w x h (mm)	403 x 402 x 1588	588 x 517 x 1388
Weight (gross/net) (kg)	82 / 76	100 / 95
Part no. with tablets	671873	671874
€	N/A -	N/A -
Part no. with drawers	671946	671945
€	N/A -	N/A -

NEW



671946

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage ø 38 mm for probes	N/A -

* This option allows for the installation of a ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

Built-in under-bench laboratory freezer MediLine with explosion-proof chamber -25 °C ± 5 °C

- Secure tank
- Qualifiable temperature: -25 °C ± 5 °C
- Temperature: -9°C to -30°C
- Static cooling
- Temperature ± 5 °C deviation from the setpoint value
- Manual defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)

Standard equipment:

+ Door with lock;
+ Supplied with a glass tablet;
+ Power supply 230 V - 50 Hz.

Model	LGUex 1500
Volume (gross/net) (l)	139/129
Door	Full
Qualifying temperature	-25 °C ± 5 °C
Adjustable temperature	-9°C to -30°C
Consumption (kWh/24 h)	0.926
Noise level (dB)	45
Equipment	
Drawers	3 drawers + 1 basket
Dimensions	
Ext. dimensions W x D x H (cm)	601 x 618 x 820
Dimensions L x W x H (cm)	440 x 435 x 670
Weight (gross/net) (kg)	41/38
Part no.	671898
€	N/A -



NEW

Option - Preparation for metrology monitoring

Part no.	Designation	€
671913	Lateral tank passage ø 38 mm for probes	N/A -

* This option allows for the installation of a ø 38 mm access port designed for the insertion of temperature measurement probes, for example, during equipment qualification.

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Professional refrigerated Cabinets

Professional refrigerators MediLine, under-bench built-in - height 83 cm





- Non-qualifying cabinets
- Temperature: +2 °C to + 15 °C
- Ventilated cooling
- Automatic defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening and temperature alarm

Standard equipment:

+ Grids;
+ Lock ;
+ Energy efficiency class C;
+ Power supply 230 V single phase - 50 Hz.

Model	FKUV 1610 solid door	FKUV 1613 glass door
	Features	
Gross / usable volume (l)	134 / 130	148 / 130
Temperature	+1 °C to +15 °C	+1 °C to +15 °C
Cooling	Ventilated	Ventilated
Defrosting	Automatic	Automatic
Power supply 230 V-50 Hz	100 W	100 W
Consumption (kWh/24 h)	0.62	0.97
Noise level (dB)	42	42
	Equipment	
Grids w x d (mm) / Number	478 x 425 / 3	478 x 425 / 3
	Dimensions	
Device H x W x D (mm)	830 x 600 x 615	830 x 600 x 615
Tank H x W x D (mm)	667 x 441 x 439	667 x 441 x 439
Gross/net weight (kg)	37/35	43/41
Part no.	670461	670462B
€	N/A -	N/A -

Professional refrigerated Cabinets MediLine



671897

- Non-qualifying cabinets
- Fan cooled temperature adjustable from +2 °C to +9 °C
- Refrigeration system with automatic defrosting and evaporation of condensate
- Thermoformed PS tank with rounded corners
- Door with lock and reversible opening direction
- LED lighting
- R-600a clean fluid

Standard equipment:

+ Grids;
+ Lock ;
+ Energy efficiency class C;
+ Power supply 230 V single phase - 50 Hz.

Model	MRFvc3501WX/ MRFvc3511WX	MRFvc4001WX/ RFvc4011WX	MRFvc5501WX/ MRFvc5511WX
Door	Solid door/ glass door	Solid door/ glass door	Solid door/ glass door
Gross/net Volume (l)	327/210	377/246	569/432
Temperature	+2 °C to +9 °C	+2 °C to +9 °C	+2 °C to +9 °C
Consumption per 24h (kWh)	102/146	108/156	106/147
Noise level (dB)	50	50	50
	Equipment		
Grids	4 grids w x d (mm): 470 x 423	5 grids w x d (mm): 470 x 423	4 grids w x d (mm): 620 x 539
	Dimensions / Weight		
Ext. dim. W x D x H (mm)	597 x 654 x 1684	597 x 654 x 1884	747 x 76.9 x 1684
Tank dimensions l x w x h (mm)	475 x 423 x 1459	475 x 423 x 165	625 x 539 x 1459
Weight (gross/net) (kg)	56	62	50
Part no.	671892	671893	671894	671895	671896	671897
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Professional refrigerated Cabinets

Professional refrigerators, Performance Series +1 °C to +15 °C, ventilated - intensive use

- Non-qualifying cabinets
- Temperature: +1 °C to 15 °C
- White or stainless steel exterior
- Ventilated cooling
- Automatic defrost
- Intensive use
- Door and temperature alarms
- Reversible door with lock and automatic return

Standard equipment:

+ Grids;
+ Lock ;
+ Energy efficiency class C;
+ Power supply 230 V single phase - 50 Hz.

Model	FRFVG 4001	FRFVG 5501	FRFVG 6501
Door type	White	White	White
Gross / usable volume (l)	420/289	517/419	655/479
Equipment	5 grids w x h : 498 x 442 mm	4 grids w x h : 650 x 530 mm	5 grids w x h : 650 x 530 mm
Part no.	671797	671790	671805
€	N/A -	N/A -	N/A -



671797



Professional refrigerators with stainless steel interior tank

- Non-qualifiable speakers
- Temperature: +1 °C to 15 °C
- Stainless steel exterior
- Ventilated cooling
- Automatic defrost
- Door and temperature alarms
- Door with lock and reversible opening direction
- Stainless steel tank with rounded corners and stamped rails equipped with adjustable levelling feet

Standard equipment:

+ Grids
+ Lock
+ Energy class B 1402 AND A 6501

Model	FRPSVG 1402	FRPSVG 6501
Features		
Door	2	1
Gross / usable volume (l)	1360/1096	597/486
Temperature	1 °C to +15 °C	1 °C to +15 °C
Cooling	vented	vented
Defrosting	automatic	automatic
Noise level dB(A)	60	60
Equipment		
Grids	6 plastic-coated wire grids	3 plastic-coated wire grids
Dimensions / Weight		
Device h x w x d (mm)	1427 x 867 x 2115	697 x 86.7 x 2115
Tank h x w x d (mm)	1239 x 650 x 1512	509 x 650 x 1512
Gross / net weight (kg)	210/187	139/114
Part no.	671955	671956
€	N/A -	N/A -



671956

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Professional refrigerator-freezer FCFvg 4002, 377 L

NEW



671954

- Unqualifiable model
- Ventilated cooling
- Refrigerator: automatic defrost
- Freezer: manual defrost
- Thermoformed PS tank
- R-600a clean fluid
- Door opening alarm
- High and low temperature alarm with adjustable thresholds
- Potential-free contact (NO/NC)

Standard equipment:

+ Door with lock;
+ Supplied with glass shelf and drawers;
+ Power supply 230 V - 50 Hz.

Model	FCFvg 4002
Volume (gross/net) (l)	267 / 187
Door	2
Qualifiable temperature/ Freezer temperature	-
Adjustable temperature / Adjustable freezer temperature	+1 °C to +15 °C / -9 °C to -26 °C
Cooling type	Ventilated (refrigerator), static (freezer)
Freezer defrosting	Manual
Consumption (kWh/24 h)	-
Noise level (dB)	48
Equipment	
Glass slide	-
Freezer drawers	-
Dimensions	
Ext. dimensions L x W x H (mm)	597 x 654 x2044
Weight (gross/net) (kg)	85 / 79
Part no.	671954
€	N/A -

Professional freezers

Professional freezers -10°C to -30°C static cooling

3 WARRANTY YEARS



671793

- Non-qualifying cabinets
- Temperature: -28°C to -14°C (except for GGU1500 x -26°C to -9°C)
- Static cooling
- Manual defrost
- ABS bowl
- R-600a clean fluid

Model	GGU 1500	FFFSG 4001	FFFSG 5501	FFFSG 6501
Volume (gross/ net) (l)	143/133	316/237	499/289	573/332
Equipment	3 drawers + 1 plastic-coated steel basket	5 grids w x h : 425 x 421 mm	4 grids w x h : 610 x 536 mm + 10 baskets	5 grids w x h : 610 x 536 mm + 12 baskets
Part no.	670474	671807	671793	671815
€	N/A -	N/A -	N/A -	N/A -

Professional freezers with stainless steel inner chamber -26 °C

- Non-qualifiable speakers
- Temperature: -9 °C to -26 °C
- Stainless steel exterior
- Ventilated cooling
- Automatic defrost
- Door and temperature alarms
- Door with lock and reversible opening direction
- Stainless steel tank with rounded corners and embossed slides equipped with leveling feet

Standard equipment:

+ Grids
+ Lock
+ Energy class B 1402 AND A 6501



Model	FFPSVG 1402	FFPSVG 6501
	Features	
Door	2	1
Gross volume (l)	1360	597
Adjustable temperature	-9 °C to -26 °C	-9 °C to -26 °C
Cooling	Indirect ventilation	Indirect ventilation
Condenser	Ventilated	Ventilated
Consumption kWh/24 h	5.5 kWh / 24 h	5.5 kWh / 24 h
Noise level (dB)	60	60
	Equipment	
Grids	6	3
	Dimensions / Weight	
Device h x w x d (mm)	697 x 867 x 2250	-
Gross / net weight (kg)	141 /123	-
Part no.	671957	671958
€	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Household refrigerators for break rooms or cafeterias

Under-counter built-in table-top refrigerators



NEW

- ABS bowl
- With or without a freezer compartment
- Storage on glass shelves and adapted door compartments
- Power supply 230 V - 50 Hz
- Recommended use: food application
- Storage of food

Standard equipment:

+ Glass tablets ;
+ transparent plastic door shelves ;
+ LED lighting ;
+ vegetable drawer tray.

Tip

Household model not suitable for use in break rooms or dining areas for the storage of food items.

Model	RE 1000	KTE 550	KTE 551
Features			
Usable volume (litres)	92	125	98
Temperature	+ 3 °C to + 9 °C	+ 3 °C to + 9 °C	+ 3 °C to + 9 °C
Consu. (kWh/24 h)	0.23	0.24	0.37
Noise level dB(A)	35	35	37
Energy class	E	E	E
Equipment			
Number of glass tablets	2	4	2
Freezing compartment with flap	-	-	1
Device dimensions			
h x w x d (cm)	55 x 60.7 x 68	55 x 60.7 x 85	50 x 60.7 x 85
Packaging			
Gross/net weight (kg)	31	31	31
Part no.	671952	671936	671947
€	N/A -	N/A -	N/A -

Household upright refrigerators for break rooms or canteens



NEW

- Recommended use: food application
- Storage of food
- ABS bowl
- Storage on glass shelves and adapted door compartments
- Ventilated cooling
- Power supply 230 V - 50 Hz

Standard equipment:

+ Glass tablets ;
+ transparent plastic door shelves ;
+ LED lighting ;
+ vegetable drawer tray.

Tip

Household model not suitable for use in break rooms or dining areas for the storage of food items.

Model	K 1450	RD 5000	RD 5220
Features			
Usable volume (litres)	298	348	399
Temperature	+2 °C to +9 °C	+2 °C to +9 °C	+2 °C to +9 °C
Cooling	Ventilated	Ventilated	Ventilated
Consu. (kWh/24 h)	0.24	0.25	0.26
Noise level dB(A)	37	37	35
Energy class	D	D	D
Equipment			
Glass tablets Vegetable drawer	6	7	7
Device dimensions			
h x w x d (cm)	-	59.7 x 67.5 x 165.5	59,7 x 67,5 x 185,5
Packaging			
Gross/net weight (kg)	-	59.9	65.5
Part no.	671951	671948	671949
€	N/A -	N/A -	N/A -

Appliance cabinets for break rooms or canteens

Household refrigerator-freezers, 330 l for break rooms or canteens

- Household models non-qualifiable for break rooms or dining areas for food storage
- Ventilated cooling +3°C/+8°C
- Ventilated no-frost cooling -25°C to -18°C
- Automatic defrost
- Steel body with anti-corrosion white epoxy treatment
- EasyClean bowl in food-grade PS with rounded corners
- Door with reversible opening direction
- Energy class D

Standard equipment:

+ LED lighting ;
+ refrigerator section equipped with a shelf and an organized door compartment ;
+ freezer section with drawers ;
+ 230V power supply (single phase).

Tip

The household models are not intended for laboratory use but are designed for a domestic environment such as break rooms, dining areas, etc.



Model	CND 1853	CND 2003
Usable volume	330	268
Cooling	Ventilated	Ventilated
Temperature	+3 °C to +8 °C -25 °C to -18 °C	
Defrosting	Yes	
Consu. (kWh/24 h)	0.55	0.55
Noise level (dB)	36	36
Equipment		
Glass tablets	4	5
Freezer drawers	3	3
Dimensions		
Ext. dim. W x D x H (mm)	597 x 675 x 1855	597 x 675 x 2015
Weight (kg)	77.5	77.5
Part no.	671543	671541
€	N/A -	N/A -

Household freezers for break rooms or canteens

- Table-top household upright freezers for break rooms or canteens
- Electronic regulation with LCD display and temperature alarm
- ABS bowl with rounded corners
- Manual defrost

Standard equipment:

+ Transparent drawer storage ;
+ power supply 230 V - 50 Hz.

NEW

Tip

The household models are not intended for laboratory use but are designed for a domestic environment such as break rooms, dining areas, etc.





Model	FE 1003	FTE 554	FD 1404
Features			
Usable volume (litres)	75	107	107
Temperature	-16 °C -28 °C	-16 °C -28 °C	-16 °C -28 °C
Defrosting	Manual	Manual	Manual
Consu. (kWh/24 h)	0.44	0.41	0.35
Noise level dB(A)	37	37	37
Energy class	E	E	D
Equipment			
Freezer drawers	3	4	4
Device dimensions			
Dim. h x w x d (mm)	-	550 x 607 x 850	550 x 607 x 850
Packaging			
Gross/net weight (kg)	-	36.4	35.5
Part no.	671940	671941	671942
€	N/A -	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Upright home freezers for break rooms or canteens



- Electronic control with touch-sensitive digital display and temperature alarm
- ABS bowl with rounded corners
- Energy class E

Standard equipment:

+ Transparent drawer storage ;
+ power supply 230 V - 50 Hz.

Model	FNE 5006	FNE 5207
	Features	
Usable volume (litres)	238	277
Temperature	-15°C -28°C	-15°C -28°C
Cooling	Ventilated	Nofrost
Defrosting	Automatic	Automatic
Consu. (kWh/24 h)	0.64	0.68
Noise level dB(A)	36	36
Energy class	E	E
	Equipment	
Freezer drawers	6	7
	Device dimensions	
Dim. h x w x d (mm)	597 x 675 x 1655	597 x 675 x 1855
	Packaging	
Gross/net weight (kg)	60.6	65.1
Part no.	671928	671929
€	N/A -	N/A -

Tip

Household model not suitable for use in break rooms or dining areas for the storage of food items.

Digital temperature monitoring and control solution

LIEBHERR





Simple and practical solution offering a high level of monitoring for samples stored in your chambers.

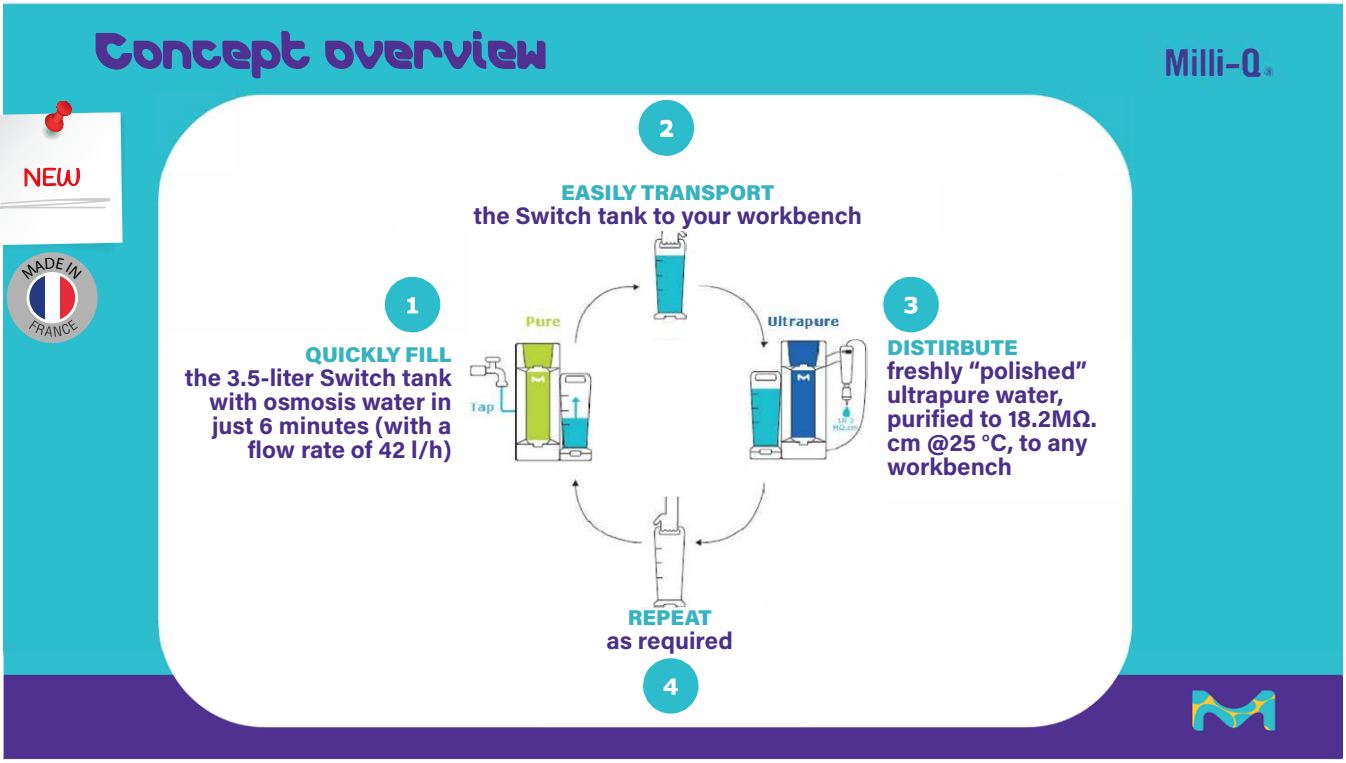
- Compatible with the LIEBHERR Perfection and Performance series
- For the Perfection series: the license must be ordered, the module is already installed in the Perfection series
- Performance Version: the smart module and the license must be ordered simultaneously
- Possible solutions for devices from other brands
- Alarms and notifications to warn of faults: sms emails or phone calls
- Compatible with a desktop computer, laptop, or tablet

Careful monitoring and recording of the temperature of your incubators

Part no.	Designation	€
672141	Smart monitor module for SRF, SFF models, performance series	N/A -
672139	36-month licence for smartmonitoring	N/A -
672140	Additional 36-month licence for sms on smartmonitoring	N/A -

Water production system pure and ultrapure Milli-Q® SQ 2 Series from tap water

Deliver ultrapure water treated at the benchtop, even without a nearby water source



- Ultra-Pure Water at 18.2 MΩ·cm guaranteed at each workstation
- Production of water from municipal water, with an optional pre-treatment unit to: remove chlorine, colloids, and particles from the water to protect the reverse osmosis membrane of the production facility
- The system adapts to the laboratory's configuration: production of osmosis water and ultra-pure water can be separated to be as close as possible to the user
- Production of osmotically processed water in the Switch tank in 6 minutes (up to 42l/h)
- Transparent switch tank for quick visual assessment of water level
- Recirculation of Ultrapure water through the UV photo-oxidation lamp and polishing cartridges
- Final filters to be selected as needed for additional requirements: SQPAK™ for particle and bacteria removal, SQPAK™ Bio for pyrogens, nucleases, proteases, and bacteria
- Adjustable ergonomic dispenser with a drip rate of 1.6 L/min
- Intuitive interface with essential information visible at a glance
- Intuitive setup for self-installation in 30 minutes

Feed water characteristics		
Pressure	2 to 3 Bar	1 to 6 Bar
Free chlorine	<0.5 ppm	<2 ppm
Conductivity	< 2000 µS/cm	
COT	<2 ppm	
	Connection without prefiltration module	Prefiltration module recommended

Quality of produced pure water	
Rejection of ionic species	≥ 97%
Rejection of organic and particulate species ≥ 200 Da	≥ 99%
Quality of produced Ultrapure water	
Distribution flow rate	1.6 L/min by drip
Resistivity	18.2 MΩ·cm
Particles >0.22µm	0
Bacteria	≤ 10 CFU/L (typically ≤ 1 CFU/L)
With final filter BIO FINAL SQPAK	
Bacteria	≤ 10 CFU/L (typically ≤ 1 CFU/L)
Endotoxins	< 0.001 EU/mL
RNases	below the detection limit of < 1 pg/mL
DNases	below the detection limit of < 5 pg/mL
Proteases	below the detection limit of < 0.15 µg/ml

Pure water production modules

- Switch tank filling in 6 minutes
- The quality of the osmosis water is maintained by the automatic rinsing of the reverse osmosis membrane before filling the tank and when the system is inactive
- The pure water recovery loop saves 50% of the discharged water.
- Complete kits with cartridge, power cable, and remote installation



Model	Milli-Q® SR 240	Milli-Q® SR 240 L	Milli-Q® SR 240 XL
Type of feed water	Municipal water		
Production rate	42 litres/h		
Switch tank 3.5 Litres	1	2	1
50-litre tank	0	0	1
Part no. complete kit	452679	452680	452681
€	N/A -	N/A -	N/A -

Water production system pure and ultrapure Milli-Q® SQ 2 Series from tap water

Pure and ultra pure water production modules



Milli-Q® SQ 240



Milli-Q® SQ 240 L



Milli-Q® SQ 240 XL



Milli-Q® SQ 240 C



Milli-Q® SQ 240 CV

- Combined production of Pure and Ultra Pure water from municipal water
- Ultra pure water is automatically recirculated through the UV photo-oxidation lamp and polishing cartridges.
- Possibility of enhancing capacity with additional standalone ultra pure water distribution modules
- Milli-Q® SQ 240CV: combined configuration with predetermined volume for repetitive dispensing
- Milli-Q® SQ C: configuration for a pressurised purified water loop
- Complete kits with SQPAK™ pure water cartridges, Quanta Ultrapure water, SQPAK™ final filter, power cable, and remote installation support

Model	Milli-Q® SQ 240	Milli-Q® SQ 240 L	Milli-Q® SQ 240 XL	Milli-Q® SQ 240 C	Milli-Q® SQ 240 CV
Type of feed water	Municipal water				
Switch tank 3.5 Litres	1	3	2	1	1
50-litre tank	0	0	1	0	0
Part no. complete kit	452672	452673	452674	452675	452676
€	N/A -	N/A -	N/A -	N/A -	N/A -

Ultra pure water production modules



Milli-Q® SQ 200



Milli-Q® SQ 200P

- Ultra Pure water production from purified water
- Supplied with SQPAK™ Quanta cartridge, SQPAK™ final filter, power cable, and installation guide
- Optional SQPAK™ TOC Quanta Cartridge for applications sensitive to organic compounds (Reduces TOC ≤ 5 ppb), part no. 452685
- As an option to eliminate pyrogens, nucleases, proteases, and bacteria, the BIO FINAL SQPAK final filter, part no. 452686

Model	Milli-Q® SQ 200	Milli-Q® SQ 200P
Type of feed water	Purified water	Pressurised purified water loop
Production rate	10 litres/day	
Switch tank 3.5 Litres	1	0
Part no. complete kit	452678	452677
€	N/A -	N/A -

Extended warranties

Part no.	Extended warranties	€/ box
452665	3 YEARS MILLI-Q SR 240	N/A -
452671	3 YEARS MILLI-Q SR 240L	N/A -
452667	3 YEARS MILLI-Q SR 240XL	N/A -
452666	3 YEARS MILLI-Q SQ 200	N/A -
452668	3 YEARS MILLI-Q SQ 240C	N/A -
452669	3 YEARS MILLI-Q SQ 240CV	N/A -
452670	3 YEARS MILLI-Q SQ 200P	N/A -

Accessories for Milli-Q® SQ 2 Series



452682 542688 542693 542694 542685 542695 542686

Part no.	Extended warranties	€/ box
452682	Complete prefiltration module MILLI-Q SP 240	N/A -
452688	SQPAK™ GARD replacement cartridge for MILLI-Q SP 240 prefiltration module	N/A -
452693	Pure water cartridge SQPAK	N/A -
452685	Final filtration cartridge for ultrapure water SQPAK™ TOC QUANTA	N/A -
452694	Ultrapure water cartridge SQPAK™ QUANTA	N/A -
452695	Final filter for ultra pure water SQPAK for the removal of bacteria and particles >0.22µM	N/A -
452686	Final filter for ultra pure water BIO FINAL SQPAK	N/A -
452683	Manual distribution valve for pure water from the 3.5 or 50-litre reservoir	N/A -
452684	Water leak detector for MILLI-Q	N/A -
452662	3.5L Tank MILLI-Q SQ SWITCH	N/A -
452663	50L Tank MILLI-Q SQ XL	N/A -

Upright freezer -86 °C Frostless PHCBI

The FrostLess -86 °C upright freezers MDF-DU500ZH-PE and MDF-DU700ZH-PE, featuring reduced frost accumulation on the inner doors, provide optimal sample storage capacity in a space-efficient volume. They incorporate natural refrigerants to reduce energy consumption, environmental impact, and costs.



- Two different capacities: 525L and 725L
- New improved thermal insulation, new designs of:
  - interior doors
  - insulating trim
  - door frame seal
- Reduced manual defrost maintenance
- Reduction of energy consumption

Model	MDF-DU500ZH-PE	MDF-DU700ZH-PE
Features		
Volume (l)	525	725
Screen	Tactile LCD	Tactile LCD
Temperature	-86 °C	-86 °C
Refrigerator	Natural	Natural
Insulation	Enhancement of insulation and door seal	Enhancement of insulation and door seal
Equipment		
Internal doors	2	2
Compartments	2	2
External device dimensions		
Dim. h x w x d (mm)	790 × 882 × 1993	1030 × 882 × 1993
Packaging		
Gross/net weight (kg)	248	282
Part no.	**299650**	**299652**
€	**N/A -**	**N/A -**

Reduction of frost accumulation, economical and environmentally friendly

Automated Cell Counter LUNA-BX7

For automatic cell counting and viability measurement for a fast workflow.
It is used with slides of varying formats ranging from 1 chamber to 8 counting chambers.

- Counting of cells ranging from 1 to 90 µm, with optimal counting between 3 and 6 µm
- White light counting with or without dye: trypan blue or erythrosine B
- Autofocus and manual focus
- Touchscreen control panel
- Used with specific counting chambers: blades with 1 counting chamber, 3 counting chambers, or 8 counting chambers
- Internal storage capacity 250GB
- Data retrieval format PDF, CSV, TIFF
- USB port, Wi-Fi and Ethernet
- Optional printer



Model	LUNA-BX7	LUNA-BX7 with software specific to bioprocesses/ QI/QO protocol
Cell size	1 - 90 µm	
Concentration	1 x 10^4 - 5 x 10^7 cells/ml (Optimal: 5 x 10^4 - 2 x 10^7 cells/ml)	
Detection method	White light	
Counting channels	Up to 8	
Storage capacity	250GB	1TB
Weight (kg)	6.1	
Part no.	**596600**	**596601**
€	**N/A -**	**N/A -**

Accessories

Part no.	Designation	€
596551	Trypan blue 0.4%	**N/A -**
596557	Thermal printer for Luna-fx7	**N/A -**
596558	Printer paper and ribbon for Luna-fx7	**N/A -**
596561	Calibration bead for Luna-fx7	**N/A -**

Counting slides

Part no.	Designation	€
596541	8-chamber counting slide for Luna fx-7 Luna x 50	**N/A -**
596542	8-chamber counting slide for Luna fx-7 Luna x 500	**N/A -**
596543	Counting slide gamma-irradiated 8-chamber for Luna fx-7 x 500	**N/A -**
596544	1-chamber counting slide for Luna fx-7 Luna x 50	**N/A -**
596545	1-chamber counting slide for Luna fx-7 Luna x 500	**N/A -**
596546	1-chamber counting slide gamma-irradiated for Luna fx-7 x 500	**N/A -**
596547	3-chamber counting slide for Luna fx-7 x 50	**N/A -**
596548	3-chamber counting slide for Luna fx-7 x 500	**N/A -**
596549	Counting slide gamma-irradiated 3-chamber for Luna fx-7 x 500	**N/A -**

Ice machines

With reserve - grain ice.

- Recirculating water spray system
- Air-cooled condenser (A) or water-cooled condenser (W)
- R-290 refrigeration system
- Quick-opening insulated gate
- Dust filter to prevent clogging of the condenser
- Probe for automatic production shutdown
- Overflow tube for water drainage
- Raised suction strainer can be easily removed for cleaning
- Generously dimensioned water pump with stainless steel bearings and ceramic seals
- Tropicalised +43 °C
- 18/8 stainless steel body
- Reserve fully insulated with injected polyurethane
- ABS food tank
- Hygienic tinned copper bucket
- Tin-plated brass manifold and injectors to prevent electrostatic charges causing limescale deposits

Standard equipment:

+ Water supply hose, l = 1.5 m
+ Evacuation hose l = 1.5 m
+ Ice scoop



Model	GB 601 A-HCX	GB 601 W-HCX	GB 902 A-HCX	GB 902 W-HCX	GB 903 A-HCX	GB 903 W-HCX	GB 1540 A-HCX	GB 1540 W- HCX	GB 1555 A-HCX
Features									
Condenser cooling	Air	Water	Air	Water	Air	Water	Air	Water	Air
Production in 24 h* (kg)	67	67	105	105	105	105	153	153	153
Capacity / reserve	10	10	20	20	30	30	40	40	55
Type of ice	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Power (Watt)	400	400	470	470	470	470	700	700	700
Electricity consumption 230V-50Hz (KWh/h)	-	-	0.5	0.5	0.5	0.5	0.6	0.6	0.6
Cooling fluid	R-290	R-290	R-290	R-290	R-290	R-290	R-290	R-290	R-290
Legs height (mm)	-	-	110/150	110/150	110/150	110/150	110/150	110/150	110/150
Water consumption (l/kg)	1	5.3	1	6.3	1	6.3	1	6.4	1
Dimensions									
Width (mm)	450	450	500	500	500	500	738	738	738
Depth (mm)	620	620	660	660	660	660	690	690	690
Height (mm)	680	680	690	690	800	800	920	920	1020
Packaged dimensions									
Width (mm)	505	505	550	550	550	550	780	780	780
Depth (mm)	675	675	720	720	720	720	735	735	735
Height (mm)	850	850	880	880	999	999	1085	1085	1185
Net/gross weight (kg)	56/64	56/64	59/67	59/67	67/76	67/76	85/95	85/95	94/105
Part no.	670600C	670601B	670345C	670346B	670347C	670348B	670349C	670350B	670351C
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* For air/water temperature 21/15 °C.

Accessories

Part no.	Designation	€
670353B	Complete anti-scale system with 1 cartridge	N/A -
670354	Kit of 2 spare cartridges	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Trionyx recirculating air chemical fume hoods

TRIONYX



- Complies with NF X 15- 211 norms
- Filtralarme 5 touch screen interface
- Walls and glass in transparent PMMA
- Automatic airflow control
- Cable ducts on the walls
- Supplied without filters, to be completed with filters of your choice
- 3 configurations to choose from:
- 1 chemical filter (1C)
- 2 chemical filters (2C)
- 1 HEPA filter and 2 chemical filters (H2C)

Tip
Find the support furniture at Dutscher.com

Model	H061D+	H061Z+	H091D+	H092D+	H092Z+	H122D+	H122Z+
Int. dim. W x D x H (mm)	545 x 505 x 735			845 x 700 x 935		1145 x 700 x 935	
Nb. engine columns	1			2			
Type of opening	2 hands	Trapezium	2 hands	2 hands	Trapezium	2 hands	Trapezium
Ext. dim. (L x W x H) (mm)	600 x 650 x 950			900 x 750 x 1160			1200 x 750 x 1160
Weight (kg)	23						
Part no. 1C	960593	960597	960601	960605	960609	960617	960621
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. 2C	960594	960598	960602	960606	960610	960618	960622
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. H2C	-	-	-	960608	960612	960620	960624
€	-	-	-	N/A -	N/A -	N/A -	N/A -

Worktop

Melamine worktop with spill containment basin	060467	060490	060491
	N/A -	N/A -	N/A -
Glass worktop with containment basin	060475	060493	060494
	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
960664	Saturation detector for organic vapours *	N/A -
960662	Saturation detector for corrosive vapours *	N/A -
960663	Saturation detector for formaldehyde vapours *	N/A -
960661	Saturation detector for ammonia vapours *	N/A -
060478	Integrated exterior light	N/A -

* Mandatory for a class 1 fume hood.

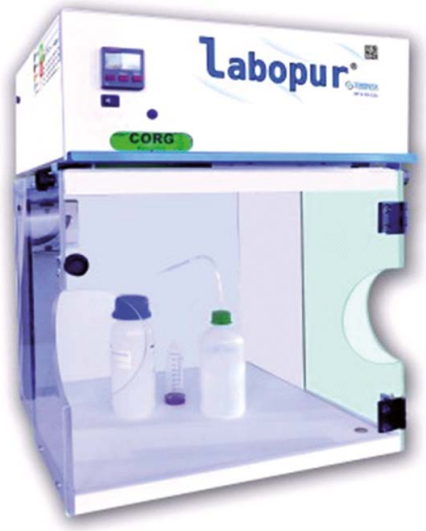
Activated carbon filters

Part no.	Designation	€
060374	HEPA H14 filter for powder handling *	N/A -
060373	Hepa filter support *	N/A -
060288	Activated carbon filter for organic vapours	N/A -
060168	Activated carbon filter for corrosive vapours	N/A -
960302	Activated carbon filter for formaldehyde vapours	N/A -
060477	Activated carbon filter for ammonia vapours	N/A -

* Hepa filter and associated support to be combined for use.

Mini air recirculation fume hood labopur Trionyx

TRIONYX



To handle chemicals safely: chemical vapours are extracted and purified as they pass through the activated carbon filter.

- In compliance with the NF X 15-211 standard
- Easily positioned on a laboratory bench
- Hour meter continuously indicating the total usage duration
- Side panels made of PMMA, and ergonomic hand ports
- Integrated containment tray allowing the recovery of liquids
- Extractor hood delivered assembled - filter to be added according to the products to be handled (questionnaire to be completed for filter selection)

Ext. dim. H x L x W (mm)	605 x 505 x 485
Int. dim. H x L x W (mm)	410 x 455 x 445
Average air velocity at the façade (m/s)	0.5
Air flow meter	Yes

Part no.	Designation	€
960396	Labopur air recirculation mini-hood	N/A -

Activated carbon filters

Part no.	Designation	€
060173	Organic filter for organic vapours	N/A -
060172	Multi-purpose filter for organic and corrosive vapours	N/A -
960325	Activated carbon filter for formaldehyde vapours	N/A -

Chemical filtration hoods Captair Smart

- Customised, flexible, and adaptable solution in response to evolving needs
- Low energy consumption
- Detection of HEPA and ULPA filter clogging
- eGuard application for PC, smartphone, and tablets, enabling real-time access to parameters, history, and the reception of security alerts
- Compliant with AFNOR NF X15 211 standards, class 1 or 2 depending on configuration, EN1822: 1998

Numerous options:

+ Molécode filter saturation detector
+ Transparent rear panel
+ Glass, stainless steel, or resin worktop Trespa Top Lab Plus resin
+ Fixed or mobile support furniture

Tip

Part numbers provided as an example, **delivered without filters or options** and cannot be ordered alone, without assembly or installation.

Contact our sales managers for a customised setup, subject to validation of the Valiquest questionnaire*



Captair Smart 391 hood

Model	321	391	481	392	483	633	714
Brightness (lux)	> 650						
Air flow rate (m³/h)	220			440	660		880
Air velocity at the facade (m/s)	From 0.4 to 0.6						
Nb. Engine columns	1			2	3		4
Type of opening	Sequential			Reverso			
Dim. External (l x w x h*) (mm)	780 x 620 x 1110/1285	1005 x 620 x 1110/1285	1260 x 620 x 1110/1285	1005 x 749 x1340/1515	1280 x 749 x 1340/1515	1604 x 749 x 1340/1515	1805 x 749 x 1340/1515
Part no. for 1 chemical filter enamelled glass worktop	271978	271979	271980	271981	271982	271983	271984
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. for 1 chemical filter stainless steel worktop	271985	271986	271987	271988	271989	271990	271991
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. for 1 chemical filter Trespa Top Lab worktop	271992	271993	271994	271936	271995	271996	271997
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Variable height depending on filter configuration

Accuro Pump for gas detection tubes

- One-handed operation
- Each press draws in a calibrated dose of 100 ml of sample
- End-of-cicle indicator
- Automatic pulse counter
- Suitable for use with Dräger colorimetric tubes

Part no.	Designation	€
672500	Complete Accuro pump kit: - pump ; - tube cutter ; - nylon carrying case ; - spare parts bag.	N/A -
672501	Pump only + tube cutter	N/A -

672501



Accessories

Part no.	Designation	€
672502	Empty hard carrying case	N/A -
672503	Pocket book "Reagent Tubes & CMS"	N/A -
672505	1 m extension hose with simultaneous test adapter	N/A -
672506	Extension hose 3 m	N/A -
672510	Reagent tube heater *	N/A -

* For the use of Dräger tubes under the prescribed temperature limit.

Tip

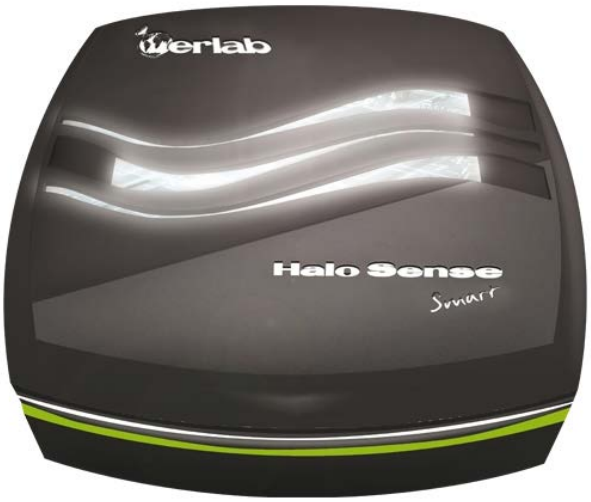
Find the detection tubes associated with this pump on Dutscher.com



Dosimeter tubes

Prices are indicative and excluding tax. Visit Dutscher.com

Air pollution sensor Erlab Halo Sense



Real-time monitoring of air quality in the laboratory.

- ABS case
- Communication via LED light pulses
- eGuard application for remote monitoring via smartphone, tablet, or PC
- Compatible with Building Management Systems (BMS)

Detected molecules	COV	Formaldehyde	Acids
Detection cell	Semiconductor	Electrochemical	
Sensitivity levels	5	3	
Coverage m²	14 to 40		
Dimensions (L x W x H) (mm)	181 x 181 x 67		
Weight (kg)	1		
Part no.	271960	271961	271962
€	N/A -	N/A -	N/A -

Replacement cell

Detected molecules	COV	Formaldehyde	Acids
Part no.	272059	272061	272060
€	N/A -	N/A -	N/A -

ClearLine® DNA and PCR workstations

- UV chamber with bactericidal UV lamps of wavelength 254 nm
- Models with glass or plexiglass walls
- Digital timer
- Internal lighting: white light (15 W lamp)
- Passage through the chamber for external connection

- Ideal for safe sample preparation:
  - UV radiation disinfects the inner surface, deactivating any DNA/RNA, in 15-30 min
  - automatic shut-off of radiation when the door is opened
  - bactericidal chamber decontamination system, by cleaning-air circulation
  - ozone-free radiation



New products page

Model	Plexiglas	Glass	Glass 1200 mm
UV radiation			
Wavelength (nm)	253.7		
UV lamp	1 x 25 W		2 x 30 W
UV intensity	15 mV/cm²/s		
UV recirculator (efficiency ' 99% / h)	1 x 25 W		1 x 30 W
Walls			
Material	Plexiglas	Glass	Glass
Lateral thickness (mm)	4		
Front thickness (mm)	8		
Screen thickness (mm)	8	4	5
Optical transmission	92 %	95 %	
UV protection	› 99.9 %	› 96 %	
Other information			
Ext. dim. (mm) L x W x H	690 x 535 x 555		1245 x 585 x 585
Working area (mm)	650 x 475		1200 x 520
Net weight (kg)	23	31	58
Gross weight (kg)	33	39	68.5
Power consumption	253 W ; 1.2 A		320 VA (1.4 A)
Part no.	490005	490005B	712247
€	N/A -	N/A -	N/A -

Vertical laminar flow PCR hoods

Optimum safety

- Compliance with ISO 14644-1 Class 4 standard
- Manufacturing control for each device of all critical points with report
- Vertical laminar flow of clean air to ensure the protection of samples
- Upstream pre-filter to optimise the life of the absolute filter
- Automatic regulation and malfunction alarms (except SCR-2A)

Unmatched ergonomics

- Control panel with display screen (except SCR-2A)
- Stainless steel worktop with rounded front edge for enhanced forearm comfort
- Internal illumination of the independent working volume
- Cable routing on the rear of the workstation
- Lateral face in Securit glass, removable polycarbonate front along the height

High performance

- HEPA filters without separator, with efficiency from 0.3 µm
- High-power UV tube for the destruction of DNA or RNA fragments
- Exterior coating with ISOCIDE antimicrobial treatment (except SCR-2A)
- External rotor motor fan, more robust and more efficient

Maintenance and easy cleaning

- Stainless steel containment edge on the worktop
- Easy accessibility to the workspace



PCR-3A / PCR-4A

Model	SCR-2A	PCR-3A	PCR-4A
Ext. L x H x D (mm)	730 x 950 x 617	1035 x 950 x 617	1340 x 950 x 617
Int. W x H x D: (mm)	630 x 550 x 538	935 x 550 x 538	1240 x 550 x 538
Packaged weight (kg)	97	123	140
Power (W)	200	160	230
Brightness (lux)	800	975	1230
Noise level (dB)	< 61	< 53	< 62
Part no.	486073	486074	486075
€	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
486301	Adjustable support 864 mm for PSM 60 cm	N/A -
486297	Adjustable support 864 mm for PSM 90 cm	N/A -
486298	Adjustable support 864 mm for PSM 120 cm	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Vertical and Horizontal Laminar Flow Hoods



Safety
- Horizontal or vertical laminar flow of clean air to ensure sample protection
- Equipped with HEPA filters, compliant with ISO Class 3
- Automatic control with malfunction alarms
- Stability and self-compensation of the flow

Ergonomics
- Ergonomic LCD display panel centred and tilted for quick viewing and research
- Stainless steel worktop with containment edge and curved edge for improved forearm comfort
- Highly economical: new low-consumption engine with integrated standby mode
- Tempered glass side panels
- Sound level 55.8 dBa (52.4 dBa Model 120 cm)

Easy maintenance
- Facilitated cleaning: stainless steel work surface and curved edge
- Easy access to the work area
- Antimicrobial isocide coating

The hoods are equipped with: 2 electrical sockets, an UV lamp and the closure panel

SUSTAINABLE NOTE

The extraction hoods are equipped with a new generation of motors that are less energy-intensive, featuring reduced consumption and noise levels.

Horizontal laminar flow hoods

Model	LHG-3AG-F8	LHG-4AG-F8	LHG-5AG-F8	LHG-6AG-F8
Nominal size	0.9 m	1.2 m	1.5 m	1.8 m
Ext. L x H x D (mm)	1035 x 1118 x 788	1340 x 1118 x 788	1645 x 1118 x 788	1955 x 1118 x 788
Int. W x H x D: (mm)	898 x 573 x 631	1203 x 573 x 631	1508 x 573 x 631	1813 x 573 x 631
Net/gross weight (kg)	100 / 132	145 / 200	167 / 224	212 / 277
Power (W)	140	171	211	249
Illumination (lux)	1045	1139	984	1221
Noise level (dB)	53.2	55.8	58.4	60
Part no.	486329	486330	486331	486332
€	N/A -	N/A -	N/A -	N/A -

Vertical laminar flow hoods

Model	LVG-3AG-F8	LVG-4AG-F8	LVG-5AG-F8	LVG-6AG-F8
Nominal size	0.9 m	1.2 m	1.5 m	1.8 m
Ext. L x H x D (mm)	1035 x 1270 x 784	1340 x 1270 x 784	1645 x 1270 x 784	1950 x 1270 x 784
Int. W x H x D: (mm)	965 x 689 x 739	1270 x 689 x 739	1575 x 689 x 739	1880 x 689 x 739
Net/gross weight (kg)	135/167	158/202	199/256	208/273
Power (W)	129	151	199	258
Illumination (lux)	980	904	894	1062
Noise level (dB)	51.6	52.4	55.6	57.6
Part no.	486325	486326	486327	486328
€	N/A -	N/A -	N/A -	N/A -

Packs

Part no.	Designation	€
486299	Horizontal laminar flow hood pack 1.2m LHG-4AG, 2 sockets, UV lamp, closure panel and stand	N/A -
486300	Vertical laminar flow hood pack 1.2m LVG-4AG, 2 sockets, UV lamp, closure panel and stand	N/A -

AIRSTREAM LHG or LVG Packs 1.2 m with support – Our all-in-one solution!

Accessories

Part no.	Designation	€
486100	Support height 86 cm for hoods LVG or LHG 90 cm	N/A -
486101	Support height 86 cm for hoods LVG or LHG 120 cm	N/A -
486102	Support height 86 cm for hoods LVG or LHG 150 cm	N/A -
486103	Support height 86 cm for hoods LVG or LHG 180 cm	N/A -

Microbiological safety station AIRSTREAM Gen3 Classic

Optimum safety
- Station compliant with EN 12469 standard
- Automatic regulation and malfunction alarm

Ergonomics
- Inclined front panel for ergonomic working posture
- Ouet arm rest full-length 304 stainless steel
- Frameless sliding front panel covering the full height
- Securit glass lateral panels
- Stainless steel worktop, sectional, removable, with a large working surface
- 19 cm work aperture

Performance
- H14 HEPA filters with efficiency from 0.3 µm
- External coating with ISOCIDE antimicrobial treatment
- Work chamber made entirely of thick 304L stainless steel
- External rotor fan motor, low energy consumption and more efficient
- Start-up: 3 minutes

Easy maintenance
- Retention trough under the worktop
- Multi-piece work plan
- Perfectly rounded edges between the bottom and side walls, for easy cleaning

Complies with EN / AC2-3E8, AC2-4E8, AC2-6E8



The PSMs are equipped with 2 electrical sockets and a UV lamp

Model	AC2-3E8	AC2-4E8	AC2-6E8
L x W* x H ext. / int (mm)	1035 x 753 x 1400 / 915 x 580 x 660	1340 x 753 x 1400 / 1220 x 580 x 660	1950 x 753 x 1400 / 1830 x 753 x 660
Net/gross weight (kg)	173/214	230/285	346/428
Rated power (W)	131	160	283
Brightness (lux)	1279	1404	1384
Noise level (dB)	52	53.5	55.7
Part no.	486343	486344	486346
€	N/A -	N/A -	N/A -

Stands

	Adjustable height (71-86 cm)	
PSM length (cm)	Part no.	€
90	486245	N/A -
120	486230	N/A -
180	486244	N/A -

AIRSTREAM Packs - Our all-in-one solution!

Part no.	Designation	€
486077B	486077B pack: PSM 0.9 m (Part no. 486001) + 1 UV lamp (Part no. 486005) + 2 internal sockets (Part no. 486007) + adjustable stand 71 - 86 cm (486245)	N/A -
486078B	486078B pack: PSM 1.2 m (Part no. 486002) + 1 UV lamp (Part no. 486006) + 2 internal sockets (Part no. 486007) + adjustable stand 71 - 86 cm (486230)	N/A -

New products page

Microbiological safety cabinets AIRSTREAM PLUS

Optimum safety
- Models certified TüV NORD EN 12469
- Automatic regulation and malfunction alarm with dry contact for alarm reporting
- Dual economic engine ensuring continuous and stable control of flows

Ergonomics
- Motorised front window, stops at the operating position
- External armrest made of 304 stainless steel along the entire length
- Removable stainless steel worktop, featuring a large work surface and an inclined sub-surface for liquid containment
- Perfectly rounded edges between the bottom and side walls, for easy cleaning
- LED lighting
- Control panel with clear display of flows, window position
- Quiet operation and EC motors: reduction in noise and electrical consumption

Performance
- High-performance airflow sensor with real-time adjustment
- Exterior coating ISOCIDE antimicrobial

Certified by TÜV NORD, Germany for compliance with the DIN EN 12469 standard



PSMs are equipped with 2 electrical sockets and an UV lamp

Model	AC2-3E8-TU	AC2-4E8-TU	AC2-5E8-TU	AC2-6E8-TU
L x D x H ext. (mm)	1035 x 767 x 1400	1340 x 767 x 1400	1645 x 767 x 1400	1950 x 767 x 1400
L x D x H int. (mm)	915 x 580 x 654	1220 x 580 x 654	1525 x 580 x 654	1830 x 580 x 654
Depth without armrests (mm)	767			
Depth with armrest (mm)	823			
Net weight (kg)	191	236	293	351
Noise level (dB)	49.6	51.7	-	-
Brightness (lux)	1020	1562	1510	1450
Part no.	486339	486340	486341	486342
€	N/A -	N/A -	N/A -	N/A -

Accessories

	Supports - adjustable height (71-86 cm)	
PSM length (cm)	Part no.	€
90	486245	N/A -
120	486230	N/A -
150	486231	N/A -
180	486244	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Microbiological safety cabinets Labculture G4



Safety, ergonomics and energy efficiency

- Safety station equipped with 2 electrical outlets and a UV lamp

NEW

Optimum safety

- Models certified TüV NORD EN 12469
- Automatic regulation and malfunction alarm and dry contact for alarm reporting
- Dual economic engine ensuring continuous and stable control of flows

Ergonomics

- Motorised front window, stops at the operating position
- Piston-actuated sliding window for easy cleaning of the inner and upper sections
- Working opening 20 cm
- Inclined at 10 degrees
- Stainless steel external armrest across the entire frontal section
- Internal LED lighting adjustable intensity
- Touchscreen control panel

Performance

- Stainless steel undercounter sink facilitates cleaning
- Dual motor and flow sensor
- 1 cable gland on the right side

Model	LA2-3E8-EU G4	LA2-4E8-EU G4	LA2-5E8-EU G4	LA2-6E8-EU G4
L x D x H ext. (mm)	1035 x 858 x 1570	1340 x 858 x 1570	1645 x 858 x 1570	1950 x 858 x 1570
L x D x H int. (mm)	915 x 623 x 720	1220 x 623 x 720	1525 x 623 x 720	1830 x 623 x 720
Ext. depth without armrest (mm)	792	792	792	792
Net weight (kg)	300	330	370	460
Brightness (lux)	> 1000	> 1000	> 1000	> 1000
Noise level (dB)	54.8	55	57.5	58
Part no.	486379	486380	486381	486382
€	N/A -	N/A -	N/A -	N/A -
	Accessory			
Fixed-height rolling stand 71 cm	486574	486575	486576	486577
€	N/A -	N/A -	N/A -	N/A -

Microbiological safety cabinets Thermo Scientific MSC-Advantage

- Energy efficiency (energy consumption and heat output reduced by 60% compared to conventional systems)
- Usability and user-friendliness
- Optimised maintenance and exceptional reliability
- Posts certified in compliance with safety standards EN12469 and NF EN 12469
- Efficient cleaning: the front glass lowers to allow complete cleaning of its inner surface
- Ease of maintenance: all components, including HEPA filters, are accessible from the front to allow minimal work disruption during preventive maintenance and performance verification procedures
- Exceptional safety: the workstation consists of only smooth components, eliminating the risk of injuries during routine maintenance and servicing operations
- User-friendly controls: visible when seated, the control panel is within reach
- Ergonomic inclination of the front panel of the workstation
- Modular segmented worktop: made of stainless steel, it consists of 4 or 6 pieces with each element measuring 300 mm in width
- Comfortable armrest
- Multiple leg options: three different leg models available according to user needs
- Programmable UV lamp option: optimises decontamination and reduces bulb usage with a programmable timer
- Option kits for valves: for supply with combustible or non-combustible gas, vacuum, or water





Additional accessories:

+ The additional activated carbon filter at the outlet absorbs unpleasant odours.
+ The additional exhaust filter enhances the safety of the expelled air.
+ Direct or indirect connection ventilation systems enable the expulsion of air outside the building rather than within the laboratory itself.

Model	MSC 0.9	MSC 1.2	MSC 1.5	MSC 1.8
W x H* x D ext. (mm) with low base	1000 x 2200 x 798	1300 x 2200 x 798	1600 x 2200 x 798	1900 x 2200 x 798
L x H x D** int. (mm)	900 x 780 x 630	1200 x 780 x 630	1500 x 780 x 630	1800 x 780 x 630
Weight (kg)	170	200	230	280
Power	150 W	400 W	280 W	800 W
Luminance	› 1100 lux	› 1200 lux	› 1800 lux	› 1200 lux
Noise level (dB)	‹ 55 dB	‹ 55 dB	‹ 55 dB	‹ 57 dB

* H ext. without stand: 1520 mm
** D usable workspace: 465 mm

Part no.	Designation	€
228155B	MSC Advantage station 0.9, 230V, 50Hz, certified EN and NF	N/A -
023263B	MSC Advantage station 1.2, 230V, 50Hz, certified EN and NF	N/A -
228156	MSC Advantage station 1.5, 230V, 50Hz, EN certified	N/A -
023264	MSC Advantage station 1.8, 230V, 50HZ, EN certified	N/A -



Accessories

Part no.	Designation	€
023265	Seafloor pressure indicator	N/A -
023313	Stand for MSC-Advantage 0.9, h: 750 mm	N/A -
023266	Stand for MSC-Advantage 1.2, h: 750 mm	N/A -
228416	Stand for MSC-Advantage 1.5, h: 750 mm	N/A -
023267	Stand for MSC-Advantage 1.8, h: 750 mm	N/A -
023388	Adjustable stand for MSC-Advantage 0.9, h: 750 - 950 mm in 50 mm increments	N/A -
023268	Adjustable stand for MSC-Advantage 1.2, h: 750 - 950 mm in 50 mm increments	N/A -
228199	Adjustable stand for MSC-Advantage 1.5, h: 750 - 900 mm in 50 mm increments	N/A -
023269	Adjustable stand for MSC-Advantage 1.8, h: 750 - 950 mm in 50 mm increments	N/A -
023272	Casters for fixed base	N/A -
023273	Footrest for MSC-Advantage 1.2	N/A -
023274	Footrest for MSC-Advantage 1.8	N/A -
023275	Gas tap with long connection 3/8	N/A -
023276	Non-combustible gas tap long connection 3/8	N/A -
023277	Long vacuum tap 3/8 connection	N/A -
023278	Long water tap 3/8 connection	N/A -
023279	Suspension bar	N/A -
023292	UV lamp option, installed at client site	N/A -
023293	UV lamp option, factory equipped	N/A -
023295	Worktop module KAM 120	N/A -
023296	Worktop module KAM 180	N/A -
023297	Lowered modular worktop 120 cm KAML 120 stainless steel 316 L	N/A -
023298	Lowered modular workbench 180 cm KAML 180 stainless steel 316 L	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Microbiological safety cabinets Thermo Scientific HERASAFE 2025

NEW



Type II EN 12469 microbiological safety cabinets with innovative technologies to ensure optimum containment and energy efficiency.

Performance

- Controller: intuitive, user-friendly, and practical
- Two independent motors that constantly balance speeds to protect the operator and the samples
- Continuous monitoring of flow rate velocities to ensure optimal protection
- Electric window with 200 mm working position and battery backup
- Interior made of 316 stainless steel and glass walls

*Cross-beam UV

Energy-efficient

- Standby mode: reduces motor speed and energy consumption until activity resumes
- Eco-energy design generating less heat

Ergonomics

- Tilted 10°
- Standard armrests (optional ergonomic armrests with gel insert)
- Bright space with LED lighting
- Facilitated cleaning thanks to full access to the interior of the workstation: opening of the glass panel via a hinge system
- Equipped with 2 electrical outlets on the rear panel
- PSM available with or without UV lamp*

Internal size/width (m)	0.9	1.2	1.5	1.8
L x D x H ext. (mm)	1000 x 800 x 1536	1300 x 800 x 1536	1600 x 800 x 1536	1900 x 800 x 1536
L x D x H int. (mm)	900 x 465 x 780	1200 x 465 x 780	1500 x 465 x 780	1800 x 465 x 780
Work opening of the front glass	200	200	200	200
Noise level (dB)	57	57	57	57
Consumption (Wh)	133	153	217	251
Part no. without UV lamp	262341	262342	262343	262344
€	N/A -	N/A -	N/A -	N/A -
Part no. with UV lamp	262345	262346	262347	262348
€	N/A -	N/A -	N/A -	N/A -
Part no. without UV lamp NF certified	-	262342NF	-	-
€	-	N/A -	-	-
Part no. with UV lamp NF certified	-	262346NF	-	-
€	-	N/A -	-	-
Accessories				
Fixed height base	229081	229082	229083	229084
€	N/A -	N/A -	N/A -	N/A -
Height-adjstable base	229065	229066	229067	229068
€	N/A -	N/A -	N/A -	N/A -
Electric height-adjustable base	-	-	228064	228065
€	-	-	N/A -	N/A -
Footrest (for non-electric frame)	023317	023273	228196	023274
€	N/A -	N/A -	N/A -	N/A -
Castor wheels for base*	023272	023272	023272	023272
€	N/A -	N/A -	N/A -	N/A -
Ergonomic stainless steel armrest with gel insert x 2	262867	-	-	-
€	N/A -	-	-	-

Drying ovens for glassware ClearLine®

Drying ovens designed for the drying of glassware and small stainless steel instruments.

- Temperature range from 30°C to 80°C
- Double-glazed glass door
- Low energy consumption
- Digital temperature controller
- Digital timer 7-day/24-hour
- Internal chamber made of corrosion-resistant stainless steel
- Antimicrobial exterior paint for exterior surfaces
- Supplied with shelves

Cost-effective and efficient

NEW



Model	ECO FC1	ECO FC2	ECO LS	ECO SS
Capacity (l)	885	426	227	113
Temperature (°C)	Amb + 5 °C to 80 °C	Amb + 5 °C to 80 °C	Amb + 5 °C to 80 °C	Amb + 5 °C to 80 °C
Ventilation	Yes	Yes	No	No
Ext. Dimensions W x D x H (mm)	1168 x 790 x1870	660 x 710 x 1870	1000 x 550 x 845	765 x 455 x 775
Internal dimensions W x D x H (mm)	1030 x 590 x 1465	495 x 590 x 1465	860 x 495 x 525	625 x 375 x 450
Number of shelves	4	4	3	3
Power supply	220-240V AC 50Hz	220-240V AC 50Hz	220-240V AC 50Hz	220-240V AC 50Hz
Part no.	258426	258427	258428	258429
€	N/A -	N/A -	N/A -	N/A -
Accessories				
Part no. additional shelf	258430	258431	258432	258433
€	N/A -	N/A -	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Thermostatic chambers ST C SMART POL-EKO



- Different capacities: from 70 L to 1540 L
- SMART controller 4.3" touchscreen
- Operating temperature: from +3 to 40 °C / from +3 to +70 °C for versions with the 70 °C option
- Forced convection
- Exterior painted steel, interior stainless steel
- LED interior ceiling light
- Access port 30 mm to the left
- Door alarm
- Door with key lock
- Castors on the ST 1200 and ST 1450 capacities
- Class 1.0 protection as standard and optional class 3.3 protection
- LAN and USB port for data retrieval
- Delivered with grids

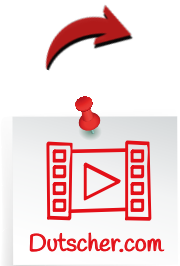
NEW

Model	ST 1 C SMART	ST 2 C SMART	ST 3 C SMART	ST 4 C SMART	ST 5 C SMART	ST 6 C SMART	ST 500 CM SMART	ST 700 CM SMART	ST 1200 CM SMART	ST 1450 CM SMART	ST 500 C SMART	ST 700 C SMART	ST 1200 C SMART	ST 1450 C SMART
Features														
Volume (l)	70	150	200	250	300	400	500	625	1365	1540	500	625	1365	1540
Ext. dim. W x D x H (mm):	550x660 x680	600x650 x900	600x650 x110	600x650 x1300	600x650 x1500	600x650 x1900	640x880x 1990	710x960 x1990	1460x960 x1990	1440x1060 x1940	640x880 x1990	710x960 x1990	1460x960 x1990	1440x1060 x1940
Door	1	1	1	1	1	1	1	1	2	2	1	1	2	2
Exterior	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy	White epoxy
Interior	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Number of grids std/max.	2/2	3/4	3/4	4/6	4/7	4/10	3/11	3/11	2x3/11	2x3/11	3/11	3/11	2x3/11	2x3/11
Maximum load grid/ total enclosure	10/20	10/30	10/40	10/50	10/60	10/60	20/100	30/150	30/300	30/300	20/100	30/150	30/300	30/300
Weight (kg)	37	54	61	69	75	9	105	121	185	200	105	121	185	200
Part no.	485686	485597	485598	485689	485129B	485691	485526B	485694	485704	485641	485526	485695	485696	485697
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Factory assembly options

T° up to + 70 °C	485110	485110	485110	485110	485110	485110	485110	485110	485110	485110	485110	485110	485110	485110
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Internal 230V power outlet	485002	485002	485002	485002	485002	485002	485002	485002	485002	485002	485002	485002	485002	485002
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Safety/overheat thermostat 3.3	485069	485069	485069	485069	485069	485069	485069	485069	485069	485069	485069	485069	485069	485069
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Day/night lighting*	485084B	**485085B** (4 LEDs) or **485086B** (6 LEDs)	485086B	485087B	485087B	-	-	-	-	-	485088B	485088B	485089B	485089B
€	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-	-	N/A -	N/A -	N/A -	N/A -
Option for external glass door**	-	485711	485712	485713	485714	485715	-	-	-	-	-	-	-	-
€	-	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-	-	-	-	-







Accessories

Additional stainless steel grid	485700	485701	485701	485701	485701	485701	485046B	485048B	485048B	485125	485046B	485048B	485048B	485125
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Perforated stainless steel shelf	485684	485524	485524	485524	485524	485524	485052B	485053B	485053B	485685B	485052B	485053B	485053B	485685B
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Base with castors	485063B	485064B	485065B	-	-	-	-	-	-	-	-	-	-	-
€	N/A -	N/A -	N/A -	-	-	-	-	-	-	-	-	-	-	-

* LED lighting elements (daylight) are arranged on the inner sides of the enclosure. ** Option not compatible with option 485110.
* The temperature range of the chamber with lighting on: +10°C to +50°C, with a temperature option up to 70°C.

Double incubator chambers

- The characteristics are identical to the models on the previous page
- For accessories and options, it is necessary to account for one option or accessory per enclosure
- Possible accessories: grids or shelves

NEW

Model	ST 1 C SMART	ST 2 C SMART	ST 3 C SMART
Features			
Volume (l)	70	150	200
Ext. dim. W x D x H (mm)	550 x 660 x 680	600 x 650 x 900	600 x 650 x 110
Door	1	1	1
Exterior	White epoxy	White epoxy	White epoxy
Interior	Stainless steel	Stainless steel	Stainless steel
Number of grids std/max.	2/2	3/4	3/4
Max. load grid/ total enclosure	10/20	10/30	10/40
Weight	37	54	61
Part no.	485698	485699	485523
€	N/A -	N/A -	N/A -
Factory assembly options			
T° up to + 70 °C	485110	485110	485110
€	N/A -	N/A -	N/A -
Internal 230V power outlet	485002	485002	485002
€	N/A -	N/A -	N/A -
Safety/overheat thermostat 3.3	485069	485069	485069
€	N/A -	N/A -	N/A -
Accessories			
Additional stainless steel grid	485700	485701	485701
€	N/A -	N/A -	N/A -
Perforated stainless steel shelf	485684	485524	485524
€	N/A -	N/A -	N/A -



Specialist tip

To disinfect incubators, sterile workbenches in cell culture, and molecular biology laboratories, we recommend our product part number 670931.



Incubator Clean
500 ml

Prices are indicative and excluding tax. Visit Dutscher.com

Microbiological incubators Heratherm Thermo Scientific



Model IMC18

- Minimum footprint for small workspaces
- Temperatures close to or below ambient temperature
- High thermal precision
- Interior lighting for easy observation of samples
- Incubation temperature possible from 17 to 40 °C with an allowable ambient temperature ranging between +18 °C and +32 °C
- Peltier with mechanical convection

Models IGS60, IGS100, IGS180, IGS400, and IGS750

- Natural convection with gentle airflow for minimal drying out
- Corrosion-resistant stainless steel chamber
- Intuitive interface for easy temperature setting
- Large, easy-to-read vacuum fluorescent display

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Models IMH60, IMH100, IMH180 (exterior with standard coating) and IMH60 SS, IMH100 SS, IMH180 SS (stainless steel exterior)

- Double convection for a wide range of applications: adjustable ventilation speed from 0 to 100%
- Advanced digital timer, daily or weekly on/off cycles
- Stainless steel interior that is easy to clean and resistant to corrosion
- Suitable for drying applications

Models IMH60-S, IMH100-S, IMH180-S, IMH400-S, and IMH750-S (exterior with standard coating) and IMH60-S SS, IMH100-S SS, IMH180-S SS (stainless steel exterior)

- Lockable door for restricted access
- Audible alert in the event of accidental door opening
- Automatic alert system for over-temperature and under-temperature conditions
- Maximum reduction of microbiological contamination at 140°C, comparable to sterilisation, during a six-hour cycle
- No need to autoclave the internal accessories
- Certification obtained from an accredited microbiology institute

	Compact	General Protocol					Advanced Protocol			Advanced Protocol Security				
Standard model	IMC18	IGS60	IGS100	IGS180	IGS400	IGS750	IMH60	IMH100	IMH180	IMH60-S	IMH100-S	IMH180-S	IMH400-S	IMH750-S
Stainless steel model	-	-	-	-	-	-	IMH60 SS	IMH100 SS	IMH180 SS	IMH60-S SS	IMH100-S SS	IMH180-S SS	-	-
Convection	Mechanical	Natural					Double			Double			Mechanical	
Temperature range	17 °C - 50 °C	Ambient temp. + 5 °C to 75 °C					Ambient temp. + 5 °C to 105 °C			Ambient temp. + 5 °C to 105 °C				
Homogeneity	± 1.2 °C	± 0.6 °C			NC	NC	± 0.6 °C ± 0.2 °C	± 0.6 °C ± 0.3 °C	± 0.6 °C ± 0.4 °C	± 0.6 °C ± 0.2 °C	± 0.6 °C ± 0.3 °C	± 0.6 °C ± 0.4 °C	NC	NC
Stability at 37 °C	± 0.2 °C	± 0.2 °C			0.5	1.3	± 0.1 °C			± 0.1 °C			NC	NC
Clutter (m²)	0.12	0.3	0.36	0.47	0.56	0.91	0.3	0.36	0.47	0.3	0.36	0.47	0.56	0.91
Volume (l)	18	75	117	194	405	747	66	104	178	66	104	178	381	702
Dim. (L x H x D) chamber (mm) Dim. (L x H x D) external (mm)	180 x 310 x 290 260 x 415 x 470	354 x 508 x 414 530 x 720 x 565	464 x 608 x 414 640 x 820 x 565	464 x 708 x 589 640 x 920 x 738	544 x 1307 x 569 778 x 1545 x 770	1004 x 1307 x 569 1261 x 1424 x 770	354 x 508 x 368 530 x 720 x 565	464 x 608 x 368 640 x 820 x 565	464 x 708 x 543 640 x 920 x 738	354 x 508 x 368 530 x 720 x 565	464 x 608 x 368 640 x 820 x 565	464 x 708 x 543 640 x 920 x 738	544 x 1335 x 524 778 x 1545 x 770	1004 x 1335 x 524 1261 x 1545 x 770
Number of Shelves supplied / max.	2 / 3	2 / 13	2 / 16	2 / 19	2/39	2/39	2 / 13	2 / 16	2 / 19	2 / 13	2 / 16	2 / 19	2/39	2/39
Max. charge / shelf (kg)	2	25			30	30	25			25			30	30
Power (W)	45	300	520	710	1200	1500	850	1100	1300	1390			1400	1600
Current (A)	0.45 - 0.85	1.3	2.3	3.1	5	6.5	3.7	4.8	5.7	6.1			6	7
Weight (kg)	7.2	40	51	65	145	201	45	56	70	45	56	70	144	206
Standard part no.	228000	228001	228002	228003	228325	228326	228004	228005	228006	228007	228008	228010	228327	228329
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. stainless steel	-	-	-	-	-	-	228011	228012	228013	228014	228015	228016	-	-
€	-	-	-	-	-	-	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-

Lowenstein platform for Heraeus incubator IGS100 - IGS180

- L x W x H (mm): 435 x 155 x 30
- To be placed on the perforated shelves provided with the devices
- 2 trays of 20 tubes each (total of 40 tubes) per shelf Incubators 100
- 3 trays of 20 tubes each (total of 60 tubes) per shelf Incubators 180

Part no.	Designation	€
228048	Set of 2 Lowenstein trays for 20 tubes of 150 mm	N/A -

Accessories

Part no.	Designation	€
228339	Perforated stainless steel shelf for IMH400-S and IGS400	N/A -
228340	Perforated stainless steel shelf for IMH750-S and IGS750	N/A -
228347	Rack for 60 Petri dishes 90 mm	N/A -
228348	Rack for 100 Petri dishes 90 mm	N/A -

Refrigerated Incubators Heratherm Thermo Scientific

- 2 capacities: 178 l and 381 l
- Peltier technology without refrigerant
- Temperature: +5 °C to +70 °C
- Dual temperature probes
- Overtemperature alarm
- Timer with programming (10 programs)
- Internal glass door
- Stainless steel chamber
- Reduced energy consumption
- Access port 42 mm - RS232 and dry contact as standard
- Supplied with 2 perforated trays



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Model	IMP 180	IMP 400
Volume (l)	178	381
Internal dim. (W x H x D) (mm)	464 x 708 x 543	544 x 1335 x 524
External dim. (W x H x D) (mm)	640 x 920 x 738	778 x 1545 x 770
Temperature	+ 5 to 70 °C	+ 5 to 70 °C
Number of delivered plates / max.	2/9	2/17
Exterior door	1	1
Internal glass door	1	1
Weight (kg)	84	167
Part no.	228735	228736
€	N/A -	N/A -
Part no. with internal socket	228737	228738
€	N/A -	N/A -



Accessories

For model	IMP 180	IMP 400
Additional perforated shelf	228450	228339
€	N/A -	N/A -
Grid	228444	228739
€	N/A -	N/A -
Shelf specific for Petri dishes 90 mm diameter	228457	-
€	N/A -	-
Shelf specific for Petri dishes 50 mm diameter	228456	-
€	N/A -	-
Castor-mounted support	228439	-
€	N/A -	-
Stacking kit for IMP 180	228433	-
€	N/A -	-


228450 / 228339

Options

For model	IMP 180	IMP 400
Access port diameter 22 mm centred on the left	262239	262239
€	N/A -	N/A -
Access port diameter 52 mm centred on the left	228303	228303
€	N/A -	N/A -
Access port diameter 22 mm centred on the right	228458	228458
€	N/A -	N/A -
Access port diameter 52 mm centred on the right	228307	228307
€	N/A -	N/A -


228458

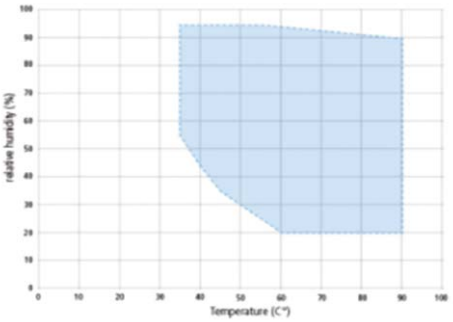
Prices are indicative and excluding tax. Visit Dutscher.com

Hygrometric climate chambers HCP



Model HCP150

- A controlled environment for accelerated lifetime testing and 85/85 testing
- For operation from ambient temperature +7 °C to 90 °C with humidity 20 to 95% RH
- Humidity regulation with a sterilizable capacitive probe
- Programmable temperature and humidity guidelines
- 4 different capabilities
- Exterior and interior stainless steel
- Minimized condensation and optimal temperature homogeneity thanks to the six internal heated surfaces, including the internal glass door
- Access port 40 mm on the rear face: left and centred
- Operation with distilled water
- Supplied with 1 or 2 perforated trays (depending on the models) and a water reservoir



Temperature-humidity working range HCP

Model	HCP50	HCP105	HCP150	HCP240
Capacity (l)	56	107	156	241
Internal dimensions l x w x h (mm)	400 x 330 x 425	560 x 400 x 480	560 x 400 x 700	600 x 500 x 810
Ext. Dimensions W x D x H (mm)	559 x 521 x 795	719 x 591 x 850	719 x 591 x 1070	759 x 691 x 1180
Temperature (°C) with humidity	Amb + 6 °C to 90 °C	Amb + 6 °C to 90 °C	Amb + 6 °C to 90 °C	Amb + 6 °C to 90 °C
Ajustable humidity (% RH)	20 - 95	20 - 95	20 - 95	20 - 95
Number of trays in standard / maximum	1/5	2/6	2/10	2/12
Maximum load per tray (kg)	15	15	15	15
Maximum load per device (kg)	75	90	120	140
Weight (kg)	55	75	90	110
Part no.	912401	912402	912403	912404
€	N/A -	N/A -	N/A -	N/A -

Accessories

Perforated stainless steel tray (standard model)	911954	911955	911955	-
€	N/A -	N/A -	N/A -	-
Stainless steel grid	-	911680	911680	912405
€	-	N/A -	N/A -	N/A -
Connection kit for domestic water network with filter cartridge	911982	911982	911982	911982
€	N/A -	N/A -	N/A -	N/A -
Connection kit for domestic demineralised water network without filter cartridge	911983	911983	911983	911983
€	N/A -	N/A -	N/A -	N/A -

Options

Access port 23 mm at left top center	912422	912422	912422	912422
€	N/A -	N/A -	N/A -	N/A -
Access port 23 mm at right top centre	912423	912423	912423	912423
€	N/A -	N/A -	N/A -	N/A -

Constant climate chambers HPP 110 / 260 / 750 / 1400

Constant climate chambers with Peltier effect, requiring no refrigerant and practically maintenance-free.
The regulation of temperature from +0 °C to +70 °C, as well as humidification and dehumidification from 19% to 90% RH, are perfectly suited to the requirements of pharmaceutical product stability tests (Q1A), raw material testing, environmental analyses, and materials testing in the industry.

- Two versions: standard models and performance models:
- Performance model: mandatory for lighting and dehumidification options and protocols integrating temperature reductions. Execute all routine applications near the temperature.
- Standard model: Execute standard routine applications close to temperature and consistently. (The lighting and dehumidification options are not feasible with these models.)

- Energy-efficient Peltier cooling/heating system
- Temperature without light, with humidity: +5 to +70°C *
- Equipped with an external stainless steel door and an internal glass door
- Stainless steel inner and outer casing
- Intuitive and user-friendly programmable control panel
- Active humidification and dehumidification with digital control from 10% to 90%
- 7 different capacities: from 110 l to 2200 l

- HPP 410 eco to HPP 2200 eco models on castors
- Chambers delivered with:
  - a calibration certificate at +10 °C and +37 °C and a point at 60% RH at +30 °C;
  - 2 racks;
  - a water reservoir, including connection hose (110-750: 2.5 litres, 1060-2200 : 10 litres)



HPP 750eco

* Working temperatures vary: with or without light, with or without humidity.

Model	HPP 110 eco	HPP 260 eco	HPP 410 eco	HPP 750 eco	HPP 1060 eco	HPP 1400 eco	HPP 2200 eco
Working temperature without light, with humidity: +5 to +70 °C	+5 °C (at least 20 °C below ambient temperature) to +70 °C	+5 °C (at least 20 °C below ambient temperature) to +70 °C	+5 °C (at least 20 °C below ambient temperature) to +70 °C	+5 °C (at least 20 °C below ambient temperature) to +70 °C	+5 °C (at least 20 °C below ambient temperature) to +70 °C	+5 °C (at least 20 °C below ambient temperature) to +70 °C	+5 °C (at least 20 °C below ambient temperature) to +70 °C
Working temperature with light, with humidity: +5 to +70 °C	+5 °C (at least 20 below ambient temperature) to +70 °C	+5 °C (at least 20 below ambient temperature) to +70 °C	+5 °C (at least 20 below ambient temperature) to +70 °C	+5 °C (at least 20 below ambient temperature) to +70 °C	+5 °C (at least 20 below ambient temperature) to +70 °C	+5 °C (at least 20 below ambient temperature) to +70 °C	+5 °C (at least 20 below ambient temperature) to +70 °C
Volume (l)	108	256	384	749	1060	1360	2140
Display resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Internal dimensions L x H x D (mm)	560 x 480 x 400 (P minus 32 mm for Peltier fan)	640 x 800 x 500 (P minus 32 mm for Peltier fan)	640 x 1200 x 500 (P minus 32 mm for Peltier fan)	1040 x 1200 x 600 (P minus 32 mm for Peltier fan)	1040 x 1200 x 850 (P minus 32 mm for Peltier fan)	1250 x 1450 x 750 (P minus 32 mm for Peltier fan)	1972 x 1450 x 750 (P minus 32 mm for Peltier fan)
External dimensions L x H x D (mm)	745 x 864 x 555 (P +56 mm excluding handle)	824 x 1183 x 655 (P +56 mm excluding handle)	824 x 1720 x 655 (P +56 mm excluding handle)	1224 x 1720 x 755 (P +56 mm excluding handle)	1224 x 1720 x 1005 (P +56 mm excluding handle)	1435 x 1913 x 905 (P +56 mm excluding handle)	2157 x 1913 x 905 (P +56 mm excluding handle)
Number of standard/maximum racks	2/5	2/9	2/14	2/14	2/14	4/28	6/42
Max load per rack (kg)	20	20	20	30	20	30	30
Max device load (kg)	150	200	200	200	200	250	330
Approx. weight of the device (kg)	77	122	130	208	260	450	493
Model part no. HPP Performance	914000	915200	915201	915202	914096	914116	914128
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Model part no. HPP Standard	-	915203	915204	915205	-	-	-
	-	N/A -	N/A -	N/A -	-	-	-

Accessories

Additional grid	914140	914141	914142	914143	914144	914145	914146
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Perforated plate	914152	914153	914154	914155	-	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-	-
Sliding collection tray with 15 mm edge	-	914159	914160	914161	914162	-	-
€	-	N/A -	N/A -	N/A -	N/A -	-	-
Lower collection tray with 15 mm edge	914164	914165	914166	914167	914168	914169	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-
Support 500 mm height	914228	914229	-	-	-	-	-
€	N/A -	N/A -	-	-	-	-	-
Support 560 mm height	914230	-	-	-	-	-	-
€	N/A -	-	-	-	-	-	-
Support 13 mm low	914231	914232	-	-	-	-	-
€	N/A -	N/A -	-	-	-	-	-
Access port 23 mm left centre	914005	914029	914053	914078	914098	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	-	-
Access port 23 mm upper left	914006	914030	914054	914079	914099	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-	-
Access port 23 mm straight centre	914007	914031	914055	914080	914100	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	-	-
Access port 23 mm top right	914008	914032	914056	914081	914101	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	-	-
LED light module t7 cold 6500 K	914001	914025	914049	914073	-	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-	-
LED light module t8, cool and warm 6500 K + 2700 K	914002	914026	914050	914074	-	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-	-
LED light module t9 warm 2700 K	914003	914027	914051	914076	-	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-	-

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Constant climate chambers KBF-S ECO



Peltier effect climatic chambers with constant conditions. Ideal for long-term or accelerated stability testing in accordance with ICH Q1A guidelines.

- 3 capacities: 240, 720 and 1020 litres
- Refrigerant-free climate chambers: energy-efficient and environmentally friendly
- Peltier effect cooling modules: cost-effective, efficient, and highly stable refrigeration for temperature maintenance
- Improved temperature range and cooling performance due to the efficiency of Peltier modules: between 0 and +70 °C (max. -24 °C below ambient temperature)
- Relative humidity from 10 to 80% RH
- Independent water supply by jerrycan
- LCD screen, displaying temperature, humidity, alarms: class 3.1 overheat protection
- Autotest function for automatic verification of the device's proper operation
- Data monitoring: internal data logger, data retrieval is performed via USB key
- Stainless steel inner chamber
- Supplied with 2 stainless steel grid-racks, with supports
- Access port with silicone shutter Ø 30 mm, left side for all models
- Supplied with a container for water supply

Part no.	Designation	€
492800	Climatic chamber KBF-S ECO 240 - 230 V	N/A -
492799	Climatic chamber KBF-S ECO 720 - 230 V	N/A -
492798	Climatic chamber KBF-S ECO 1020 - 230 V	N/A -

Racks

Model	240		720		1020	
	Part no.	€	Part no.	€	Part no.	€
Grid-rack (stainless steel)	492862	N/A -	-	-	-	-
Reinforced grid-rack	492163	N/A -	492175	N/A -	492244	N/A -

Accessories

Part no.	Designation	€
492818	Container support	N/A -
492258	Aquapure water treatment system for direct connection to a tap	N/A -
492453	Replacement cartridge for water treatment system	N/A -

Options

Model	240		720		1020	
	Part no.	€	Part no.	€	Part no.	€
Access port 30 mm on the right	492808	N/A -	492808	N/A -	-	-
Access port 30 mm on the left	492809	N/A -	-	-	-	-
Access port 50 mm on the right	492815	N/A -	-	-	-	-
Access port 50 mm on the left	492811	N/A -	-	-	-	-
Door lock	492812	N/A -	492814	N/A -	492814	N/A -
LED strip base kit 300	492388	N/A -	492388	N/A -	492388	N/A -
LED strip base kit 900	-	-	-	-	492825	N/A -
Supplementary strip kit 300 length 30 cm	492826	N/A -	492826	N/A -	492826	N/A -
Supplementary strip kit 500 length 50 cm	492827	N/A -	492827	N/A -	492827	N/A -
Supplementary strip kit 900 length 90 cm	-	-	492828	N/A -	492828	N/A -



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Universal ovens UN/UF/UFPlus Memmert



- Intuitive, easy-to-use control panel
- Display and simple control, model UN/UF
- Programmable advanced display and control, model UNplus/UFplus (TwinDISPLAY) 9 volumes available, natural or forced convection (32 to 1060 litres)
- From ambient temperature + 5°C to 300°C / ambient + 10°C up to 300°C (forced convection model)
- Models 450, 750, and 1060 litre on castors
- Model 1060 litres: forced convection with 2 fans
- Medical Device model available by adding an M to the reference

External dimension depth with door handle: + 56 mm)

SingleDISPLAY or simple display:
- of temperature;
- duration of programmes
- ventilation;
- position of the air valve.



TwinDISPLAY or dual display, same function as the single display with the addition of:
- programming via a USB port ;
- the display of other specific parameters.

U = Universal oven
N = Natural convection
F = Forced convection
PLUS = Model with TwinDISPLAY (programming, delayed start)

Volume (l)	32	53	74	108	161	256	449	749	1060
Int. dim. : L x D x H (mm)	400 x 250 x 320	400 x 330 x 400	400 x 330 x 560	560 x 400 x 480	560 x 400 x 720	640 x 500 x 800	1040 x 600 x 720	1040 x 600 x 1200	1040 x 850 x 1200
External dimensions without handle: L x D x H (mm)	585 x 434 x 707	585 x 514 x 787	585 x 514 x 947	745 x 584 x 867	745 x 584 x 1107	824 x 684 x 1186	1224 x 784 x 1247	1224 x 784 x 1726	1224 x 1035 x 1726
Temperature	Amb. + 5 up to 300 °C / Amb. + 10 to 300 °C (Forced convection model) / Amb. + 10 to 300 °C for ventilated Models								
Number of grids delivered as standard / Max. number of grids	1 / 3	1 / 4	2 / 6	2 / 5	2 / 8	2 / 9	2 / 8	2 / 14	2 / 14
Weight (kg)	44	55	64	72	80	96	160	192	305
Power (W) 230 V 50/60Hz	1600	2000	2500	2800	3200	3400	-	-	-
Power (W) 400 V 50/60Hz	-	-	-	-	-	-	5800	7000	7000
Model	UN30	UN55	UN75	UN110	UN160	UN260	UN450	UN750	-
Part no.	911589	911590	911591	911592	911593	911594	911595	911596	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-
Model	UN30plus	UN55plus	UN75plus	UN110plus	UN160plus	UN260plus	UN450plus	UN750plus	-
Part no.	911597	911598	911599	911600	911601	911602	911603	911604	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-
Model	UF30	UF55	UF75	UF110	UF160	UF260	UF450	UF750	UF1060
Part no.	911605	911606	911607	911608	911609	911610	911611	911612	911806
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Model	UF30plus	UF55plus	UF75plus	UF110plus	UF160plus	UF260plus	UF450plus	UF750plus	UF1060plus
Part no.	911613	911614	911615	911616	911617	911618	911619	911620	911807
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Model	30	55	75	110	160	260	450	750	1060
Additional grid	911678	911679		911680		911681	911682		911812
€	N/A -	N/A -		N/A -		N/A -	N/A -		N/A -
Perforated plate	911683	911684		911685		911686	911687		911813
€	N/A -	N/A -		N/A -		N/A -	N/A -		N/A -
Recovery tank***	911964	-		911934	911934	911963	911962	911962	912004
€	N/A -	-		N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Support	911744*	-		911746**		911747**	911748**	-	-
€	N/A -	-		N/A -		N/A -	N/A -	-	-
Castor-mounted support	911749	911750		911751		-	-	-	-
€	N/A -	N/A -		N/A -		-	-	-	-

* 600 mm / ** 500 mm / *** Required for glassware drying

Glass doors (factory assembly) - Oven temperature with glass door max. 250 °C

Model	30	55	75	110	160	260	450	750	1060
Glass door	911653	911654	911655	911656	911657	911658	911659	911660	911660
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Factory-installed cable passage for all universal ovens UN/UF/UFPlus

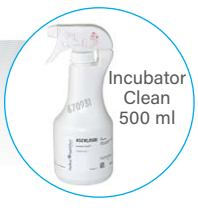
Cable passage diam. (mm)	Ø 23				Ø 38	Ø 57
Position of the cable passage	Left-centred	Top left centred	Centre-right	Top right-centred	In back to be specified	In back to be specified
Part no.	911661	911662	911663	911664	911670	911671
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Factory calibration certificate (factory assembly) -

for all UN/UF/UFPlus universal ovens

Part no.	Designation	€
911677	Factory calibration certificate for 3 temperatures: +100 °C, +160 °C, +220 °C	N/A -

Specialist tip ... For cleaning your incubators, we recommend part number 670931.



Incubators IN / IF / IF plus Memmert

- Intuitive, easy-to-use control panel
- Display and simple control, IN/IF Model, (SingleDISPLAY)
- Programmable advanced display and control, Model INplus/IFplus (TwinDISPLAY)
- 8 volumes available, natural or forced convection (32 to 749 litres)
- From ambient temperature + 5°C to 80°C
- 450 and 750 litre mobile models
- Medical Device Model available by adding an M to the part no.

SingleDISPLAY or simple display:
- of temperature;
- duration of programmes
- ventilation;
- position of the air valve.

*TwinDISPLAY or dual display with the same function as the single display, plus:
- programming via a USB port;
- the display of other parameters specific.

External dimension depth with door handle: + 56 mm)



I = Incubator
N = Natural convection
F = Forced convection
PLUS = Model with TwinDISPLAY



Volume (l)	32	53	74	108	161	256	449	749
Int. dim. : L x D x H (mm)	400 x 250 x 320	400 x 33 x 400	400 x 330 x 560	560 x 400 x 480	560 x 400 x 720	640 x 500 x 800	1040 x 600 x 720	1040 x 600 x 1220
External dimensions without handle: L x D x H (mm)	585 x 434 x 707	585 x 514 x 787	585 x 514 x 947	745 x 584 x 867	745 x 584 x 1107	824 x 684 x 1186	1224 x 784 x 1247	1224 x 784 x 1726
Temperature	Ambient + 5 to 80 °C / Ambient + 10 to 80 °C for ventilated Models							
Number of grids delivered as standard / Max number of grids	1 / 3	1 / 4	2 / 6	2 / 5	2 / 8	2 / 9	2 / 8	2 / 14
Power (W) 230 V 50/60 Hz	800	1000	1250	1400	1600	1700	1800	2000
Weight (kg)	44	55	64	72	80	96	160	192
Model	IN30	IN55	IN75	IN110	IN160	IN260	IN450	IN750
Part no.	911621	911622	911623	911624	911625	911626	911627	911628
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Model	IN30plus	IN55plus	IN75plus	IN110plus	IN160plus	IN260plus	IN450plus	IN750plus
Part no.	911629	911630	911631	911632	911633	911634	911635	911636
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Model	IF30	IF55	IF75	IF110	IF160	IF260	IF450	IF750
Part no.	911637	911638	911639	911640	911641	911642	911643	911644
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Model	IF30plus	IF55plus	IF75plus	IF110plus	IF160plus	IF260plus	IF450plus	IF750plus
Part no.	911645	911646	911647	911648	911649	911650	911651	911652
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Model	30	55	75	110	160	260	450	750
Additional grid	911678	911679		911680		911681	911682	
€	N/A -	N/A -		N/A -		N/A -	N/A -	
Perforated plate	911683	911684		911685		911686	911687	
€	N/A -	N/A -		N/A -		N/A -	N/A -	
Support	911744*	-		911746**		911747**	911748**	
€	N/A -	-		N/A -		N/A -	N/A -	
Castor-mounted support	911749	911750		911751		-	-	
€	N/A -	N/A -		N/A -		-	-	

* 600 mm / ** 500 mm

Options (factory assembly) -Internal socket (restricts temperature range to max. +70°C) electrical capacity 230V/2.2A, shut-off via main switch, without individual control.

Model	30	55	75	110	160	260	450	750
Internal socket*	911690							
€	N/A -							

* Internal socket (limits the temperature range to max. +70 °C) electrical capacity 230V/2.2A, shutdown on main switch, without individual control; requires to order the supplementary temperature limitation to 70 °C (please consult us).

Cable routing (factory assembly) for all incubators IN / IF / IF plus

Cable routing diam. (mm)	Ø 23	
Position of the cable passage	Left-centred	Centre-right
Part no.	911665	911667
€	N/A -	N/A -

Calibration (factory) certificate (factory assembly)

Part no.	Designation	€
911691	Calibration (factory) certificate for 3 temperatures: +37 °C, +52 °C, +70 °C	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Refrigerated incubators Peltier effect IPP30 and IPP55 Memmert





- Intuitive, easy-to-use control panel
- Two versions available:
  - Simple display and control, IPP Model
  - Advanced programmable display and control, IPPplus Model
- 2 capacities: 32 l and 55 l
- Internal glass door

* Simple display:
- of temperature;
- duration of programmes
- ventilation;
- position of the air valve.

* Dual display with the same function as the single display, plus:
- programming via a USB port;
- the display of other specific parameters.

Volume (l)	32	53
Int. dim. : L x D x H (mm)	400 x 250 x 320	400 x 330 x 400
External dimensions without handle: L x D x H (mm)	585 x 524 x 707	585 x 604 x 787
Working temperature without light	0 °C up to +70 °C	0 °C up to +70 °C
Working temperature with light	+10 °C up to 40 °C	+10 °C up to 40 °C
Number of standard grids delivered / Maximum number of grids	1 / 3	1 / 4
Power (W) 230 V 50/60 Hz	125	175
Weight (kg)	51	62
Model	IPP30	IPP55
Part no.	911715	911716
€	N/A -	N/A -
Model Plus	IPP30plus	IPP55plus
Part no.	911720	911721
€	N/A -	N/A -

External dimension depth with door handle: + 56 mm).

Accessories

Model	30	55
Additional grid	911678	911679
€	N/A -	N/A -
Perforated plate	911683	911684
€	N/A -	N/A -

Cable routing (factory assembly) for all IPP refrigerated incubators

Cable routing diam. (mm)	Ø 23			
Cable routing position	Centered left	Centred left top	Centered right	Centered right top
Part no.	911725	911726	911727	911728
€	N/A -	N/A -	N/A -	N/A -

Options (factory assembly) - internal socket (restricts the temperature range to max. +70 °C) electrical capacity 230V/2.2A, shutdown via main switch, without individual control.

Model	IPP30	IPP55
Internal socket*	911690	
€	N/A -	

* Internal socket (limits temperature range to max. +70 °C) electrical capacity 230V/2.2A, main switch-off, no individual control; requires additional order for temperature limitation to 70°C (please consult us).

Specialist tip

Specialist tip ...

To disinfect incubators, sterile workbenches in cell culture, and molecular biology laboratories, we recommend our product part number 670931.



Incubator Clean
500 ml

Peltier effect incubators MEMMERT IPPeco / IPPecoplus Memmert

Peltier-effect refrigerated incubators: a compressor-free technology that is excellent for maintaining temperatures below ambient.
A new high-performance, energy-efficient Peltier technology:
- low energy consumption compared to a compressor-based incubator;
- low operating noise level (Peltier effect);
- enhanced cooling, heating, and recovery time.



- Energy-efficient Peltier cooling/heating system
- Temperature: 0 to +70 °C without light; with light: +10 to +40 °C
- Equipped with stainless steel outer door and glass inner door
- Stainless steel inner and outer casing
- Intuitive, easy-to-use control panel
- 2 versions available: basic version IPPeco and programmable version IPPecoplus
- 7 different capacities: from 110 l to 2200 l
- Supplied with 2 racks and a calibration certificate at +10 °C and +37 °C

Model IPP	IPP 110 eco	IPP 110 ecoplus	IPP 260 eco	IPP 260 ecoplus	IPP 410 eco	IPP 410 ecoplus	IPP 750 eco	IPP 750 ecoplus	IPP 1060 eco	IPP 1060 ecoplus	IPP 1400 eco	IPP 1400 ecoplus	IPP 2200 eco	IPP 2200 ecoplus
Working temperature without light	From 0 °C (at least 20 °C below ambient) to +70 °C													
Working temperature with light	+ 10 °C to + 40 °C													
Volume (l)	108		256		384		749		1060		1360		2140	
Display resolution	0.1 °C													
Int. dim. L x H x D (mm) (D: less 32 mm for Peltier fan)	560 x 480 x 400		640 x 800 x 500		640 x 1200 x 500		1040 x 1200 x 600		1040 x 1200 x 850		1250 x 1450 x 750		972 x 1450 x 750	
Ext. dim. W x H x D (mm) (D : +56 mm excluding handle)	745 x 864 x 555		824 x 1183 x 655		824 x 1720 x 655		1224 x 1720 x 755		1224 x 1720 x 1005		1435 x 1913 x 905		2157 x 1913 x 905	
Number of standard/ maximum racks	2/5	2/5	2/9	2/9	2/14	2/14	2/14	2/14	2/14	2/14	2/28	2/28	2/42	2/42
Max load per rack (kg)	20	20	20	20	20	20	30	30	20	20	30	30	30	30
Max device load (kg)	150	150	200	200	200	200	200	200	200	200	250	250	330	330
Approximate device weight (kg)	78	78	114	114	157	157	230	230	255	255	450	450	493	493
Part no.	914272	914273	914297	914298	914322	914323	914346	914347	914370	914371	914390	914391	914402	914403
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Model IPP	IPP 110 eco	IPP 110 ecoplus	IPP 260 eco	IPP 260 ecoplus	IPP 410 eco	IPP 410 ecoplus	IPP 750 eco	IPP 750 ecoplus	IPP 1060 eco	IPP 1060 ecoplus	IPP 1400 eco	IPP 1400 ecoplus	IPP 2200 eco	IPP 2200 ecoplus
Additional grid	914414	914414	914415	914415	914416	914416	914417	914417	914418	914418	914419	914419	914420	914420
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Perforated plate	914426	914426	914427	914427	914428	914428	914429	914429	914430	914430	914431	914431	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-
Sliding drip tray with 15 mm edge	914432	914432	914433	914433	914434	914434	914435	914435	914436	914436	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Inf. collection tray 15 mm edge	914438	914438	914439	914439	914440	914440	914441	914441	914442	914442	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Support 500 mm height	914491	914491	914492	914492	-	-	-	-	-	-	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-	-	-	-	-	-	-	-	-
Support 560 mm height	914493	914493	-	-	-	-	-	-	-	-	-	-	-	-
€	N/A -	N/A -	-	-	-	-	-	-	-	-	-	-	-	-
Support 130 mm low	914494	914494	914495	914495	-	-	-	-	-	-	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-	-	-	-	-	-	-	-	-

Options

Model IPP	IPP 110 eco	IPP 110 ecoplus	IPP 260 eco	IPP 260 ecoplus	IPP 410 eco	IPP 410 ecoplus	IPP 750 eco	IPP 750 ecoplus	IPP 1060 eco	IPP 1060 ecoplus	IPP 1400 eco	IPP 1400 ecoplus	IPP 2200 eco	IPP 2200 ecoplus
Access port 23 mm left centre	914278	914278	914303	914303	914328	914328	914353	914353	914373	914373	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Access port 23 mm left top	914279	914279	914304	914304	914329	914329	914354	914354	914374	914374	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Access port 23 mm right centre	914280	914280	914305	914305	914330	914330	914355	914355	914375	914375	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Access port 23 mm right top	914281	914281	914306	914306	914331	914331	914356	914356	914376	914376	-	-	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	-	-
LED light module t7 cold 6500 K	-	914274	-	914299	-	914324	-	914349	-	-	-	-	-	-
€	-	N/A -	-	N/A -	-	N/A -	-	N/A -	-	-	-	-	-	-
LED light module t8, cold and warm, 6500 K + 2700 K	-	914275	-	914300	-	914325	-	914350	-	-	-	-	-	-
€	-	N/A -	-	N/A -	-	N/A -	-	N/A -	-	-	-	-	-	-
LED light module t9, warm 2700 K	-	914276	-	914301	-	914326	-	914351	-	-	-	-	-	-
€	-	N/A -	-	N/A -	-	N/A -	-	N/A -	-	-	-	-	-	-

Prices are indicative and excluding tax. Visit Dutscher.com

Refrigerated incubators ICP Memmert



Refrigerated incubators with compressors for conducting temperature cycles with speed and precision.

- Large display control panel, intuitive and user-friendly
- 4 volumes available
- Internal glass door



Volume (l)	108	256	449	749
Int. dim. : L x D x H (mm)	560 x 400 x 480	640 x 500 x 800	1040 x 600 x 720	1040 x 600 x 1220
External dimensions without handle: L x D x H (mm)	745 x 584 x 1233	824 x 684 x 1552	1224 x 784 x 1613	1224 x 784 x 1950
Working temperature	-12 °C up to 60 °C	-12 °C up to 60 °C	-12 °C up to 60 °C	-12 °C up to 60 °C
Number of standard grids delivered / Maximum number of grids	2 / 5	2 / 9	2 / 8	2 / 14
Power (W) 230 V 50/60 Hz	500	700	750	1200
Weight (kg)	109	153	217	249
Model	ICP110	ICP260	ICP450	ICP750
Part no.	911706	911707	911708	911709
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

External dimension depth with door handle: + 56 mm)

Accessories

Model	110	260	450	750
Additional grid	911680	911681	911682	911680
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Perforated plate	911685	911686	911687	911687
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Options (factory assembly) - internal socket (restricts the temperature range to max. +70 °C) electrical capacity 230V/2.2A, shutdown via main switch, without individual control.

Model	-	110	260	450	750
Internal socket*			911690		
€			**N/A -**		

* Internal socket (limits the temperature range to max. +70 °C) electrical capacity 230V/2.2A, shutdown on main switch, without individual control; requires to order the supplementary temperature limitation to 70 °C (please consult us).

Factory-assembled cable routing for all refrigerated ICP incubators

Cable routing diam. (mm)	Ø 23		
Cable routing position	Left-centred	Centred to the left at top	Centred to the right at top
Part no.	911730	911731	911733
€	**N/A -**	**N/A -**	**N/A -**

Calibration (factory) certificate (factory assembly)

Part no.	Designation	€
911743	Calibration (factory) certificate for 3 temperatures: 0 °C, 37 °C, 60 °C	**N/A -**

Incubators and refrigerated incubators HettCube

- HettCube 200, 400 and 600 incubators
- Available in ventilated and refrigerated versions
- Precise temperature control: setting to 0.1 °C
- Radiant heat reducing draughts and preventing the drying of samples
- Complies with directive 2017/746 on In-Vitro diagnostic (compliant with Annex IX)
- Standard equipment :
  - Dry contact alarm output
  - Acoustic and optical alarm system
  - Class 3.1 temperature controller (3.2 for refrigerated versions)
- Intuitive and user-friendly 4.3-inch touchscreen
- 1 telescopic shelf delivered as standard with each model
- 42 mm diameter passage located at the rear
- Supplied with 2, 3, 4 (HettCube 200, 400, 600) racks as standard



HettCube 200

Dutscher.com

Model	200	200R	400	400R	600	600R
Temperature	Ambient +1 to 65°C and 0 to 65°C					
Ext. dim. L x W x H (mm)	710 x 825 x 970		710 x 825 x 1425		710 x 825 x 1990	
Int. dim. L x W x H (mm)	535 x 690 x 420		535 x 690 x 850		535 x 690 x 1415	
Volume (l)	150		310		520	
Max. number of trays	4		9		16	
Weight (kg)	92/103		117/128		164/175	
Noise level (dB)	‹ 41 / ‹ 44					
Part no.	472649C	472652C	472650C	472647C	472651C	472648C
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Options

Part no.	Designation	€
472672	Cable routing on the left wall of the incubator, Ø 22 mm	N/A -
472673	Cable routing on the left wall of the incubator, Ø 42 mm	N/A -
472674	Cable routing on the left wall of the incubator, Ø 67 mm	N/A -
472980	Block 4 electrical sockets controllable external with wall passage cable	N/A -
472767	Exterior glass door for Hettcube 200/200R	N/A -
472766	Exterior glass door for Hettcube 400/400R	N/A -
472765	Exterior glass door for Hettcube 600/600R	N/A -
492988	Parameter for continuous cooling operation	N/A -
473053	Passive dehumidification	N/A -

Accessories

Part no.	Designation	€
472667	Stainless steel rack with stainless steel rail (standard rack)	N/A -
472757	Stainless steel sliding rack with telescopic rail	N/A -
472800	Half tray for 90 Petri dishes 90 mm	N/A -
472784B	Tray inxi 650 x 528 mm for 84 BK tubes, angled at 5°	N/A -
472758	Drawer (stainless steel) with telescopic rail height 30 mm	N/A -
472759	Drawer (stainless steel) with telescopic rail height 65 mm	N/A -
472760	Drawer (stainless steel) with telescopic rail height 105 mm	N/A -
472675	Secure stacking kit (for two HettCube 200 or 200R)	N/A -
472676	Mobile stand for HettCube 200 or 200R (770 x 550 x 800)	N/A -

Incubators and refrigerated incubators Hettich HettCube

Compact incubator available in 60 and 120 l capacity with either forced or natural convection.

- Two capacities : 60 l and 120 l
- Natural convection or forced convection
- Facilitated door opening
- Magnetic seal door closure and key lock
- Supplied with 2 grid shelves

Compact, economical, intuitive touchscreen





Type of convection	Natural convection		Forced convection	
Model	HettCube 60	HettCube 120	HettCube 60	HettCube 120
Temperature	Ambient at + +65 °C	Ambient at + +65 °C	Ambient at + +65 °C	Ambient at + +65 °C
Ext. dim. L x H x D (mm)	590 x 620 x 710	660 x 710 x 850	590 x 620 x 710	660 x 710 x 850
Int. dim. L x H x D (mm)	400 x 360 x 390	460 x 450 x 540	400 x 360 x 390	460 x 450 x 540
Volume (l)	56	112	56	112
Max. number of max. trays	5	7	5	-
Weight (kg)	65	85	65	85
Part no.	493621	493623	493622	493624
€	N/A -	N/A -	N/A -	N/A -

Accessories for models Hettcube 60 L

Part no.	Designation	€
493625	Standard rack for 60 L model	N/A -
493626	Perforated rack for 60 L model	N/A -
493627	Reinforced rack for 60 L model	N/A -

Accessories for Hettcube 120 L models

Part no.	Designation	€
493628	Standard rack for 120 L model	N/A -
493630	Perforated rack for 120 L model	N/A -
493631	Reinforced rack for 120 L model	N/A -

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Bacteriological incubators PHCBI - MIR Series

- Microprocessor temperature control by PHCBI from ambient plus 5 °C to 80 °C
- Temperature uniformity of ± 1 °C
- Natural convection, no risk of drying out the agar plates
- Stainless steel tank with internal glass door
- "Timer" function with adjustable digital display up to 99 hours and 59 minutes; capability to automatically start the incubator using the delay function; activation of an audible alarm when the incubation time has elapsed, along with numerous other features.
- Security optimised by various alarms:
  - visual and audible alarm when there is a deviation of ±2.5 °C from the setpoint
  - independent over-temperature device that immediately shuts off the heating elements
  - keypad lock to prevent any alterations to the parameters



MIR-H263-PE

Bacteriological incubators PHCBI - MIR Series

Model	MIR-H163-PE	MIR-H263-PE
Capacity (litres)	93	153
Dimensions W x D x H (mm)	580 x 595 x 820	730 x 645 x 870
Internal dim. L x W x H (mm)	450 x 460 x 450	600 x 510 x 500
Temperature scale (°C)	Ambient plus +5 °C to +80 °C	
Accuracy (°C)	± 0.2 at +60°C and ± 0.5 between 60°C and 80°C	
Homogeneity (°C)	±1 °C	
Weight (kg)	44	67
Power (W)	200	300
Shelves supplied	2	3
Part no.	099033B	099026B
€	N/A -	N/A -

Refrigerated and illuminated incubators PHCBI MLR Series

- Programmable lighting system comprising 15 fluorescent tubes, each 40 W, integrated into the main door as well as on the left and right side panels (5 lamps per section)
- Programmable for a maximum of 9 phases with automatic control of 6 levels of light intensity for use across a wide illumination range (0 to 20,000 lux)
- Microprocessor-controlled temperature regulation to maintain a range from +2 °C to +50 °C without lighting and from +10 °C to +50 °C with lighting
- Refrigeration control system eliminating temperature fluctuations
  Enhanced thermal performance through air circulation
- The new large-screen LCD display enables the input of date and time data via an alphanumeric keyboard
- Excellent temperature uniformity within the chamber
- Standard analogue output, optional RS232/485 output available
- Capacity to store up to 10 programs, each comprising 12 segments
- Enhanced safety through numerous visual and auditory alarms:
  - adjustable high and low temperature alarm - fixed temperature alarm at ± 2.5 °C;
  - humidity deviation alarm (10%) on Model MLR-352H-PE;
  - rechargeable battery for alarm backup in the event of a power failure
  - keypad lock function
  - self-diagnostic function



MLR-352-PE

Model	MLR-352-PE	MLR-352H-PE
Capacity (litres)	294	294
Dimensions W x D x H (mm)	760 x 700 x 1835	760 x 700 x 1835
Internal dim. L x W x H (mm)	520 x 490 x 1135	520 x 490 x 1135
Interior	Stainless steel (SUS-304)	
Shelves provided	5	5
Cable routing	40 mm (upper part)	40 mm (upper part)
Refrigerator	R404A (HFC)	R404A (HFC)
Temperature range (°C)	+ 2 to + 50 (without lighting) or + 10 to + 50 (with lighting)	
Thermal distribution (°C)	± 1 (without illumination) or ± 2.5 (with illumination)	
Temp. programming	9 recordable temperatures for up to 99 hours 59 min (repetition 1 - 99 cycles)	
Illumination range	0-20,000 lux Max. adjustable in increments of 1 to 6 Fluorescent lamps 15 x 40 W	
Lighting programming	Lighting intensity 6 (0, 1, 2, 3, 4, 5) - 9 phases per repetition of 1 - 99 cycles or unlimited	
Humidity control	No	Relative humidity (55 to 90%)
Weight (kg)	220	230
Part no.	099162B	099163B
€	N/A -	N/A -
Additional shelf*	099171	
€	N/A -	
Shelf support	099172	
€	N/A -	

Refrigerated incubators PHCBI MIR Series

- 3 capacities: 123, 238, and 406 litres
- Programming: 3 temperatures and 3 durations storable from 0 to 99.5 hours, with the program capable of being repeated 99 times
- Temperature range from -10°C to +60°C
- Microprocessor control 8-bit, with dual regulation of heating elements to ± 0.2 °C and the cooling unit to +± 1 °C
- Temperature uniformity in the incubator ± 0.5 °C
- Auditory and visual security and alarms:
  - visual and audible alarm (after 10 minutes) for temperature safety setpoint at ± 2.5 °C
  - visual and audible alarm (after 10 minutes) for high temperature safety adjustable from +15 °C to +55 °C (heating cut-off)
  - visual and audible alarm (after 10 minutes) for low temperature safety adjustable from -15 °C to +20 °C (cooling unit cut-off)
  - dry contact for alarm reporting



MIR-554-PE

Model	MIR-154-PE	MIR-254-PE	MIR-554-PE
Capacity (litres)	126	238	406
Dimensions W x D x H (mm)	700 x 580 x 1018	700 x 580 x 1618	800 x 832 x 1810
Internal dim. L x W x H (mm)	620 x 368 x 555	620 x 368 x 1088	640 x 550 x 1160
Weight (kg)	78	108	195
Heating power (W)	141	218	322
Shelves supplied	3	5	5
Part no.	099007	099005	099027
€	N/A -	N/A -	N/A -
Additional shelves*	099189	099189	099193
€	N/A -	N/A -	N/A -
Support for shelves	099172	099172	099172
€	N/A -	N/A -	N/A -

Benefits

- Homogenisation by forced ventilation
- Polyurethane insulation 40 mm
- Internal stainless steel tank
- External tank in galvanised steel with acrylic coating
- Cable passage (left) for external temperature control
- Solid door with a lockable closure and triple-glazed visibility window
- Optional 15 W fluorescent lighting

Binder ovens

- Drying and sterilisation up to 300°C
- 6 volumes available
- Model with forced or natural convection
- FED model fan speed adjustment possible
- Stackable models up to the 115-litre model
- AvantgardeLine model: standard USB port and visual alarm in the event of overheating temperature exceedance



Natural convection models

Model	ED23	AvantgardeLine ED56	AdvangardeLine ED115	AdvantgardeLine ED260	ED400	AdvantgardeLine ED720
Volume (l)	23	57	114	255	400	720
Int. dimensions L x D x H (mm)	222 x 300 x 330	360 x 380 x 420	510 x 425 x 530	610 x 550 x 760	1000 x 520 x 800	1000 x 620 x 1200
Ext. dimensions L x D x H (mm)	435 x 520 x 495	560 x 565 x 625	710 x 605 x 735	810 x 760 x 965	1235 x 765 x 1025	1235 x 865 x 1530
Temperature	Amb. T° + 5 °C to + 300 °C	Amb. T° + 15 °C - 300 °C			Amb. T° + 5 °C to + 300 °C	
Number of grilles supplied as standard	2	2	2	2	2	2
Max. number of grilles	4	5	6	9	10	15
Number of doors	1	1	1	1	2	2
Weight (kg)	22	39	57	97	125	174
Power (W) 230V 50 Hz	800	1050	1250	2250	-	-
Power (W) 400V 50 Hz	-	-	-	-	3400	5000
Part no.	9010-0190	492004	492005	492006	9010-0075	492348
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories and options for natural convection models

Chromed rack	-	-	-	-	494148	-
€	-	-	-	-	N/A -	-
Access port 30 mm to the left	8012-0537	492056	492056	492056	8012-0537	8012-0537
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Access port 30 mm to the right	8012-0536	492057	492057	492057	8012-0536	8012-0536
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Rubber skid	-	494142	494142	494142	-	-
€	-	N/A -	N/A -	N/A -	-	-
Key lock	492274	492286	492286	492286	492276	492276
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Thermostat 3.1	8012-0032	492030	492030	492030	8012-0032	8012-0032
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

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BINDER drying ovens (continued)

Forced convection models

Model	FD23	AdvangardeLine FD56	AdvantageLine FD115	AdvantageLine FD260
Volume	20	60	116	259
Int. dimensions L x D x H (mm)	222 x 300 x 330	400 x 345 x 440	550 x 385 x 550	650 x 515 x 780
Ext. dimensions L x D x H (mm)	435 x 520 x 495	560 x 565 x 625	710 x 605 x 735	810 x 760 x 965
Temperature	Amb. T° + 5 °C to + 300 °C	Amb. T° + 10 °C to 300 °C		
Number of grilles supplied as standard	2	2	2	2
Max. number of grilles	4	5	6	9
Number of doors	1	1	1	1
Weight (kg)	27	40	50	97
Power (W) 230V 50 Hz	800	1100	1300	2300
Part no.	9010-0194	492007	492008	492009
€	N/A -	N/A -	N/A -	N/A -

Accessories and options for forced convection models

Chromed rack	-	-	-	494140
€	-	-	-	N/A -
Perforated plate	494921	494837	-	-
€	N/A -	N/A -	-	-
Access port 30 mm to the left	492280	492054	492054	492054
€	N/A -	N/A -	N/A -	N/A -
Access port 30 mm to the right	492278	492053	492053	492053
€	N/A -	N/A -	N/A -	N/A -
Skate and rubber	-	494142	494142	494142
€	-	N/A -	N/A -	N/A -
Key lock	492275	492287	492287	492287
€	N/A -	N/A -	N/A -	N/A -
Thermostat 3.1	492272	492282	492282	492282
€	N/A -	N/A -	N/A -	N/A -

Adjustable forced convection models

Model	AvantgardeLine FED56	AvantgardeLine FED115	AvantgardeLine FED260	FED400	AvantgardeLine FED720
Volume	60	116	259	400	720
Int. dimensions L x D x H (mm)	400 x 345 x 440	550 x 385 x 550	650 x 515 x 780	1000 x 510 x 800	1000 x 610 x 1200
Ext. dimensions L x D x H (mm)	560 x 565 x 625	710 x 605 x 735	810 x 760 x 965	1235 x 765 x 1025	1235 x 865 x 1530
Temperature	Amb. T° + 10 °C to 300 °C			Amb. T° + 5 °C to + 300 °C	
Number of grilles supplied as standard	2	2	2	2	2
Max. number of grilles	5	6	9	10	15
Number of doors	1	1	1	2	2
Weight (kg)	40	50	97	145	195
Power (W) 230V 50 Hz	1100	1300	2300	-	-
Power (W) 400V 50 Hz	-	-	-	3400	5000
Part no.	492010	492011	492012	9010-0216	492349
€	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories and options for adjustable forced convection models

Chromed rack	-	494152	494140	494148	-
€	-	N/A -	N/A -	N/A -	-
Perforated plate	494837	-	-	-	-
€	N/A -	-	-	-	-
Access port 30 mm to the left	492285	492285	492285	492281	492281
€	N/A -	N/A -	N/A -	N/A -	N/A -
Access port 30 mm to the right	492284	492284	492284	492279	492279
€	N/A -	N/A -	N/A -	N/A -	N/A -
Rubber skid	494142	494142	494142	-	-
€	N/A -	N/A -	N/A -	-	-
Key lock	492288	492288	492288	492277	492277
€	N/A -	N/A -	N/A -	N/A -	N/A -
Thermostat 3.1	492283	492283	492283	492273	492273
€	N/A -	N/A -	N/A -	N/A -	N/A -

Binder incubators

- Homogeneous temperature thanks to the APT.Line™ preheating chamber
- Controller equipped with an integrated timer ranging from 0 to 99 hours for the 23/400 and 720 litre models
- Controller equipped with an integrated timer ranging from 0 to 9 days for AvantgardeLine models of 56, 115, 260, and 720 litres
- Digital temperature adjustment to an accuracy of 0.1 °C
- Adjustable temperature safety of class 3.1 (DIN 12880) equipped with a visual and auditory alarm
- Equipped with an internal glass door
- Inner tank made of stainless steel
- Stackable devices up to 115 litres
- 2 models available: natural or forced convection
- USB port for Avantgarde.Line models
- Adjustable ventilation on BF model
- Supplied with 2 chrome racks

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Incubator BF 720

Model BD	BD23	AvantgardeLine BD56	AvantgardeLine BD115	AvantgardeLine BD260	BD400	AvantgardeLine BD720
Volume (l)	20	57	112	253	400	720
Int. dimensions (mm)	222 x 330 x 277	360 x 420 x 380	510 x 530 x 420	610 x 760 x 545	1000 x 800 x 500	1000 x 1200 x 600
Ext. dimensions (mm)	435 x 495 x 520	560 x 625 x 565	710 x 735 x 605	810 x 965 x 760	1235 x 1025 x 765	1235 x 1530 x 865
Temperature	Amb. + 5 °C up to 100 °C					
Number of grids	2/3	2/4	2/5	2/8	2/10	2/15
Power supply	50/60 Hz 230V	50/60 Hz 230V	50/60 Hz 230V	50/60 Hz 230V	50/60 Hz 230V	50/60 Hz 230V
Nominal power (kW)	0.2	0.3	0.35	0.85	0.5/0.4	0.5/0.4
Weight (kg)	26	85	53		135/145	191/180
Part no.	9010-0187	9010-0323	9010-0325	492000	9010-0073	492347
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories and options for BD Models

Chromed rack	-	-	-	-	494148	-
€	-	-	-	-	N/A -	-
Perforated plate	494921	-	-	-	-	-
€	N/A -	-	-	-	-	-
Access port 30 mm at the back	8012-0397	8012-0397	8012-0397	8012-0397	8012-0397	8012-0397
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Access port 30 mm left	8012-0047	8012-0047	8012-0047	8012-0047	8012-0047	8012-0047
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Access port 30 mm right	8012-0046	8012-0046	8012-0046	8012-0046	8012-0046	8012-0046
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Model BF	AvantgardeLine BF56	AvantgardeLine BF115	AvantgardeLine BF260	BF400	AvantgardeLine BF720
Volume (l)	59	114	257	400	720
Int. dimensions (mm)	400 x 340 x 440	550 x 550 x 380	650 x 780 x 510	1000 x 800 x 500	1000 x 565 x 1300
Ext. dimensions (mm)	560 x 565 x 625	710 x 735 x 605	810 x 965 x 760	1235 x 1025 x 765	1165 x870X 1590
Temperature	Amb + 5 °C up to 100 °C			Amb + 5 °C up to 100 °C	Amb +10°C up to 100°C
Number of grids	2/4	2/5	2/8	2/10	2/16
Power supply	50/60 Hz 230V	50/60 Hz 230V	50/60 Hz 230V	50/60 Hz 230V	50/60 Hz 230V
Nominal power (kW)	0.4	0.4	0.9	0.5/0.4	1.85
Weight (kg)	38	54	85	135/145	165
Part no.	492001	492002	492003	9010-0241	492350
€	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories and options for BF Models

Chromed rack	-	-	494140	494148	494156
€	-	-	N/A -	N/A -	N/A -
Perforated plate	494837	-	-	-	-
€	N/A -	-	-	-	-
Access port 30 mm left	8012-0047	8012-0047	8012-0047	8012-0047	492271
€	N/A -	N/A -	N/A -	N/A -	N/A -
Access port 30 mm right	8012-0046	8012-0046	8012-0046	8012-0046	492270
€	N/A -	N/A -	N/A -	N/A -	N/A -
Access port 30 mm at the top	8012-0045	8012-0045	8012-0045	-	-
€	N/A -	N/A -	N/A -	-	-

Common options BD and BF

Rubber pads	494142	494142	494142	-	-	-
€	N/A -	N/A -	N/A -	-	-	-
Key lock	8012-0318	492031	492031	492031	8012-0319	8012-0319
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Thermostat 3.1	8012-0032	492030	492030	492030	8012-0032	8012-0032
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

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Refrigerated biological incubators KT Binder



- Peltier technology bacteriological incubators
- APT.line preheating chamber technology
- Adjustable ventilation speed
- Electric cooling via the Peltier effect
- Controller with sequential programming and real-time operation
- Interior door made of safety glass
- Supplied with two stainless steel racks
- Stackable devices up to 115 l stackable
- Optional access port
- Safety thermostat class 3.1 (DIN 12880) with visual and audible temperature alarms

Model	KT 53	KT 115	KT 170
Volume (l)	53	102	163
Temperature range (°C)	+4 to 100		
Fluctuation of temperature (°C)	0.1		
Display	LCD screen		
Connection	Ethernet/USB		
Maximum number of racks	5	6	10
maximum load (kg)	40	100	120
Weight per shelf (kg)	15	30	30
Recovery time after door opening for 30 s at 37 °C (min)	2	3	3
External dim l x w x h (mm)	660 x 630 x 635	860 x 655 x 715	860 x 655 x 1025
Internal dim l x w x h (mm)	400 x 334 x 400	600 x 355 x 455	600 x 355 x 765
Weight (kg)	63	83	102
Part no.	492015	492016	492017
€	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
494161	Stainless steel grid-rack	N/A -
492473	Reinforced stainless steel grid-rack with grid attachment (max 70 kg) KT 53	N/A -
492190	Reinforced stainless steel grid-rack with grid fastening (max 70 kg) KT 115 and KT 170	N/A -

Solid Line Binder ovens



- Natural convection drying and heating ovens (model ED-S) or forced (model FD-S)
- Simple to use and effective, with no options available (including cable routing option)
- Heating chamber technology: APTline
- Precise temperature regulation
- Easy-to-use regulator with timer function
- Short recovery time after door opening
- No risk of corrosion, all-stainless steel chamber
- Adjustable air damper
- Interior door made of safety glass
- Chrome-plated rack with supports
- Adjustable safety thermostat class 2 (DIN 12880) integrated with visual alarm

	Natural convection ovens		Forced convection ovens	
Model	ED-S 56	ED-S 115	FD-S 56	FD-S 115
Temperature range (°C)	Ambient temperature + 7 to 250		Ambient temperature + 10 to 250	
Interior volume (l)	62	118	55	106
Ext. dimensions L x W x H (mm)	614 x 577 x 625	764 x 616 x 735	614 x 577 x 625	764 x 616 x 735
Dimensions int. l x p x h (mm)	400 x 350 x 440	550 x 390 x 550	400 x 310 x 440	550 x 350 x 550
Net weight (kg)	35.5	52.2	35.4	52.5
Number of racks included	1	1	1	1
Max. number of racks	3	5	3	5
Weight / racks (kg)	15	20	15	20
Maximum total weight (kg)	30	75	30	75
Temp. fluctuation at 37°C	0.8	0.8	0.5	0.5
Part no.	492406	492407	492408	492409
€	N/A -	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
492438	Chromed rack for ED-S 56 and FD-S 56	N/A -
492442	Chromed rack for ED-S 115 and FD-S 115	N/A -

Incubators BD-S Binder Solid Line

BINDER

- Natural convection bacteriological incubators
- Simple to use and efficient, with no options available
- Heating chamber technology: APTline
- Precise temperature regulation
- Easy-to-use regulator with timer function
- Short recovery time after door opening
- No risk of corrosion, all-stainless steel chamber
- Adjustable air damper
- Interior door made of safety glass
- Chrome-plated rack with supports
- Safety thermostat class 3.1 integrated (DIN 12880) with visual alarm



Model	BD-S 56	BD-S 115
Temperature range (°C)	Ambient temperature +5 °C to 70 °C	
Interior volume (l)	62	118
Ext. dimensions L x W x H (mm)	614 x 577 x 625	764 x 616 x 735
Dimensions int. l x p x h (mm)	400 x 350 x 440	550 x 390 x 550
Net weight (kg)	35.4	52.5
Number of racks included	1	1
Maximum number of racks	3	5
Weight / racks (kg)	15	20
Maximum total weight (kg)	30	75
Temp. fluctuation at 37°C	0.1	0.2
Part no.	492400	492404
€	N/A -	N/A -

Accessories

Part no.	Designation	€
492438	Chrome-plated rack for BD-S 56	N/A -
492442	Chrome-plated rack for BD-S 115	N/A -

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PCR Enclosure Captair Bio Smart

- Complies with NF EN 61010
- SMART communication technology for the display of safety parameters
- Decontamination using a 15W germicidal UV lamp (254 nm)
- Adjustable decontamination timer
- Automatic shutdown of the UV lamp when the door is opened
- 10mm UV-resistant acrylic panels

Dynamic hoods:

+ High-efficiency HEPA particulate filters for 99.995% filtration of particles larger than 0.1 µm
+ Optional molecular filters for protection against atmospheric pollutants



Captair Smart 391 hood

Model	320	321	391
Type	Static	Dynamic	Dynamic
Ext. dimensions (W x D x H) (mm)	825 x 630 x 647	810 x 670 x 965-1059	1013 x 670 x 965-1059
Internal dimensions (L x W x H)(mm)	765 x 461-585 x 400	765 x 461-585 x 461	969 x 461-585 x 467
Air flow rate (m³/h)	-	200	200
Power (W)	25	40	40
Noise level (dB)	< 40	54	54
Illumination Intensity (lux)	500	900	950
Part no. with worktop Tespa Top Lab plus and HEPA filter	271969	271973	271975
€	N/A -	N/A -	N/A -
Part no. with worktop stainless steel and HEPA filter	271670	271974	271976
€	N/A -	N/A -	N/A -

Accessories

Mobicap: mobile support furniture without worktop	271439	271439	271430
€	N/A -	N/A -	N/A -
Benchcap: fixed support unit without worktop	271440	271440	271431
€	N/A -	N/A -	N/A -
Semi-extractable shelf for Benchcap	271441	271441	271432
€	N/A -	N/A -	N/A -

NEW ON PAGE 1673

Microbiological safety cabinet Airstream® G4

- Optimum safety
- Models certified TüV NORD EN 12469
- Ergonomics
- 7-inch capacitive touch screen
- Graphical display of key security information on a single screen
- Angled downwards and centred for ease of access and visualisation
- Integrated workbench planning agenda
- Front panel inclined at 10° for a comfortable working position
- Ouet arm rest full-length 304 stainless steel
- Manual front glass
- LED lighting adjustable intensity
- Securit glass lateral panels
- Stainless steel worktop, sectional, removable, with a large working surface
- 17.5 cm work aperture
- Performance
- H14 HEPA filters with efficiency from 0.3 µm
- External coating with ISOCIDE antimicrobial treatment
- Work chamber made entirely of 304L stainless steel
- External rotor fan motor, low energy consumption and more efficient
- Start-up: 3 minutes
- Easy maintenance
- Retention trough under the worktop
- Multi-piece work plan
- Perfectly rounded edges between the bottom and side walls, for easy cleaning
- Safety station equipped with 2 electrical outlets and a UV lamp

Model	AC2-3E8 G4	AC2-4E8 G4	AC2-5E8 G4	AC2-6E8 G4
L x D x H ext. (mm)	1035 x 850 x 1400	1340 x 850 x 1400	1645 x 850 x 1400	1950 x 850 x 1400
L x D x H int. (mm)	915 x 610 x 650	1220 x 610 x 650	1525 x 610 x 650	1830 x 610 x 650
Brightness (lux)	> 1000	> 1000	> 1000	> 1000
Net weight (kg)	213	255	304	338
Gross weight (kg)	287	341	400	442
Noise level (dB)	49.8	50.8	53.8	55
Part no.	**486390**	**486391**	**486392**	**486393**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Economic, silent, high-tech controller, ergonomic

Mini incubator



- Personal incubator, Capacity: 9.2 litres
- Glass door, 3 possible shelf heights
- Temperature range: ambient + 5 °C to 60 °C
- Supplied with 1 shelf
- Diode indicates when the device is in the heating phase
- Thermometer -20 °C to +110 °C optional (non-toxic, Teflon coated, resolution 1 °C, length 305 mm, immersion 76 mm)

External dimensions L x W x H (cm)	28.5 x 28 x 33.5
Internal dimensions L x W x H (cm)	23 x 20 x 20
Weight (kg)	8.3
Stability / uniformity at 37 °C	± 0,6 °C / 0,65 °C

Part no.	Designation	€
096527	Mini incubator	N/A -
096528	Additional shelf, 22 x 18 cm	N/A -
096529	Thermometer -20 °C to +110 °C	N/A -

New products page

Thermocult Mini Incubator



Compact incubator for bacteriology.

2 YEARS WARRANTY

- Fixed temperature of 35 ± 2 °C
- With glass door for better viewing
- For 20 culture flasks or 8 Petri dishes

Internal dimensions L x W x H (mm)	210 x 145 x 110
External dimensions L x W x H (mm)	300 x 170 x 150
Weight (kg)	1.3
Part no.	030124
€	N/A -

Accessory

Part no.	Designation	€
030125	Shelf	N/A -

CO_2 compact Incubator Midi 40

thermo scientific



Ideal dimensions for single-user applications.

- For cell culture specialists who need a compact cultivation space
- Capacity: 40 l
- Featuring advanced IntrLogic™ II microprocessor: bright digital display and intuitive touchpad simplifying data entry
- Stainless steel culture chamber
- With four removable shelves
- Radiant heating at the wall surfaces: ensures uniform temperature and natural convection to protect the samples
- Precise and reliable control of CO2 content
- Cellular removable water reservoir
- Internal door made of tempered glass
- Seamless data communication: the RS-485 output
- Audible and visual alarms
- Reinforced chamber to allow stacking
- Non-porous silicone gasket

Ext. dimensions / int. (cm)	59.7 x 47 x 46.5 / 35.5 x 35.5 x 30.5
Interior volume (l)	39.6
Shelf dim. (cm)	34.3 x 29.2
Temperature range	Ambient + 5 °C to 60 °C
Regulation precision	± 0.1 °C
Uniformity	± 0.4 °C at 37 °C
CO2 range	0 - 20%
Regulation precision	± 0,1 %
Sensor / uniformity	Long-term thermal conductivity sensor / 0.10%
Humidity Hr	Up to 95% at 37°C
Net weight (kg)	27
Part no.	079500
€	N/A -

Accessories

Part no.	Designation	€
079501	Additional stainless steel shelf for Midi 40	N/A -
079502	Replacement filter for Midi 40	N/A -

CO_2 incubators with direct heat or water jacket heating 8000 Series

Option to choose between water jacket technology (WJ) and direct heating (DH).

+ Total contamination control with HEPA filter that achieves class 100 air.
+ Continuous filtration of the chamber's air volume to create a sterile culture environment.
+ Airborne biological particle extraction, main sources of laboratory contamination.
+ Assurance of achieving a class 100 air quality within five minutes of door closure.

+ Time-saving through easy cleaning
+ Polished stainless steel interior with rounded corners, minimizing cleaning time and reducing the risk of contamination.
+ Adjustable timer that alerts when the easily accessible HEPA filter needs replacing.
+ The disposable snap-fit fan, the stainless steel shelves and supports, as well as the HEPA filters, can all be easily disassembled without tools.

+ Maximum thermal protection of water-jacketed incubators
+ Exceptional temperature stability and protection against heat loss over extended periods, thanks to the triple-wall structure and thermal inertia of water for water-jacketed CO_2 incubators.
+ Reduction in temperature recovery times: The patented, double-glazed heated inner door is more responsive than traditional doors and limits condensation formation.

+ Easy to install

The message area controls of the incubator are intuitive. The dry contact for remote alarm and digital RH display (optional) allow continuous monitoring, useful for applications requiring a humidity display.

+ The direct heating decontamination cycle

The direct heating decontamination cycle (total of 12 hours, including 120 minutes at 140°C) effectively eliminates all microorganisms and fungal spores present on all surfaces of the incubator (ANSI/AAMI/ISO 11134).

+ Choice between CT or IR sensor

Select a CT sensor when the chamber's temperature and relative humidity are relatively constant. Generally, the longevity of a CT sensor is greater than that of an IR sensor.
Opt for an IR sensor when the temperature and humidity levels change frequently. With either sensor, it is essential to maintain a high RH to avoid drying out.



Part no.	Type	CO2 sensor	O2 sensor	€
047859	WJ - water jacketed	CT	-	N/A -
047860	WJ - water jacketed	IR	-	N/A -
047861	WJ - water jacketed	CT	Yes	NC -
047862	WJ - water jacketed	IR	Yes	NC -
047863	DH - direct heating	CT	-	N/A -
047864	DH - direct heating	IR	-	N/A -

Model	8000 WJ Series water jacket	8000 DH Series direct heating
	Temperature	
Regulation	±0,1 °C	
Range	Ambient + 5 °C to 55 °C	Ambient + 5 °C to 50 °C
Uniformity	± 0.2 °C at 37 °C	± 0.3 °C at 37 °C
Tracking alarm	User-programmable high/low threshold	
	Temperature security	
Sensor	Precision thermistor	
Regulator	Analogue control electronics	
Adjustment precision	0.1 °C	
Overtemperature function	-	Shutdown of the heating system
	CO2/O2	
CO_2/O_2 monitoring	Greater than ± 0.1%	
CO_2 range	0 to 20 %	
O_2 range	1 to 20 %	-
Inlet pressure	15 PSIG (1 bar)	
CO_2 sensor	CT or IR	
O_2 sensor	Fuel cell	-
	(Battery - output 16 mV DC)	
Display and adjustment precision	0.1 %	
Tracking alarm	User-programmable high/low threshold	
	Humidity	
HR	Ambient up to 95% at 37°C	
Humidifier reservoir	3 litres, standard	
Display (optional)	In increments of 1%	
	Connectors	
Filling port	95 mm tube (ribbed)	-
Drain port	63 mm tube (ribbed)	-
Cable routing	3.3 cm with removable silicone cap featuring a filter	
CO_2 influx	63 mm tube (ribbed)	
	Calorific load of the unit	
115 V/230 V	344 BTUH (100 W)	293 BTUH (86 W)
Shelves	4 deliveries (maximum capacity: 23)	
Dimensions (cm)	47 x 47	
Structure	Stainless steel, perforated	
Surface per shelf (m^2)	0.2	
Max. surface area per chamber (m^2)	3.8	3.3
Standard quantity, maximum quantity	4, 17	4, 15
	Structure	
Volume of the water jacket (l)	43.5	-
Interior volume (l)	184.1	184.1
Interior	Stainless steel 304, gloss finish	
Exterior	18-gauge cold-rolled steel, spray coating	
Ext. door sealing gasket		
Int. door sealing gasket	Silicone, removable, washable	
	Electrical characteristics	
All models	230 V, 50/60 Hz, 2.0 A at full load (operating range 180-250 V)	
Circuit breaker/ Power switch	6 A/bipolar	12 A/bipolar
Power supply sheet	75 Watts max. (one per chamber)	
Power supply	230 V: CEE 7/7 plug	
Alarm contacts	Power outage; fluctuations in temperature, CO2, O2, and HR connections via socket located at the back of the unit	
Data outputs (optional)	RS-485, 0-1 V, 0-5 V, 4-20 mA (select one)	
	Dimensions	
External (w x h x d) cm	66.0 x 100.3 x 63.5	66.8 x 100.3 x 63.5
Interior (w x h x d) cm	54.1 x 68.1 x 50.8	54.1 x 68.1 x 50.8
	Device weight	
Net (kg)	120.2	117.9
Net operating weight (kg)	165.6	-
Packaged (kg)	147	142.9

Accessories for Thermo Scientific 8000 incubators

Part no.	Designation	€
047865	Shelf and posts made of stainless steel	N/A -
047866	Replacement HEPA filter	N/A -
047867	Set of 4 HEPA filters	N/A -
047868	10 disposable inline filters	N/A -
047869	Replacement HEPA filter kit (inline filters and cable passage seals)	N/A -
047870	Set for independent interior glass door	N/A -
047872	Lock for interior glass door	N/A -
047873	CO_2 regulator with 2 phases	N/A -
047875B	External automatic exchanger for gas cylinder	N/A -
047876	Mobile base for 8000 WJ Series	N/A -
047877	Mobile base for 8000 DH Series	N/A -
047878	Base	N/A -
047879	Right door opening (configured at factory order stage)	N/A -
047880	Display of relative humidity RH for 8000 WJ series (in factory)	N/A -
047881	Display of relative humidity RH for 8000 DH series (in factory)	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

CO_2 incubators MCO-170AC-PE PHCBI

The new market standard!



- Extremely robust and durable thermal conductivity probe
- No drift over time
- Next-generation interface / USB port for retrieving temperature/history alarms/ door openings
- 3-zone heating system for perfect temperature control
- Chamber with embossed, rounded corners and integrated shelf supports
- Air circulation (forced) for precise regulation and rapid return to setpoint
- Anti-condensation system
- Interior copper-stainless steel alloy preventing any surface contamination (Biofilm)

3 YEARS WARRANTY

Capacity (litres)	170
Ext. dim. L x D x H (mm)	620 x 730 x 905
Int. dim. L x D x H (mm)	490 x 523 x 665
Doors	Solid ext. / glazed int.
Shelves supplied	3
Max. number of of shelves	15
Temperature range (°C)	Ambient +5 to +50
CO2 rate regulation	Thermal conductivity
CO2 regulation range (%)	0 to 20
Humidity	Water tank (RH > 95 %)
Sterilisation by UV lamp	Yes (option)
Part no.	299529
€	**N/A -**

Accessories	
Additional shelf	099437
€	**N/A -**
Half-shelf	099120
€	**N/A -**
Rolling base	099436
€	**N/A -**
Pressure regulator	299526
€	**N/A -**
Options	
Auto. switch CO_2 bottle	099057
€	**N/A -**
Factory assembly Auto-switch for CO_2 bottle	299551
€	**N/A -**
UV Lamp (plan for factory assembly)	099435
€	**N/A -**
UV kit factory assembly	299549
€	**N/A -**

CO_2 incubators PHCBI



- Different capacities: from 50 L to 8501 L
- Single-version CO_2 or multi-gas CO_2 and N_2
- Dual infrared probe for optimal CO_2 control
- No drift over time
- Forced/directed air circulation for a rapid return to set conditions
- Air jacket for precise thermal regulation
- Stamped chamber with rounded corners and integrated shelf supports
- Anti-condensation system
- LCD touch screen
- Data retrieval via USB port for temperature history, CO_2 concentration, door open events, and alarms
- Contamination control through prevention systems:
  - copper-stainless steel alloy tank
  - continuous and on-demand sterilisation by optional UV lamp
- Optionally, a rapid (2 h 30) and effective decontamination with hydrogen peroxide H_2O_2 (depending on the model)
- Key lock option

3 YEARS WARRANTY

Specialist tip ... To prevent contamination, we recommend the use of disinfectant 670934 for water tanks.



Standard CO_2 incubators

- Accessories and options: see next page

Model	MCO-50AIC-PE	MCO-170AIC-PE	MCO-170AICUVH-PE	MCO-170AICD-PE	MCO-170AICUVD-PE	MCO-230AIC-PE	MCO-230AICUVH-PE	MCO-80IC-PE
Capacity (litres)	50	165	165	165	165	230	230	851
Ext. dim. L x D x H (mm)	480 x 550 x 585	620 x 710 x 900	620 x 710 x 900	620 x 710 x 900	620 x 710 x 900	770 x 730 x 905	770 x 730 x 905	986 x 853 x 2040
Int. dim. L x D x H (mm)	370 x 363 x 385	490 x 523 x 665	490 x 523 x 665	490 x 523 x 665	490 x 523 x 665	643 x 523 x 700	643 x 523 x 700	806 x 693 x 1524
Doors	Solid ext. door Glass int. door	Solid ext. door Glass int. door	Solid ext. door Glass int. door	Solid ext. door Glass int. door	Solid ext. door Glass int. door	Solid ext. door Glass int. door	Solid ext. door Glass int. door	Double glazed glass with heating
Shelves supplied	3	4	4	4	4	4	4	5
Max. number of of shelves	6	-	-	-	-	10	10	NC
Temperature range (°C)	Ambient +5 to +50	Ambient +5 to +50	Ambient +5 to +50	Ambient +5 to +50	Ambient +5 to +50	Ambient +5 to +50	Ambient +5 to +50	Ambient +5 to +50
Homogeneity (°C)	±0.25	±0.25	±0.25	±0.25	±0.25	0.25	0.25	±0.5
Regulation of CO_2 levels	Thermal conductivity	DUAL IR	DUAL IR	DUAL IR	DUAL IR	DUAL IR	DUAL IR	Infrared
CO_2 regulation range (%)	0 to 20	0 to 20	0 to 20	0 to 20	0 to 20	0 to 20	0 to 20	0 to 20
CO_2 concentration precision (%)	±0.15	±0.15	±0.15	±0.15	±0.15	0.15	0.15	±0.15
Humidity	Water bath (HR›95%)	Water bath (HR›95%)	Water bath (HR›95%)	Water bath (HR›95%)	-	95 ± 5%	95 ± 5%	Water reservoir
Sterilisation by UV lamp	Yes (option)	Yes (option)	Yes	No	Yes	Yes (option)	Yes	Yes (option)
Decontamination H_2O_2	No	No	Yes	No	No	No	Yes	No
Electric door locking system	No	Yes (option)	Yes	Yes	Yes	Yes (option)	Yes	No
Cable routing	1	30 mm at the rear	30 mm at the rear	30 mm at the rear	30 mm at the rear	30 mm at the rear	30 mm at the rear	2
Power (W)	NC	300	300	300	300	-	-	1700
Weight (kg)	NC	93	93	93	93	90	90	275
Part no.	299598	099433	099434	299505	299506	099009B	099963	099264
€	N/A -	N/A -	N/A -	NC	NC	N/A -	N/A -	N/A -
Part no. UV lamp model	-	099433UV	-	-	-	099009BUV	-	-
€	-	N/A -	-	-	-	N/A -	-	-

Accessories and options for standard CO_2 incubators (previous page)

For model	MCO-50AIC-PE	MCO-170AIC-PE	MCO-170AICUVH-PE	MCO-170AICD-PE	MCO-170AICUVD-PE	MCO-230AIC-PE	MCO-230AICUVH-PE	MCO-80IC-PE
Accessories								
Additional shelf	-	099437	099437	099437	099437	099965	099965	099266
€	-	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Half-shelf	-	-	-	-	-	099393	099393	-
€	-	-	-			N/A -	N/A -	-
Rolling base	-	099436	099436	099436	099436	099101B	099101B	-
€	-	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-
Pressure regulator	-	299526	299526	299526	299526	299526	299526	299526
€	-	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Options requiring factory installation at additional cost (please contact us)								
Auto. switch CO2 bottle	-	099057	099057	099057	099057	099057	099057	099265
€	-	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
UV lamp	-	099435	-	-	-	099435	-	099269
€	-	N/A -	-	-	-	N/A -	-	N/A -
Electric door lock system	-	099439	-	-	-	099439	-	-
€	-	N/A -	-	-	-	N/A -	-	-
Generator H2O2	-	099296	099296	-	-	099296	099296	-
€	-	N/A -	N/A -	-	-	N/A -	N/A -	-
H2O2 decontamination reagents*	-	099297	099297	-	-	099297	099297	-
€	-	N/A -	N/A -	-	-	N/A -	N/A -	-

* One bottle per decontamination cycle (requires cold storage).

Multi-gas CO_2 incubators

Model	MCO-50M-PE	MCO-170M-PE	MCO-170MUVH-PE
Capacity (litres)	49	165	165
Ext. dim. L x D x H (mm)	480 x 550 x 585	620 x 710 x 905	620 x 710 x 905
Int. dim. L x D x H (mm)	370 x 363 x 385	490 x 523 x 665	490 x 523 x 665
Doors	Solid door	Ext. solid door with 4 internal glazed sub-doors	Ext. solid door with 4 internal glazed sub-doors
Shelves supplied	2	3	3
Max. number of of shelves	6	10	10
Temperature range (°C)	Ambient +5 to +50	Ambient +5 to +50	Ambient +5 to +50
Homogeneity (°C)	±0.25	±0.1	±0.1
Regulation of CO_2 levels	DUAL IR	DUAL IR	DUAL IR
CO_2 regulation range (%)	0 to 20	0 to 20	0 to 20
CO_2 rate accuracy (%)	-	±0.15	±0.15
Regulation range O_2(%)	1 to 18, 22 to 80	1 to 18, 22 to 80	1 to 18, 22 to 80
CO_2 rate accuracy (%)	±0.2	±0.2	±0.2
Humidity	Per water container	Per water container	Per water container
Sterilisation by UV lamp	Yes (option)	Yes (option)	Yes
H_2O_2 decontamination	Yes (option)	No	Yes
Electric door locking system	Yes (option)	Yes (option)	Yes
Cable routing	1	1	1
Power (W)	-	375	375
Weight (kg)	46	79	79
Part no.	299574	099346B	099976
€	N/A -	N/A -	N/A -
Part no.	299574UV**	-	-
€	N/A -	-	-
Accessories			
Additional shelf	099437	099437	099437
€	N/A -	N/A -	N/A -
Half-shelf	-	099120	099120
€	-	N/A -	N/A -
Rolling base	-	099436	099436
€	-	N/A -	N/A -
Pressure regulator	-	299526	299526
€	-	N/A -	N/A -
Options requiring factory installation at additional cost (please contact us)			
Auto. switch CO_2 bottle	-	099057	099057
€	-	N/A -	N/A -
UV lamp	-	-	-
€	-	-	-
Electric door locking system	-	099439	-
€	-	N/A -	-
Options			
H_2O_2 generator	-	099296	099296
€	-	N/A -	N/A -
H_2O_2 decontamination reagents*	-	099297	099297
€	-	N/A -	N/A -

* One bottle per decontamination cycle (requires cold storage). ** Model with UV lamp.



3 YEARS WARRANTY

Dutscher.com

Tip

Do not forget your ambient CO_2 detector (see page 1709)

Prices are indicative and excluding tax. Visit Dutscher.com

CO_2 incubators MEMMERT ICO



- Screen with large display
- Temperature: amb. + 5 °C up to + 50 °C
- IR probe
- CO_2: 0 to 20 %
- O_2: 1 to 20% (optional)
- 4 models from 56 to 241 l
- 1 stainless steel water tray included per incubator
- Visual and audible alarms
- Sterilisation at 180°C without the need to remove the probes
- Calibration certificate 37°C and 5% CO_2
- Supplied with a connector kit for a pressure regulator (pressure regulator not included)

Model	50	105	150	240
Volume (l)	56	107	156	241
Ext. dimensions L x D x H (mm)	559 x 521 x 791	719 x 591 x 846	719 x 591 x 1066	759 x 691 x 1176
Int. dimensions L x D x H (mm)	400 x 330 x 420	560 x 400 x 480	560 x 400 x 700	600 x 500 x 810
Temperature	Amb. + 5 °C up to + 50 °C			
Number of perforated plates delivered as standard	1	2	2	2
Power (W) 230/115 V, 50/60 Hz	1 000	1500	2000	2000
Weight (kg)	55	75	92	110
Max. load (kg)	75	90	120	140
Part no.	911950	911951	911952	911953
€	N/A -	N/A -	N/A -	N/A -
Accessories				
Additional perforated stainless steel tray	911954	911955	911955	911957
€	N/A -	N/A -	N/A -	N/A -
CO_2 pressure regulator	911752	911752	911752	911752
€	N/A -	N/A -	N/A -	N/A -
Regulator for N2	911773	911773	911773	911773
€	N/A -	N/A -	N/A -	N/A -
Options				
40 mm Ø entry port	911992	911992	911992	911992
€	N/A -	N/A -	N/A -	N/A -
Compartmentalised interior door with glass doors	-	911958	-	-
€	-	N/A -	-	-

CellXpert C170 CO_2 incubator



C170

C170i

- Capacity: 170 l
- Vibration-free: fanless chamber design
- HDT disinfection device
- Easy cleaning and disinfection: seamless chamber for straightforward disassembly
- CO_2 IR probe
- Right handle (left available, please consult us)
- Equipped with 2 access ports
- Supplied with 3 shelves

Model	C170	C170i
Display	LED	VisioNize touchscreen
High-temperature disinfection	140°C standard	180°C standard
Dim. External l x p x h (mm)	718 x 715 x 900	
Internal dim. l x w x h (mm)	539 x 445 x 692	
Weight without accessories (kg)	107	
Insulated glass interior doors	Yes	
Temperature range	Ambient temperature from +4 °C to 50 °C	
Temperature uniformity	± 0.3 °C	
CO_2 range	2 to 20 %	
CO_2 uniformity	± 0,1 %	
O2 range	-	1 to 20 %
Uniformity of O2	-	± 0,25 %
No. of shelves (standard/max)	3/8	4/8
Standard model	6734000011	6731000011
€	N/A -	N/A -
4-panel model	6734000041	6731001041
€	12770 -	N/A -

Accessory

Part no.	Designation	€
6731070093	Roller base for CellXpert C170	N/A -

Portable CO_2 mini-incubator

- ABS body
- Stainless steel water tank
- Digital adjustment of temperature and CO_2 content
- Forced ventilation
- Peltier effect heating and cooling
- Supplied with 2 stainless steel shelves (maximum of 3)
- Measurement of CO_2 concentration using an IR sensor
- Cigarette lighter adapter included

Ext. Dimensions W x D x H (mm)	292 x 333 x 433
Interior dimensions W x D x H (mm)	224 x 200 x 340
Interior volume (l)	15.2
Temperature range at ambient T °C 25 °C	15 to 45 °C
Stability at 37 °C	± 0.25 °C
CO_2 rate range	0 to 20 %
Precision CO_2 rate at 5% CO_2	± 0,1 %
Humidity % RH	80 %
Weight (kg)	6.8
Part no. Incubator	995037
€	N/A -
Part no. incubator with 12mm access port diameter	995037PA
€	N/A -



Accessory

Part no.	Designation	€
995039	Additional shelf	N/A -

Mini-incubator with CO_2

- Enclosure heating and cooling
- Digital adjustment of CO_2 and temperature
- 2 adjustable stainless steel shelves
- Water reservoir provided
- Dual-beam infrared sensor
- CO_2 regulator (optional)

2 YEARS WARRANTY

Temperature range (°C)	Ambient - 10 to + 55
Temperature accuracy at 37°C	0.25 °C
Temperature uniformity (°C)	0.5
Temperature increment (°C)	0.1
Range of CO_2	0 to 20 %
CO_2 accuracy at 5%	0.1 %
CO_2 probe	Dual-beam infrared
Hygrometry	70 to 80 %
External dimensions (L x W x H) (mm)	335 x 370 x 475
Internal dimensions (L x W x H) (mm)	260 x 235 x 325
Capacity (l)	20
Weight (kg)	6.5
Part no.	062662
€	N/A -



062662

Option

Part no.	Designation	€
062663	CO_2 regulator	N/A -



062663

New products page

Prices are indicative and excluding tax. Visit Dutscher.com

Orbital shaker-incubator with CO_2 S41i Eppendorf

eppendorf



- Natural convection with heating from the 6 faces of the tank
- Triple eccentric drive system for better agitation homogeneity
- CO_2 sensor by IR
- High-temperature vessel sterilisation function
- Access port 25 mm at the rear of the device
- Optional adapter for stacking 2 units
- Delivered without a stand, to be completed with a platform of your choice
- Supplied with a shelf and two water tanks

Interface	Tactile
Speed (rpm)	25 - 400
Orbit (mm)	25
Temperature range (°C)	Ambient +4 to +50 °C
Accuracy at 37 °C	± 0.1
Uniformity at 37 °C	± 0.25
Range of CO_2	0.2 to 20 %
Dimensions tray (mm)	360 x 610
Mode of operation	Continuous or timer
Dimensions (w x d x h) (mm)	875 x 730 x 850
Weight (kg)	152
Part no.	S41I230011
€	N/A -
Complete pack: S41i incubator shaker + universal platform for clamps + 2 adhesive mats 200 x 200 mm	S41I230111
€	N/A -

Tip

Find additional accessories (dedicated platforms, stands, clamps...) on Dutscher.com

Accessories

Part no.	Designation	€
P06286502	Stacking kit	N/A -
M13349920	Universal platform for clamps	N/A -
M12509504	Adaptation kit for adhesive mat	N/A -
M12509700	Adhesive mat 200 x 200 mm (max speed 250 rpm)	N/A -

Tube racks

Part no.	Designation	Capacity/device	€
M12890010	Rack for 60 tubes Ø 8-11 mm	3	N/A -
M12890020	Rack for 44 tubes Ø 12-15 mm	3	N/A -
M12890030	Rack for 31 tubes Ø 15-18 mm	3	N/A -
M12890040	Rack for 23 tubes Ø 18-21 mm	3	N/A -
M12890050	Rack for 16 tubes Ø 22-26 mm	3	N/A -
M12890060	Rack for 16 tubes Ø 26-30 mm	3	N/A -

Universal platform clamps

Part no.	Designation	Capacity/device	€
M11909001	Clamp for 125 ml Erlenmeyer flask	20	N/A -
M11909002	Clamp for 250 ml Erlenmeyer flask	16	N/A -
M11909003	Clamp for 500 ml Erlenmeyer flask	12	N/A -
ACSB1000S	Clamp for 1000 ml Erlenmeyer flask	10	N/A -
M11909005	Clamp for 2000 ml Erlenmeyer flask	4	N/A -
M11909005	Clamp for 2000 ml Erlenmeyer flask	5	N/A -

Orbital CO_2 incubator-shaker IncuShaker CO_2 Mini



- Ideal for culture of non-adherent cells

Shaker

- Platform with grip mat included
- Optional: Magic clamp platform and magnetic clamps

Incubator

- IR sensor for CO_2
- Temperature accuracy and uniformity at 37°C ± 0.5°C
- Temperature stability at 37 °C : 0.1 °C
- Heated outer door and glazed inner door
- Stainless steel inner tank
- Supplied with a perforated tray

Volume (l)	46
Temperature	Ambient +5 °C to 60 °C, in 0.1 °C increments
CO_2	0 to 20%, increments of 0.1
Timer	1 min. to 48 h or continuous
Agitator speed (rpm)	30 to 300
Orbit (mm)	19
Shaker platform dimensions (mm)	235 x 290
Internal tank dimensions (mm)	335 x 260 x 392
External dimensions (mm)	420 x 465 x 553
Weight (kg)	40.1
Part no.	062689
€	N/A -

Accessories

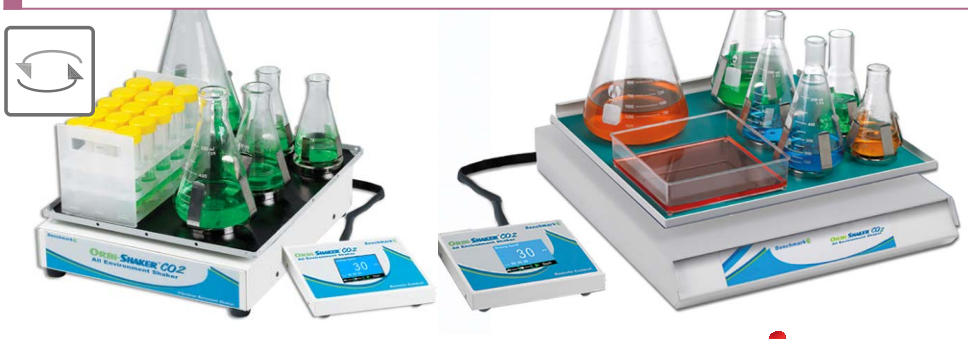
Part no.	Designation	€
062647	Adjustable clamp for Erlenmeyer 125, 150, and 500 ml	N/A -
060962	Magnetic clamp for 50 ml Erlenmeyer (max. 20)	N/A -
060961	Magnetic clamp for 125 ml Erlenmeyer (max. 12)	N/A -
060960	Magnetic clamp for 250 ml Erlenmeyer (max. 8)	N/A -
060959	Magnetic clamp for 500 ml Erlenmeyer (max. 5)	N/A -
060958	Magnetic clamp for 1 L Erlenmeyer (max. 4)	N/A -
060987	Microplate clamp (max. 4)	N/A -
060979	Clamp rack for 32 tubes of 15 ml (max. 2)	N/A -
060980	Clamp rack for 15 tubes of 50 ml (max. 2)	N/A -
060963	Clamp rack for 30 x 15 ml tubes and 20 x 50 ml tubes (max. 1)	N/A -
060978	Magnetic clamp for 4 bottles 500/600 ml (max. 1)	N/A -
062690	Adjustable rack for 15 and 50 ml tubes	N/A -

Platforms

Part no.	Designation	€
060957	Magic clamp platform to equip 235 x 290 (mm)	N/A -
060971	Dedicated platform for 4 microplates	N/A -
060972	Universal spring platform	N/A -

New products page

Orbital shaker Orbi-Shaker CO_2 and Orbi-Shaker CO_2 XL



- Ideal for use in CO_2 incubators or other extreme environments
- Remote control of speed and time prevents opening the incubator
- Magnetic feet controller capable of attaching to the walls of most incubators
- Resistant to temperatures ranging from 0 to 60 °C and humidity levels up to 100%

Model	Orbi-Shaker CO_2	Orbi-Shaker CO_2 XL
Speed (rpm)	30 - 300	
Orbit Ø (mm)	19	
Conditions to use	+0 to +60 °C / 100% RH	
Tray size (mm)	330 x 300	400 x 425
Ext. dim. (L x W x H) (mm)	300 x 340 x 90	430 x 458 x 127
Weight (kg)	11.5	23
Part no.	060977B	162508
€	N/A -	N/A -

Dutscher.com

- Supplied with standard platform and non-slip mat
- Magic Clamp compatible devices
- Magnetic platform and Magic Clamp accessories sold separately

2 YEARS WARRANTY

Orbi-Shaker CO_2 accessories

Part no.	Designation	€
060971	Dedicated platform for 4 standard microplates	N/A -
060972	Universal spring platform	N/A -
060957	Magnetic platform universal Magic Clamp 24 x 29.5 cm	N/A -
060966	Magnetic platform universal Magic Clamp 30 x 35 cm	N/A -

Orbi-Shaker accessories CO_2 XL

Part no.	Designation	€
162509	Universal Magic Clamp platform 405 x 420 mm	N/A -
060983	Universal Magic Clamp platform 457 x 457 mm	N/A -

Magic Clamp accessories *

Part no.	Designation	€
060962	Magnetic clamp for Erlenmeyer 50 ml	N/A -
060961	Magnetic clamp for Erlenmeyer 125 ml	N/A -
060960	Magnetic clamp for Erlenmeyer 250 ml	N/A -
060959	Magnetic clamp for Erlenmeyer 500 ml	N/A -
060958	Magnetic clamp for Erlenmeyer 1000 ml	N/A -
060967	Magnetic clamp for Erlenmeyer 2000 ml	N/A -
060987	Magnetic clamp for standard microplate	N/A -
060978	Magnetic rack for conical bottles 4 x 500 or 600 ml	N/A -
060963	Magnetic rack for centrifuge tubes 21 x 15 ml and 12 x 50 ml	N/A -
060979	Magnetic rack for centrifuge tubes 32 x 15ml	N/A -
060980	Magnetic rack for centrifuge tubes 15 x 50ml	N/A -

* The Magic Clamp accessories are only compatible with the platforms Magic Clamp, on compatible devices.

Orbital shaker for CO_2 incubator Thermo Scientific

thermo scientific



- Stainless steel
- External control box
- Platforms and clamps sold separately
- Magnetic displacement of the platform: no belt replacement required

2 YEARS WARRANTY

Stirring speed (rpm)	30 - 300
Orbit diameter (mm)	19
Tolerated temperatures (°C)	4 - 60
Allowed HR %	20 - 95%
Permissible CO2 level	0 - 20%
Timer	Continuously or up to 99 h 59 min
Maximum load (kg)	6
Dimensions stirrer w x d x h (mm)	300 x 300 x 96
Control unit dim. w x d x h (mm)	95 x 158 x 26
Weight (kg)	13
Part no.	079589
€	N/A -

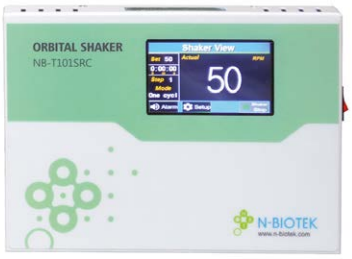
Accessories

Part no.	Designation	Max./tray	€
079591	Clamp for 50 ml Erlenmeyer flask	30	N/A -
079592	Clamp for 100 ml Erlenmeyer flask	15	N/A -
079593	Clamp for 150 ml Erlenmeyer flask	15	N/A -
079594	Clamp for 200 ml Erlenmeyer flask	15	N/A -
079595	Clamp for 250 ml Erlenmeyer flask	15	N/A -
079596	Clamp for 500 ml Erlenmeyer flask	9	N/A -
079597	Clamp for 1 l Erlenmeyer flask	6	N/A -
079598	Clamp for 2 l Erlenmeyer flask	4	N/A -
079599	Clamp for 3 l Erlenmeyer flask	2	N/A -
079600	Clamp for 5 l Erlenmeyer flask	1	N/A -
079601	Clamp for 500 ml infusion bottle	6	N/A -
079602	Clamp for 1 litre infusion bottle	6	N/A -
079603	Funnel clamp	2	N/A -
079604	Fixed rack for 40 test tubes, Ø 14 mm	2	N/A -

Part no.	Designation	Max./tray	€
079605	Fixed rack for 40 test tubes, Ø 16 mm	2	N/A -
079606	Adjustable rack for 40 test tubes Ø14mm	2	N/A -
079607	Adjustable rack for 40 test tubes Ø 16 mm	2	N/A -
079613	Clamp starter kit: 2 clamps for 100 ml Erlenmeyer flask 4 clamps for 250 ml Erlenmeyer flask 4 clamps for 500 ml Erlenmeyer flask 2 clamps for 1 litre Erlenmeyer flask 2 clamps for 2 l Erlenmeyer flask	-	N/A -
079608	Universal aluminium platform	-	N/A -
079609	Tray with rubber mat	-	N/A -
079610	Microplate holder 96 wells	6	N/A -
079611	Tray with grid	1	N/A -
079612	Adhesive mat 140 x 140 mm	4	N/A -

Shakers for CO_2 incubator

- Suitable for CO2 incubators
- Platform with control module located outside the enclosure
- Orbital shaker: 30 to 300 rpm
- Digital control and LED display
- Supplied with platform and non-slip mat for vials and Petri dishes
- Platforms (universal or dedicated) and clamps sold separately



Model	NB-101SRC	NB-T101SRC
Type of shaking	Orbital	
Stirring speed (rpm)	30 - 300	
Orbit diameter (mm)	25	
Timer	Continuous or up to 47 h 59 min	
Display and control	LED, digital control	Touch panel
Dim. shakers L x W x H (mm)	305 x 350 x 75	
Platform dimensions l x w (mm)	300 x 330	
Weight (kg)	5	
Erlenmeyer flasks capacity	16 x 100 ml / 9 x 250 ml / 5 x 500 ml / 4 x 1000 ml	
Part no.	995002	995042
€	N/A -	N/A -

995042



Platforms

Part no.	Designation	€
995003	Dedicated platform for 16 clamps for 100 ml Erlenmeyer flasks	N/A -
995004	Dedicated platform for 9 clamps for 250 ml Erlenmeyer flasks	N/A -
995005	Dedicated platform for 5 clamps for 500 ml Erlenmeyer flasks	N/A -
995006	Dedicated platform for 4 clamps for 1000 ml Erlenmeyer flasks	N/A -
995007	Platform with springs	N/A -
995008	Dedicated platform for 6 microplates	N/A -
995009	Universal platform	N/A -

Clamps

Part no.	Designation	€
995021	Clamp for 100 ml Erlenmeyer flask	N/A -
995022	Clamp for 250 ml Erlenmeyer flask	N/A -
995023	Clamp for 500 ml Erlenmeyer flask	N/A -
995024	Clamp for 1000 ml Erlenmeyer flask	N/A -

Orbital shaker for CO_2 incubator OHAUS

- Ideal for use in CO_2 incubators
- Operating temperature: -10 °C to 60 °C
- Resistant to 100% humidity
- Magnetic control module for incubator mounting
- LED display
- RS232 interface
- Gradual increase of speed: to prevent splashing
- Audible alert at the end of the timer
- Overload protection
- Supplied with a non-slip rubber mat
- Various accessories available, please contact us



Model	SHEX1619DG
Maximum capacity (kg)	16
Orbit (mm)	19
Speed (rpm)	15 to 500
Timer	1 second to 160 h
Dimensions of the shakers L x W x H (mm)	295 x 354 x 149
Case dimensions L x W x H (mm)	150 x 356 x 112
Tray dimensions (mm)	279 x 330
Part no.	192102
€	N/A -

Dedicated platforms with clamps

Part no.	Designation	€
	Dedicated platforms for	
192179	12 vials of 250 ml	N/A -
192180	8 vials of 500 ml	N/A -
192181	4 vials of 1 litre	N/A -
	Dual dedicated platform for	
192183	20 vials of 250 ml*	N/A -
192184	13 vials of 500 ml*	N/A -
192185	9 vials of 1 L*	N/A -
192155	Two-stage spacers	N/A -

* Compatible with two levels, spacer required.

Clamps and holders

Part no.	Designation	Number of clamps/ plates	€
	Stainless steel clamps for		
192189	Vial 50 ml	13	N/A -
192191	Vial 250 ml	9	N/A -
192192	Vial 500 ml	7	N/A -
192193	Vial 1000 ml	4	N/A -
192200	1000 ml bottle	2	N/A -
192207	Microplate	6	N/A -
	PVC clamps for		
192203	Vial 250 ml	8	N/A -
192204	Vial 500 ml	5	N/A -
192205	Vial 1000 ml	2	N/A -
	Stationary holder for		
192218	70 microtubes 1.5 and 2.0 ml	2	N/A -
192219	63 tubes from 10 to 13 mm	2	N/A -
192223	35 tubes of 15 ml	2	N/A -
192224	12 tubes of 50 ml	2	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

CO_2 detector



Wherever CO_2 is used, the premises must be monitored to prevent accidents.

- Fixed and waterproof (IP65)
- Digital display
- Integrated or remote CO_2 sensor
- 3 indicator lights (1 normal and 2 alarms)
- 2 adjustable alarms
- Alarm relay to control external devices
- Internal acoustic alarm 80 dB

Scale	0 to 1% (10,000 ppm) CO2
Resolution	10 ppm (CO2)
Dimensions (mm)	230 x 150 x 60
Weight (kg)	1.2

Part no.	Designation	€
854010	Dioxytest	NC -

CO_2 recorder display

rotronic MEASUREMENT SOLUTIONS



Display and recording of air temperature, humidity, and CO_2. Memory 18,000 values.

- For ambient air quality control
- NDIR sensor for CO_2
- Hygrometer sensor for humidity
- NTC sensor for temperature
- USB port for data retrieval

Measurement range	Temperature	- 20 to + 60 °C
	Humidity	0 to 100% HR
	CO_2	0 to 5000 ppm
Resolution	Temperature	0.1
	Humidity	0.1
	CO_2	1
Accuracy	Temperature	± 0.3 °C
	Humidity	< 2,5 % HR
	CO_2	± 30 ppm ± 5% of the measured value
Dimensions (mm)		330 x 250 x 50
Weight (kg)		1.4
Part no.		771800
€		N/A -

Climatic control display ambient

rotronic MEASUREMENT SOLUTIONS



- Measures and records CO_2, relative humidity and temperature
- Adjustable acoustic and visual CO_2 alarm
- Software included

IP 30

Measuring range	CO_2	0 to 5000 ppm
	Humidity	0 to 100% HR
	Temperature	-20 °C +60 °C
Accuracy	CO_2	± 30 ppm ± 5% of measurement value
	Humidity	< 2.5% HR (between 10 and 90% HR)
	Temperature	± 0.3 °C
Memory		4000 values
Dimensions (mm)		157 x 120 x 45
Weight (g)		200
Part no.		771827
€		N/A -

Air quality display



253804



- Easy to install and use
- Display of ambient air CO_2 levels
- Configurable visual alarm (green / amber / red)
- 12/24-hour clock

Temperature range	0 to + 50°C	
Humidity range	1 to 95% HR	5 to 95% HR
CO_2 range	0 to 9999 ppm	0 to 5000 ppm
Temperature resolution	0.1 °C	
Humidity resolution	1% HR	
CO_2 resolution	1 ppm	
Temperature accuracy	± 1 °C	
Humidity precision	± 3% HR	
CO_2 accuracy	± 7% or ± 100 ppm (0 to 3000 ppm) ±10% (value > 3000 ppm)	± 1 ppm (0 to 1000 ppm) ± 5 ppm (1000 - 2000) ± 10 ppm (> 2000 ppm)
Dimensions (mm)	105 x 33 x 56	120 x 33 x 66
Min / max function		•
Recording		1 million values
Weight (g)	86	103
Part no.	253804	253800
€	N/A -	N/A -

Accessory

Part no.	Designation	€
253731	Power adapter for 253804	N/A -

Air quality logger Testo 160 IAQ

- Real-time monitoring of air quality
- Alarms via email
- Cloud-based storage
- Data consultation from a PC/Smartphone/Tablet

Temperature	Measuring range	-10 to + 50°C
	Accuracy	± 0.5°C
	Resolution	0.1 °C
Humidity	Measuring range	0 to 100% HR
	Accuracy	± 2% HR (between 20 and 80% HR at 25 °C) ± 3% HR (remainder of the range at 25 °C)
	Resolution	0.1% HR
CO2	Measuring range	0 to 5000 ppm
	Accuracy	± (50 ppm +5% of measured value)
	Resolution	1 ppm
Pressure	Measuring range	600 mbar to 1100 mbar
	Accuracy	± 3 mbar
	Resolution	1 mbar
Measurement rate		15 min to 24 hours
Memory		32000 values (total of all channels)
Power supply		4 x 1.5V batteries (AA) or mains powered
Dimensions		117 x 82 x 32 mm
Weight		269 g
Part no.		157097
€		N/A -



Software: Cloud testo 160

- Recorder configuration
- Free basic version

Measurement rate	15 min to 24 h
Com. cadence	15 min to 24 h
Data storage	max. 3 months
Reports	manual (pdf or csv)
Data analysis	One channel by one channel
User count	1
Recorder number	unlimited
Alarm option	Upper/lower alarm
System message	Message in case of low battery level Wifi connection interrupted Power outage
Alarm	Per email only

Accessory

Part no.	Designation	€
057789	Sector block	N/A -

CO_2 detector for incubator

CO_2 detectors for incubator

Specifically adapted for measuring conditions in an incubator.

- Rapid and accurate measurement of CO_2 levels
- With an internal pump facilitating the measurement of gas levels
- Options for measuring O_2, humidity levels, and temperature
- Visual and audible alarms for CO_2 and O_2 levels
- Memory for up to 1000 measurements and 270 events
- Mini-USB output for data extraction
- Operates on AC adapter or Li-Ion battery (12-hour autonomy, hours with pump)

IP 40

Model	CO_2	CO_2 + O_2	CO_2 + HR	CO_2 + O_2 + HR
CO_2 measurement range	0 to 20 %			
CO_2 measurement precision	± 1% **			
O2 measurement range	-	0 to 100 %	-	0 to 100 %
O2 measurement precision	-	± 1% **	-	± 1% **
HR measurement range	-	-	0 to 100 %	
HR measurement precision	-	-	± 1,5 %	
Measurement range T (°C)*	0 to 50			
Measurement accuracy T (°C)*	± 0.1			
Barometry range	800 - 1200 mbar			
Typical pump flow rate	100 mL/min			
Dimensions W x D x H (mm)	165 x 100 x 55			
Weight (kg)	0.495			
Power supply	5V DC			
Part no.	994100	994101	994102	994103
€	N/A -	N/A -	N/A -	N/A -

* Optionally, with temperature probe part no. 994104 or 994105
** As a percentage of the measure used for calibration



Accessories

Part no.	Designation	€
994104	Temperature probe, tip l. 5 mm	N/A -
994105	Temperature probe, tip l. 100 mm	N/A -
994106	% RH probe tip Ø 4 mm	N/A -
994107	Rigid transport container	N/A -
994108	Soft carrying case with wrist strap	N/A -
994109	Data management software + USB cable	N/A -
994110	Soda-lime glass kit for zero measurement	N/A -
994111	Gas-free calibration kit, with regulator and connectors	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Lyophiliser LyopvaporTM L-200



The L-200 Freeze Dryer is a versatile benchtop device with a high degree of automation.

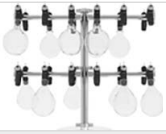
- Condenser temperature: -55 °C
- Ice production capacity up to 6 kg/24 h
- Flexible: custom configurations according to application
- Ergonomic: adjustable display on the front or side. For work in a fume hood: a second interface can be connected externally
- Sample protection: shutdown of heating beyond the set limit, or for temperatures outside the safety range
- Specific features of the freeze-drying chamber: adjustable height between each shelf

Infinite-Control™

- Remote monitoring on mobiles and tablets
- Information on process monitoring via notifications

L-200

- Basic interface
- For primary drying only
- Setting the vacuum on the screen

L-200 delivered with:	Manifold 12 positions	Manifold 24 positions	4 platforms not heated	4 platforms not ehated and 12 manifolds	6 platforms not heated	6 platforms not ehated and 12 manifolds
Configuration						
Part no. with pump Pfeiffer Duo 6	946641	946647	946653	946659	946665	946671
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. with pump Edwards nXDS6iC oil-free 6 to 10 m^3/h	946643	946649	946655	946661	946667	946673
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

L-200 Pro

- Interface Pro
- Lyovapor software and optional temperature sensor
- For samples requiring process monitoring
- Possible regulation of the heating trays

L-200 Pro delivered with:	4 heating platforms	4 heating platforms and 12 manifolds	4 heating platforms and sealing cover	6 heating platforms	6 heating platforms and 12 manifolds
Configuration					
Part no. with pump Pfeiffer Duo 6	946678	946702	946726	946750	946774
€	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. with pump Edwards nXDS6iC oil-free 6 to 10 m^3/h	946680	946704	946728	946752	946776
€	N/A -	N/A -	N/A -	N/A -	N/A -

L-200 Pro options on request:

Lyovapor software

- For the export of data and remote machine packaging

Temperature probe

- Pt1000 for end point determination and product temperature monitoring during the cycle

Options for all configurations:

Trolley

- For a mobile freeze dryer in the laboratory



Pumps depending on requirements

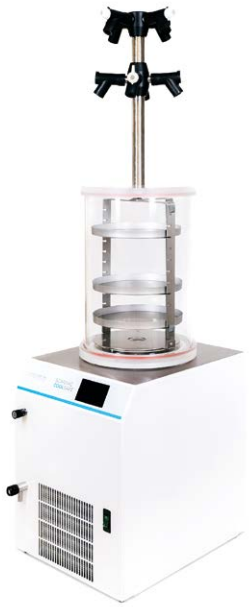
- Pfeiffer Duo 6 pump: vane pump, flow rate 5 m^3/h, ultimate vacuum
- Edwards nXDS6iC Pump: oil-free scroll pump, flow rate 6 m^3/h, ultimate vacuum

Tip
Other configurations available upon request.

CoolSafe Lyophilizers

3 versions according to the level of control

WARRANTY 1 YEAR



NEW

CoolSafe Basic

- Condenser -55 °C
- Ice production capacity of 2.5 or 4 kg/24 hrs
- Digital temperature reading
- Includes a pipe and a flange for connections to the vacuum pump and the vacuum solenoid valve
- Control via front panel interface of the device

Model	Basic 55-4	Basic 55-9
Condenser temperature	-55 °C	
Ice capacity of the condenser (kg)	3	6
Ice capacity of the condenser/24h (kg)	2.5	4
Dimensions W x D x H (cm)	50 x 40 x 52	
Power (Watts)	500	600
Weight (kg)	40	45
Part no.	745000	745019
€	N/A -	N/A -

CoolSafe Pro and Touch

- **Pro** : Digital reading of temperature and pressure
- **Touch** : For both manual and automatic operation, with optimal control and regulation of temperature, pressure, and time
- Condenser -55 °C or -95 °C in stainless steel (-100 or 110°C available upon request)
- Ice capacity of 2.5, 4, or 6 kg/24 h depending on the model
- Many accessories available
- Available in a version with a PTFE-coated condenser for corrosive products

Tip
Complete configuration available upon request.

Model	Pro				Touch			
Condenser temperature	-55 °C			-95 °C	-55 °C			-95 °C
Ice capacity of the condenser (kg)	3	7	10	10	3	7	10	10
Ice capacity of the condenser/24h (kg)	2.5	4	6	6	2.5	4	6	6
Dimensions W x D x H (cm)	50 x 40 x 52	50 x 40 x 52	62 x 50 x 74	62 x 50 x 75	-	40 x 50 x 52	62 x 50 x 75	62 x 50 x 75
Power (Watts)	500	600	600	800	800	800	800	1400
Weight (kg)	40	45	70	85	40	45	70	85
Part no.	745080	745020	745023	745024	745009	745027	745029	745030
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Chambers and Manifolds

- Wide range of options
- Racks with removable shelves
- For Safety TOUCH only: electrically heated shelves for uniform and faster drying during secondary drying

Type of medium	Cylindrical chamber 180 mm plate	Cylindrical chamber 250 mm plate	Cylindrical chamber 250 mm plate and manifold		Cylindrical chamber with a 250 mm platform featuring manual closure of vials	Cylindrical chamber 435 mm plate
						
Number of shelves delivered (possible)	2(6)	3 (12)	3 (12)	3 (12)	3	3(9)
Manifold pathways	0	0	4	8	0	0
Part no.	745053	745002	745052	745008	745046	745054
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Number of shelves delivered (possible)	-	5	5	5	3	2(5)
Part no. heating plates	-	745014	745060	745061	745064	745062
€	-	N/A -	N/A -	N/A -	N/A -	N/A -

Type of medium	Base manifold 4-way	Extension manifold 4-way	Stainless steel chamber 16 channels
			
Manifold paths or microplate capacity	4	4	12
Part no.	745016	745017	745006
€	N/A -	N/A -	N/A -

Tip
Complete configuration available upon request.

Prices are indicative and excluding tax. Visit Dutscher.com

Laboratory Lyophilisers Dara-Lyo

- Condenser -55 °C or -85 °C stainless steel
- Ice capacity of 5, 8, or 16 kg / 24 h depending on the model
- Numerous optional accessories available:
  - + Hot gas defrost system
  - + Vacuum control for cycle optimisation
  - + USB port for data export and graph generation
  - + Coolvacuum Trend software for batch/cycle data recording
  - + SCADA software for production data
  - + acquisition in compliance with FDA 21 CFR Part 11 standards
  - + Remote access
  - + Infinite condenser for continuous lyophilisation

2 YEARS WARRANTY

NEW

Tip: Complete configuration available upon request.

LyoMicron freeze dryers



Benchtop freeze dryers for small batches with or without solvents!

- Compact and efficient design
- Ice condenser capacity 5 kg / 24 h
- Capacity of up to 2800 vials
- Removable product temperature probe
- Three user levels protected by passwords

Model	LyoMicron 55	LyoMicron 85
Condenser temperature	-55 °C	-85 °C
Ice capacity of the condenser (kg)	7	
Ice capacity of the condenser/24h (kg)	5	
Number of condensers	1	2
Dimensions W x D x H (cm)	42 x 63 x 38	74 x 60 x 38
Power (Watts)	850	1100
Weight (kg)	65	85

LyoEpic and TriEpic freeze dryers



Reliable and versatile: suitable for all laboratory applications.

- Ice condenser capacity 8 kg/24 h (16 for the TriEpic)
- Capacity of up to 3650 vials
- TriEpic freeze dryers allow for shared use across multiple applications as they can be equipped with different freeze-drying chambers: infinite technology

Model	LyoEpic 55	LyoEpic 85	TriEpic 55	TriEpic 85
Ice condenser temperature	-55 °C	-85 °C	-55 °C	-85 °C
Condenser ice capacity (kg)	18		30	
Ice capacity of the condenser/24h (kg)	8		16	
Number of condensers	1	2	1	2
Dimensions W x D x H (cm)	54 x 63 x 97		184 x 63 x 97	
Power (Watts)	850	1100	850	1100
Weight (kg)	95	120	140	150

Chambers and Manifolds

Type of medium	Cylindrical chamber 6 shelves	Cylindrical chamber with manual closure of vials	12-way manifold (available in 6 and 24 ways)	Cylindrical chamber (6 shelves) and manifold 8 ways	Cubic chamber in methacrylate with 5 shelves
Tip: Configuration upon request.					

Pilot freeze dryers

LyoLabMini:

- Mobile and ultra-compact equipment with enhanced performance to function as a pilot freeze dryer

LyoLab :

- LyoLab uses the same base software as the production equipment
- Usable as a pilot or for the production of small non-aseptic batches

Tip: Contact us for further information!



Freeze dryer accessories





Tip

Contact us for further information!

Tip

Find additional accessories on page 1160





Oven for roller devices

Specifically adapted to the systems described above, whether in a modular or non-modular version.

- Ambient temperature: + 9 °C to + 50 °C
- The modular system of the base module accommodates up to 8 trays
- Possibility to add additional trays
- Electrical outlets for connecting devices indoors

Part no.	Designation	Dimensions (cm)	€
772859	Roll-In incubator with 2 windows	104 x 81 x 221	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Hydroflex Tecan microplate washer

TECAN.



- Automated washing of microplates (96 wells with round, flat, or V-shaped bottoms) or strips
- Applications: ELISA washing, gentle washing for cells, washing for protein arrays
- Options:
  - vacuum filtration for PCR clean-up*
  - separation and washing with magnetic beads**
  - liquid level detection*
- Intuitive control and programming via a 5.7-inch touch screen or computer (not provided), facilitated by the included Hydro-control software
- Wash head 8 channels (16 channels optional*)
- Supplied with 2 wash bottles (up to 4 optional*)
- Available in various colours: white, red*, yellow*, orange*, or blue*

* Options not included in configuration 691002, please contact us
** Requires the Smart2 MBS option

Part no.	Designation	€
691002	White Hydroflex microplate washer, installation and e-training	N/A -
691010	Smart2 MBS option for Hydroflex washer	N/A -

Hydrospeed Tecan microplate washer

TECAN.



- Automated and rapid washing of 96 or 384* well microplates
- Applications: ELISA washing or cell washing, even for weakly adherent cells
- Options :
  - washing and separation of magnetic beads by vacuum filtration*
  - washing and separation by magnetic bead system**
- Automated change of four liquid buffers and plate shaking capacity
- Intuitive control and programming via a 5.7-inch touch screen or computer (not provided), facilitated by the included Hydro-control software
- Wash head 96 channels (384 channels optional*)

* Options not included in configuration 691003, please contact us
** Requires the Smart2 MBS option

Part no.	Designation	€
691003	Hydrospeed microplate washer, 96-channel head, installation and e-training	N/A -
691010	Smart2 MBS option for washer Hydrospeed	N/A -

APW-200 microplate washer



- For 96-well flat-bottom plates, U, V or C
- Sold complete with 8 and 12 needle wash heads, three bottles for wash buffer, and one waste collection bottle
- Washing head precision to 0.1 mm
- Low residual volume
- 3 stirring speeds (low, medium, high) with an amplitude of 8 mm
- Automatic alarm at the end of the wash cycle

Screen	LCD display 4.3"
Spray heads*	1 x 8/ 96 or 1 x 12/96
Wash bottle*	3 x 2.5 l
Waste collection bottle*	1 x 2.5 l
Washing method	1, 2 or multi points
Recordable wash programs	100
Wash volume (µl)	50-2000
Residual/wells volume (µl)	‹ 1
Washing time	1-99 min
Washing liquid channels	3
Connection	USB
Dimensions L x D x H (mm)	460 x 200 x 345
Weight (kg)	11.5
Part no.	531550
€	N/A -

Accessories

Part no.	Designation	€
531551	Wash head 1 x 8 for 96-well plates	N/A -
531552	Wash head 1 x 12 for 96-well plates	N/A -
531553	Vial for wash buffer	N/A -
531554	Waste recovery vessel	N/A -

WELLWASH and WELLWASH VERSA Strip Washers

WELLWASH

- Easy programming of wash protocols thanks to a large format colour screen and a visual user interface
- Internal software available in 8 languages, including French
- USB port for transferring protocols from one washer to another and easily updating the firmware
- Scanning mode ensuring a very low residual volume in wells

Supplied with 1 washing head 1 x 8 or 1 x 12, 1 washing bottle 2 L, 1 waste collection bottle 2 L, 1 aerosol protection lid

WELLWASH VERSA

- Dual spray heads 2 x 8 or 2 x 12
- 2 washing bottles and one rinsing bottle for increased flexibility
- 2 x 8 wash heads specifically designed for cell washing
- An optional 1 x 16 wash head for washing 384-well plates
- Automatable

Supplied with 1 washing head 2 x 8 or 2 x 12, 2 washing bottles 2 l, 1 rinsing bottle 2 l, 1 waste collection bottle 4 l, 1 anti-aerosol cap



Model	WELLWASH	WELLWASH VERSA
Number of wash buffers	1	Up to 3
Wash bottle	2 l	2 x 2 l
Recovery bottle of waste	2 l	4 l
Rinse bottle	-	2 l
Possible spray heads	1 x 8 and 1 x 12	1 x 8, 1 x 12, 2 x 8, 2 x 12 and 1 x 16
Cell washing heads	-	1 x 8 and 2 x 8
Types of microplates	96-well plates	Microplates 96 and 384 wells
Wash volume	50 - 1000 µl	50-1000 µl (96), 20-300 µl (384)
Priming volume	5 - 100 ml	5-100 mL
Rinse volume	5 - 100 ml	5-100 mL
Volume dispensed	50 - 400µl	50-400µl (96), 20-120µl (384)
Residual volume	‹ 1.5 µl	‹ 1.5 µl
Import/Export connection	USB port	USB port
Compatible with a robot	No	Yes (RS-232C)
Dimensions H x W x D (mm)	345 x 385 x 240	345 x 385 x 240
Weight (kg)	9	9
Part no. (model 1 x 8)	228130	-
€	N/A -	-
Part no. (model 2 x 8)	-	228131
€	-	N/A -
Part no. (model 1 x 12)	228548	-
€	N/A -	-
Part no. (model 2 x 12)	-	228549
€	-	N/A -



Accessories for WELLWASH and WELLWASH VERSA

Part no.	Designation	Reference photos	For WELLWASH	For WELLWASH VERSA	€
228132	Wash head 1 x 8 channels	At	x	x	N/A -
228133	Wash head 1 x 12 channels	At	x	x	N/A -
228134	Head for cellular washing 2 x 8 channels	-	-	x	N/A -
228135	Wash head 1 x 16 channels	At	-	x	N/A -
228136	Wash head empty (white)	At	-	x	N/A -
228137	Wash bottle 2 L	B	x	-	N/A -
228138	Waste bottle 2 L	B	x	-	N/A -
228139	Wash bottle A 2 L	C	-	x	N/A -
228140	Wash bottle B 2 L	C	-	x	N/A -
228143	Wash bottle A round 4 L	F	x	x	N/A -
228144	Wash bottle B round 4 L	F	-	x	N/A -
228141	Rinse bottle 2 L	D	-	x	N/A -
228145	Rinse bottle 4 L	F	-	x	N/A -
228142	Square waste collection bottle 4 L	E	x	x	N/A -
228146	Rectangular waste collection bottle 9 L	G	-	x	N/A -
228147	Special anti-aerosol lid	-	x	-	N/A -
228148	Special anti-aerosol lid	-	-	x	N/A -
228149	Rack for vials, configuration 1 x 2, 2 vials of 2 L	H	x	-	N/A -
228150	Rack for vials, configuration 2 x 2, 3 vials of 2 L and 1 square vial of 4 L	I	-	x	N/A -
228151	Rack for vials, configuration 1 x 4, 3 vials of 2 L and 1 square vial of 4 L	J	-	x	N/A -
228152	Special rack for user's vials	-	x	x	N/A -
228153	Storage flask 2 L	K1	x	x	N/A -
228154	Storage flask 4 L round	K2	x	x	N/A -





Prices are indicative and excluding tax. Visit Dutscher.com

Miele washer-disinfectors PG8583 and PG8583 CD





- Baskets with enhanced capacity
- For liquid detergent or powder detergent
- Front loading of baskets with drop-down door
- User-friendly interface for comfortable and efficient use
- Numerous available programs, open-source and customisable programs
- Device for placing or integrating beneath a work surface
- Large tank with 2 washing levels: lower rack and upper rack (up to 128 laboratory bottles)
- Electronic door locking mechanism and automatic release at 70 °C
- Maximum temperature 93 °C
- New baskets and modules that optimise washing
- With drying (model PG8583 CD)

	Washer-disinfector PG 8583 without drying device		Washer-disinfector PG 8583 CD with drying unit
Capacity per load	128 vials or 98 pipettes		
Built-in	Yes (supplied with removable cover)		Yes (delivered without cover)
Flow rate of the circulation pump [Qmax. l/min]	500		
Programmes	15		16
Acoustic signal at the end of the program	Yes		
Program interruption security	Yes		
Drying device	Yes		
Power supply	3 N AC 400 V 50 Hz/switchable to 2 N AC 400 V 50 Hz		
Water inlet	1 x hot water, 2 x cold water, 1 drainage		
1 dispenser/interior door for liquid products (rinse aid)	Yes		Yes
Drawer for two 5-litre containers (detergents)	No		Yes (3 x 5 L or 2 x 10 L)
Possibility of connection	Yes		Yes
Overall dimensions H x W x D (mm) (without top H 820 mm)	835 x 600 x 600		820 x 900 x 600
Weight (kg)	74		98
Model	**For powdered detergent**	**For liquid detergent**	**For liquid detergent**
PG8583 and PG8583 CD washer-disinfectors with stainless steel casing and pump for demineralized water	933362	933363	933394
€	N/A -	N/A -	N/A -

Stainless steel cover - mandatory accessory for PG 8583 CD

(only if the washer is not built under the bench, as it is delivered without a top).

Part no.	Designation	Dimensions L x W (cm)	€
933396	Stainless steel top for model PG8583 CD	90 x 70	N/A -

Plinths - optional accessories for PG 8583 and PG 8583 CD

Part no.	Designation	Dimensions L x W (cm)	€
933367	Base for PG8583	30 x 60 x 60	N/A -
933368	Base for PG8583 CD	30 x 90 x 60	N/A -

Mandatory service provision

Installation contract including installation (connection to standby), commissioning and after-sales service of the equipment, during the contractual warranty period of two years.

Part no.	Designation	€
933339B	Installation-commissioning-after sales service for 60 cm device PG8583	N/A -
933340B	Installation-commissioning-after-sales service for 90 cm device PG8583 CD	N/A -

Baskets with injection for modules

To be completed with 2 maximum injection modules or non-injection supplements.



933372



933373

Part no.	Designation	€
933372	Upper basket with A100 injection	N/A -
933373	Lower basket with A150 injection for 2 injection modules	N/A -

Non-injection baskets for supplements

Frontal opening. Delivered empty for various supplements, cannot accommodate injection modules.



933369



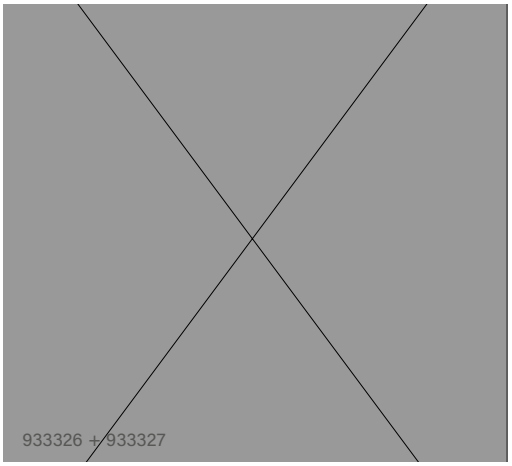
933371

Part no.	Designation	Dimensions H x W x D (mm)	€
933369	Upper basket A101 with integrated wash arm*	206 x 528 x 527	N/A -
933371	Lower basket A151	88 x 529 x 522	N/A -

*Loading height 160 mm (± 3 mm); height adjustable

Washer-disinfectors Miele PG8583 and PG8583 CD - continued

Accessories for test tubes, beakers, assorted glassware for baskets A100, A150, and A101, A151







Part no.	Designation	Dimensions H x L x W (mm)	Capacity In tubes	€
933325	Stainless steel lid A 13 for Complement E103/1, E105/1 with 1 mm mesh size, 8 mm grid, 4 mm frame	-	-	N/A -
933326	Half supplement AK12 for beakers and various wide-neck glassware. For upper and lower racks	67/127 x 225 x 442	-	N/A -
933327	Right half stainless steel lid A14 for AK12 Matrix 7 x 7 mm, spacer 3 mm. For holding small beakers and small components such as stoppers	20 x 210 x 210	-	N/A -
933329	Semi-complement E106 with 10 hooks of 175 mm and 16 hooks of 105 mm, approximately 60 mm spacing, for lower racks. For various wide-neck glassware	186 x 195 x 430	-	N/A -
933328	Half insert E109 for 21 beakers with a capacity up to 250 ml, 21 x 3 holders, for lower racks	155 x 230 x 460	-	N/A -

Exclusive loading modules EasyLoad

- For carts 933372 and 933373
- Carts accommodate 1 or 2 modules

Part no.	Designation	€
933504	Injector module A 300/3 2 x 4 injectors 4 x A840 (6 x 130 mm) 4 x A841 (6 x 210 mm)	N/A -
933507	Injector module A 301/5 3 x 6 injectors with 9 x A 842 (4 x 90 mm) and 9 x A 843 (4 x 185 mm)	N/A -
933510	Injector module A 302/3 4 x 8 injectors with 16 x A 844 (2.5 x 80 mm) and (2.5 x 125 mm)	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

GETINGE Ultima LX Washers



- Built-in under-counter models 815 AC or LX: efficiency and space optimisation
- Models with ergonomic loading height 1300 LX Ultima and 1400 LX Ultima: high capacity and low footprint
- 3.5" colour touchscreen - Prolux automate
- Front USB port for cycle data retrieval and traceability
- Self-diagnostic program with display of anomalies and visual and auditory alarms
- Bodywork, tank, door, and chassis made of stainless steel
- Two or three-tier simultaneous washing models with basket connections to injectors without pressure loss
- Rotary wash arms at the bottom and top of the tank
- Very wide range of accessories: grid baskets, injector baskets, and mixed baskets
- Low noise level
- Power supply: to be selected according to configuration
- For each model, 2 versions are available:
  - a standard version ST
  - a qualified version (AD)
  - IQ/OQ service upon request



Model	815 AC Ultima	815 LX Ultima	1300 LX Ultima	1400 LXP Ultima
Internal dimensions L x W x H (mm) External dimensions L x W x H (mm)	535 x 498 x 520 609 x 850 x 739	535 x 498 x 520 609 x 850 x 739	535 x 644 x 520 609 x 1,643 x 752	626 x 773 x 629 789 x 1,731 x 808
Wash level	2	2	3	3
380/400V T+T+N 50 Hz	380/400V T+T+N 50 Hz	380/400V T+T+N 50 Hz	380/400V T+T+N 50 Hz	380/400V T+T+N 50 Hz
Glass door	No	Yes	Yes	Yes
Condenser	Yes	Yes	Yes	Yes
Cooling of wastewater	No	Yes	Yes	Yes
Neutralisation of effluents	No	Yes	Yes	Yes
Product intake with level sensor	Yes	Yes	Yes	Yes
1 container LLL + 1 container NLL	Yes	Yes	Yes	Yes
Emergency stop	No	No	Yes	Yes
Stainless steel hydraulic circuit	No	No	Yes	Yes
Softener	No	No	Yes	Yes
Product intake with level sensor	No	No	Yes	Yes
Drying	Drying by air blown directly into the vessel	By air blown directly into the vessel	By air blown into the vessel and through the injectors	Super drying
Part no. - ST models	332230	332030	332042	332056
€	N/A -	N/A -	N/A -	N/A -
Part no. - AD Models	-	332031	332043	332057
€	-	N/A -	N/A -	N/A -
Pre-visit + Installation + Training (Getinge France) MANDATORY	-	332032	332044	332058
€	-	N/A -	N/A -	N/A -
On-site qualification (SAT) for AD models	-	332033	332045	332059
€	-	N/A -	N/A -	N/A -

Options	Part no.	€	Part no.	€	Part no.	€	Part no.	€
220/240V SINGLE PHASE + T 50 HZ	332034	N/A -	332034	N/A -	332046	N/A -	-	-
220/240V TRI + T 50 HZ	332035	N/A -	332035	N/A -	332047	N/A -	332060	N/A -
380/400V T+T+Isolation transformer	-	-	-	-	332048	N/A -	332061	N/A -
Elevation base for 815 LX packaged	332036	N/A -	332036	N/A -	-	-	-	-
Low pressure kit	332037	N/A -	332037	N/A -	332049	N/A -	332062	N/A -
RS232 and Ethernet port (printer)	-	-	332038	N/A -	332051	N/A -	332064	N/A -
Dry contacts package (3)	-	-	-	-	332050	N/A -	332063	N/A -
Stainless steel column and outlet	-	-	332039	N/A -	-	-	-	-

Getinge Ultima LX washers (continued)

Baskets

Part no.	Designation	€
	Baskets for washers 815AC / 815 LX and 1300 LX For baskets for 1400 LX: please contact us	
	Simple baskets	
332085	PST - Single Basket	N/A -
332086	PSBT - Single basket with arm	N/A -
	Mixed baskets	
332134	PS/100PIP - Single Mixed Basket + 100 pipettes	N/A -
332135	25PIP/24IXLC - mixed kit of 25 pipettes + 24 long & short injectors	N/A -
332136	25PIP/30IXLC - mixed kit of 25 pipettes + 30 long & short injectors	N/A -
332137	4EP/14IXC/PS - mixed basket 4 inclined test tubes + 14 short injectors + single	N/A -
332138	4EP/28IXLC - mixed rack with 4 angled test tubes + 28 long & short injectors	N/A -
332139	50PIP/30IXLC - mixed kit of 50 pipettes + 30 long & short injectors	N/A -
332140	PS/21IXLC/25PIP - simple mixed kit + 25 pipettes + 21 long & short injectors	N/A -
332141	PS/27IXLC - single mixed basket + 27 long & short injectors	N/A -
332142	34 IXC/ 14 IXA - mixed basket 34 short injectors + 14 needle injectors	N/A -

Find photos of the baskets for Ultima LX GETINGE Washers on Dutscher.com

Part no.	Designation	€
	Baskets for washers 815AC / 815 LX and 1300 LX For baskets for 1400 LX: please contact us	
	Long injector baskets (H: 144 mm)	
332101	1 IXL - 1 long injector basket	N/A -
332102	2 IXL - 2 long injectors basket	N/A -
332103	4 IXL DIFF - 4 long injector basket with diffuser beads	N/A -
332104	5 IXL - 5 long injectors basket	N/A -
332105	9 IXL - 9 long injectors basket	N/A -
332106	12 IXL - 12 long injectors basket	N/A -
332107	20 IXL - 20 long injectors basket	N/A -
332108	36 IXL - 36 long injectors basket	N/A -
332109	48 IXL - 48 long injectors basket	N/A -
332110	64 IXL - 64 long injectors basket	N/A -
332111	100 IXL - 100 long injectors basket	N/A -
	Short injector baskets (H: 63 mm)	
332112	27 IXC 1/2 - half basket 27 short injectors	N/A -
332113	36 IXC - 36 short injectors basket	N/A -
332114	41 IXC - 41 short injectors basket	N/A -
332115	48 IXC - 48 short injectors basket	N/A -
332116	64 IXC - 64 short injectors basket	N/A -
332117	100 IXC - 100 short injectors basket	N/A -
	Mixed injector baskets	
332127	36 IXLC - 36 long & short injectors basket	N/A -
332128	48 IXLC - 48 long & short injectors basket	N/A -
332129	48 IXLCA - 48 long, short and needle injectors basket	N/A -
332130	64 IXA/2 - 64 short 1/2 needle injectors basket	N/A -
332131	64 IXLC - 64 long & short injectors basket	N/A -
332132	100 IXA/2 - 100 short 1/2 needle injectors basket	N/A -
332133	100 IXLC - 100 long & short injectors basket	N/A -

Accessories

Part no.	Designation	€
331701	Liquid neutraliser NLL 10 litres	N/A -
331700B	Liquid detergent LLL 10 litres	N/A -
331705B	Regenerating salt - 2 kg	N/A -



331701



331705B

Prices are indicative and excluding tax. Visit Dutscher.com

Tecan microplate readers





- Delivered with Magellan software for data control, acquisition, and processing
- Control via computer (not provided)
- Installation and e-training included

Infinite F50 microplate reader

- Accurate and rapid absorbance reading (< 8 s) in 96-well microplates
- Applications: absorbance reading (ELISA,...), kinetics, multi-label
- 8-position filter wheel (various filters available as options*)

Spectre	400 to 700 nm
Provided filters	405, 450, 492, and 620 nm
Stirring	Linear
Incubator	No
Part no.	691004
€	**N/A -**

* Options not included in configuration 691004, please contact us

Microplate reader Sunrise

- Accurate and rapid absorbance reading (< 6 s) in 96-well microplates
- Applications: routine absorbance reading (ELISA, MTT, BCA, etc.), kinetics (bacterial growth)
- 4-position filter strip (or 6 positions, or optional visible "monochromatic" filter*)
- Numerous optional filters*, easily interchangeable

Model	**Sunrise**	**Sunrise with incubator**
Spectre	340 to 750 nm	
Provided filters	405, 450, 492, and 620 nm	
Stirring	Linear	
Incubator	No	Up to 42 °C
Part no.	691006	691007
€	**N/A -**	**N/A -**

* Options not included in configurations 691006 and 691007, please contact us

Infinite M-Nano and M-Plex monochromator microplate readers





- Monochromator microplate readers for 6 to 384 well plates
- Optional measurements in cuvettes and microvolume (NanoQuant Plate)*
- NanoQuant Plate*: measures up to 16 samples simultaneously in microvolumes for nucleic acid or protein quantification
- Linear and orbital agitation and incubator up to 42°C
- Equipped with a model-based injection system

Equipped with one to three technologies depending on the model :

+ Absorbance - monochromator (230 to 1000 nm)
  Applications: endpoint, kinetics, spectral scanning, well scanning,...
+ Fluorescence from above and/or below (excitation: 230-850 nm)
  Applications: TRF, FRET, TR-FRET, excitation/emission spectrum
+ Luminescence (280-600 nm)
  Applications: flash or glow luminescence

Part no.	Designation	€
691008	Infinite M-Nano plate reader, absorbance	N/A -
691005	Infinite M-Nano plate reader, absorbance, with injector	N/A -
691000	Infinite M-Plex plate reader, absorbance, fluorescence, luminescence	N/A -
691001	Infinite M-Plex plate reader, absorbance, fluorescence, luminescence, with injector	N/A -

Options not included, please contact us

Spark monochromator microplate reader





- Device configurable to order according to the desired technologies, options, and accessories:
  - Technologies: absorbance, fluorescence, luminescence
  - Te-Cool: temperature control system allowing cooling down to 18 °C and heating up to 42 °C
  - Automated cellular imaging system: cell counting, viability analysis
  - Humidity cassette: integrated anti-evaporation system to enhance kinetic assays of live cells
  - Cell Chips: innovative cellular chips for counting cells in suspension
  - NanoQuant Plate: measures up to 16 samples simultaneously in microvolumes for nucleic acid or protein assays
  - Accessories: injectors, Spark-Stark stacker, QC tools and qualification service

Contact us to obtain the configuration that meets your requirements!

Victor Nivo Revvity plate readers

- Accept all plate formats from 6 to 1536 wells
- Integrate all common detection technologies depending on the model:
  - luminescence
  - UV-visible absorbance (260 - 280 nm; 340 - 1000 nm)
  - top and bottom fluorescence (340 - 850 nm)
  - time-resolved fluorescence (TRF/HTRF, TR-FRET, DELFIA, LANCE)
  - polarised fluorescence (400 - 850 nm)
- Reading from the top and bottom: endpoint, kinetic, and well scanning mode
- Agitations: linear, orbital, double orbital
- Temperature control up to 65°C
- Control via intuitive software with predefined programs (requires a computer or tablet)
- Also includes the MyAssays Desktop Standard software for data analysis
- Connectivity: wireless Wi-Fi or network, compatible with all operating systems
- Available options*:
  - dual injectors for real-time monitoring of the effects of reagent additions
  - CO_2 and O_2 control for working with live cells or under hypoxic conditions
  - tablet or computer
  - 32 interchangeable filters
- W x D x H: 50 x 15 x 27 cm
- Weight: 15 kg



Model	Victor Nivo 3F	Victor Nivo 3S
Absorbance by filter	Yes	-
Absorbance by spectrometer	-	Yes
Luminescence	Yes	Yes
Fluorescence Intensity	Yes	Yes
Time-resolved fluorescence	-	-
Polarised fluorescence	-	-
Part no.	396532	396534
€	N/A -	N/A -
Part no. Revvity with Alpha Technologies	396592	396593
€	N/A -	N/A -

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* Find all available options on Dutscher.com

Revvity cell viability quantification kits

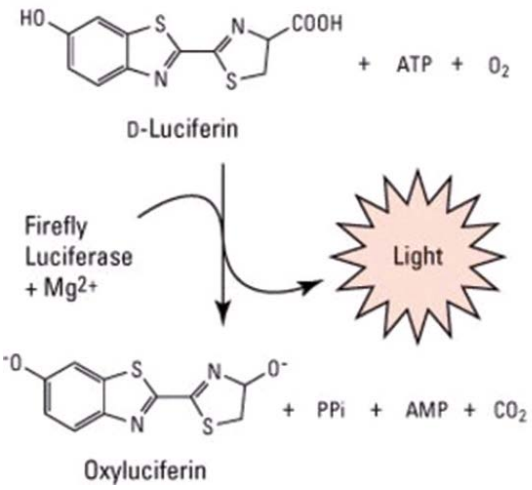
- Kits for studying cell viability via luminescence
- Ideal for the analysis of low-volume samples, on 96 to 1536-well microplates
- Based on ATP detection using firefly luciferase
- The light produced as a result of the luciferase reaction on the luciferin provided by the kit is proportional to the ATP concentration.
- The light signal produced by the reaction can be quantified using a plate reader
- The ATPlite 3D kit is recommended for 3D applications on spheroid cells
- Simple and reproducible
- Storage 2 - 8 °C



	ATPLite and ATPlite 3D	ATPlite 1Step
Number of steps	2	1
Half-life (minutes)	240	30
Strength	High stability	High sensitivity

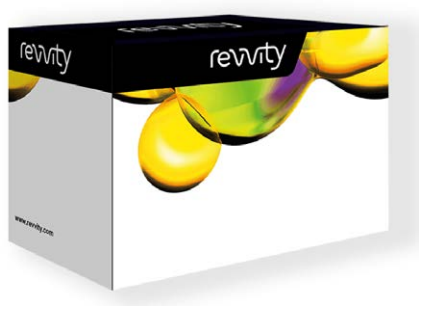
Part no.	Designation	Quantity (ml)	Number of tests in 96-well plates	€
396524	ATPlite viability quantification kit	30	300	N/A -
396523	ATPlite viability quantification kit	100	1000	N/A -
396525	ATPlite viability quantification kit	500	5000	N/A -
396526	ATPlite viability quantification kit	1 000	10000	N/A -
396521	ATPlite 1 step kit	10	100	N/A -
396520	ATPlite 1 step kit	100	1000	N/A -
396522	ATPlite 1 step kit	1000	10000	N/A -
396530	ATPlite 3D kit *	10	100	N/A -
396531	ATPlite 3D kit *	30	400	N/A -

* Kits also including a 96-well CellCarrier ULA spheroid microplate, an Optiplate 96-HS microplate, and 4 TopSeam-A PLUS plate adhesives



Prices are indicative and excluding tax. Visit Dutscher.com

Revvity luciferase expression assay substrate kits



- Substrate kits for measuring luciferase expression in mammalian cells in microplate format using a plate reader (mammalian cells must have been previously transformed to express luciferase)
- The TwinLite kits enable the simultaneous measurement of firefly and renilla luciferase expression
- Very high sensitivity
- Ideal for the analysis of low volume samples, on 96 to 1536 well microplates (depending on the kit)
- The quantification of luciferase expression can then be measured using a plate reader
- Rapid: mixing of the freeze dried substrate and the buffer solution, incubation and reading
- Contain compounds facilitating cell lysis and enzymatic expression
- No washing step required
- Conservation : 2 - 8 °C

Kit	SensiLite	BriteLite Plus	NeoLite	SteadyLite Plus	TwinLite
Half-life of the signal (minutes)	Low, direct readout	30	150	240 to 300	Low, direct readout
Recommended plate format	96 to 384 wells	96/384/1536	96/384/1536	96/384/1536	96/384
Sensitivity	++++	+++	++	+	+++++

Part no.	Designation	Quantity (ml)	Number of tests in 96-well plates	€
396501	BriteLite plus kit	10	100	N/A -
396500	BriteLite plus kit	100	1000	N/A -
396502	BriteLite plus kit	1000	10000	N/A -
396506	NeoLite kit	10	100	N/A -
396505	NeoLite kit	100	1000	N/A -
396507	NeoLite kit	1000	10000	N/A -

Part no.	Designation	Quantity (ml)	Number of tests in 96-well plates	€
396509	SteadyLite plus kit	10	100	N/A -
396508	SteadyLite plus kit	100	1000	N/A -
396510	SteadyLite plus kit	1000	10000	N/A -
396518	SensiLite kit	100	100	N/A -
396519	SensiLite kit	1000	1000	N/A -
396516	TwinLite kit	100	100	N/A -
396517	TwinLite kit	1000	1000	N/A -

AMR-100 microplate readers



- Routine measurement of absorbance and concentration on 96-well plates
- Intuitive control via a 7" touchscreen or through a computer using the optional Readerit-I software
- Internal software for data management and analysis (blank subtraction, calibration curve, kinetics calculation, report generation, etc.)
- 8-position filter wheel, equipped with 4 standard filters (405, 450, 492, and 630 nm)
- Numerous filters available in the range of 340 to 750 nm upon request
- Three-speed microplate shaker with duration programming
- Available with or without temperature control up to 50°C
- Optional printer

	AMR-100	AMR-100T
Light source	Quartz-halogen lamp 6 V/10 W	
Wavelength range	340-750 nm (including filters 405, 450, 492, and 630 nm)	
Semi-bandwidth	3- 9 nm	
Reading time of a 96-well plate	< 6 s	
Temperature control	No	+5 °C to 50 °C
Stirring	3 modes: slow, medium, and fast	
Memory	200 programmes	
Port communication	3 USB ports	
Dimensions (L x W x H) (mm)	295 x 440 x 225	
Weight (kg)	10	11
Part no.	531533	531593
€	N/A -	N/A -

Options

Part no.	Designation	€
531545	Software for controlling the AMR-100(T) plate reader via a PC	N/A -
531534	Printer for AMR-100, FLUO-100, FLEXA-200, GENE-8C and GENE-8C2	N/A -
531535	Printer paper	N/A -

AMR-Mini and AMR-MiniT microplate readers

ALLSHENG

- Filter-based microplate readers for 96-well plates
- Applications: ELISAs, protein concentration measurements, kinetics, cell viability and proliferation assays, cytotoxicity and apoptosis
- Compact design and intuitive control via Bluetooth or USB with Android tablet or phone
- LED light source with low energy consumption, maintenance-free, and long lifespan
- Interchangeable filters 450/630 nm and 405/492 nm (other wavelengths available as options)
- ReaderIt-Mini software included for blank subtraction, calibration curve creation, kinetic analysis, quantitative analysis, and data management
- Available with or without an incubation function
- Supplied with an Android tablet



Model	AMR-Mini	AMR-Mini T
Light source	LEDs	
Wavelength range (nm)	400 - 750	
Filters provided (nm)	450/630, 405/492	
Read speed (96 wells)	< 15 s (single wavelength) < 28 s (dual wavelength)	
Incubation temperature (°C)	-	From ambient + 4 to 45
Communication port	USB Type-C, USB-A	
Dimensions W x D x H (mm)	135 x 225 x 89	135 x 245 x 91
Weight (kg)	2	2.5
Part no.	531722	531723
€	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Automated Microplate Readers MULTISKAN FC and SKYHIGH

thermo scientific



MULTISKAN FC

MULTISKAN FC

- Filter photometer for 96-well microplates (FC) or 96 and 384-well plates (FC Incubator)
- Can be operated independently or via SkanIt® software offering a multilingual interface
- Option to save the results on a USB drive
- Pre-set sessions for SkanIt® software downloadable via the Internet for the most commonly used analyses
- Equipped with an agitator and an optional incubator adaptable to a wide range of photometry applications such as endpoint measurements, dual-wavelength, and kinetic analyses
- Wide spectral range 340 - 850 nm
- Agitation, incubation (optional)
- 96-well plate reading in 6 seconds
- Robotics compatible



MULTISKAN SKYHIGH

MULTISKAN SKYHIGH

UV-visible spectrophotometer with monochromator.

- For microplates with 6, 12, 24, 48, 96, and 384 wells, with or without lids, and for cuvettes
- Reads a 96-well plate in less than 6 seconds and a 384-well plate in less than 10 seconds
- Wide spectral range 200 - 1000 nm
- Selectable agitation speed
- Independently operable or via SkanIt® software, offering a multilingual interface (9 languages)
- Recording and transferring data onto a USB drive
- Compatible with the µDrop plate (16 samples) and µDrop Duo (32 samples) for nucleic acid quantification in microvolumes (2 µl to 10 µl)
- Automatic device standby
- Large colour touchscreen (depending on the models)
- Reduced power consumption
- Robotics compatible

Dutscher.com

Model	MULTISKAN FC		MULTISKAN SKYHIGH				
	Without incubator	With incubator	For microplates without display	For microplates with touch screen	For microplates and cuvette holder with touch screen	For microplates and µDrop Duo plate, with touch screen	For microplates, cuvette holder, and µDrop Duo plate with touch screen
Light source	6V/10W lamp		Xenon Flash lamp				
Spectre	340- 850 nm		200- 1000 nm				
Provided filters (8-position filter wheel)	405 nm, 450 nm and 620 nm		-				
Stirring	Adjustable linear speed with three settings: slow, medium, and fast		Linear				
Robotic compatibility	Yes						
Screen and keyboard	-		Touchscreen or without screen for computer control with Skanit software				
Internal memory	At least 100 protocols and 100 results		NC				
Type of external printer	HP PCL5		-				
Communication	PC connection, USB key recording, USB port printer		1 USB B port for computer, 1 Ethernet port, 3 USB A ports for devices (USB peripheral and Wi-Fi dongle)				
Incubator version	From ambient +4 °C to +50 °C (optional)		Of Ambient + 4 °C to + 45 °C				
Power consumption	Max. 100 W		-				
Dim. H x L x W (mm)	210 x 290 x 400		265 x 295 x 445				
Weight (kg)	8.5		10.8				
Part no.	047961	047965	229254	229251	229252	229255	229256
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Additional filters available. Consult us

Accessories

Part no.	Designation	€
047920	Multiskan FC verification plate	N/A -
228536	Multiskan GO and SKYHIGH verification plate	N/A -
228466	µDrop plate 16 samples	N/A -
229257	µDrop Duo plate 32 samples	N/A -

Tip

See UV plates on page 358

Multidrop Combi microplate reagent dispensers

thermo scientific



- Rapid and accurate distribution
- Compact, for easy integration on your robots or on the bench
- Ease of use and programming
- Easy maintenance with autoclavable distribution cassettes
- Monitoring cassette wear using an RFID chip
- Recovery of dead volume for expensive reagents
- Automatable (contact us)
- Delivered with the FILLit software

Multidrop Combi SMART+ :

+ Propose an advanced traceability system integrated with the Multidrop Combi dispenser
+ Improves the reliability and traceability of the cassette's lifespan

Model	Multidrop Combi nL	Multidrop Combi+	Multidrop Combi SMART+
Type of plates	96, 384, and 1536 wells, deepwells	6, 96, 384 and 1536 wells, deepwells	6, 96, 384 and 1536 wells, deepwells
Volume range	50 nl to 50 µl	0.5 to 2,500 µl	0.5 to 2,500 µl
Filling capacity	Peristaltic pump	Peristaltic pump	Pressure relief valve
Distribution velocity	384-well plate: 50 nl in 6 seconds, 1 µl in 8 seconds 1536-well plate: 50 nl in 21 seconds, 1 µl in 27 seconds	96-well plate: 10 µl in 5 seconds, 20 µl in 5 seconds, 100 µl in 10 seconds 384-well plate: 1 µl in 6 seconds, 5 µl in 9 seconds, 10 µl in 13 seconds, 20 µl in 21 seconds 1536-well plate: 1 µl in 15 seconds, 5 µl in 28 seconds	96-well plate: 10 µl in 5 seconds, 20 µl in 5 seconds, 100 µl in 10 seconds 384-well plate: 1 µl in 6 seconds, 5 µl in 9 seconds, 10 µl in 13 seconds, 20 µl in 21 seconds 1536-well plate: 1 µl in 15 seconds, 5 µl in 28 seconds
Dead volume	‹ 1.2 ml	‹ 1 ml	‹ 1 ml
Dim. L x D x H cm	35.5 x 37.5 x 22	35.5 x 22 x 33	35.5 x 22 x 33
Weight (kg)	9.6	9.1	9.1
Part no.	228426	230009	230010
€	N/A -	N/A -	N/A -

Part no.	Designation	Multidrop Combi nL	Multidrop Combi+	Multidrop Combi SMART+	Units/ box	€/ box
047827	Cassette small tube tips plastic (0.5 - 50 µl)	√	√	√	1	N/A -
047828	Cassette small tube tips metal (0.5 - 50 µl)	√	√	√	1	N/A -
047963	Cassette small tube tips plastic (0.5 - 50 µl)	√	√	√	5	N/A -
047964	Cassette small tube tips metal (0.5 - 50 µl)	√	√	√	5	N/A -
047829	Cassette standard tube (5 - 2500 µl)	√	√	√	1	N/A -
047830	Cassette standard tube (5 - 2500 µl)	√	√	√	5	N/A -
047831	Cassette standard tube (5 - 2500 µl)	√	√	√	10	N/A -
230011	Cassette small tube tips plastic (0.5 - 50 µl)	-	-	√	1	N/A -
230012	Cassette small tube tips metal (0.5 - 50 µl)	-	-	√	1	N/A -
230013	Cassette standard tube (5 - 2500 µl)	-	-	√	1	N/A -
230014	Cassette standard tube long 200 cm (5 - 2500 µl)	-	-	√	1	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Illuminated magnifiers 8 LEDs and 1 UV



- Acrylic glass lens
- LED and UV lighting
- Batteries: 3 x AAA (not included)

Lens magnification	x 2.5	x 4
Bifocal magnification	x 6	Without
Lens Ø (mm)	90	60
Dimensions (L x W x H)(mm)	90 x 40 x 50	60 x 40 x 30
Weight (g)	100	120
Lighting	8 LEDS + 1 UV	
Part no.	095408	098461
€	**N/A -**	**N/A -**

Illuminated hand-held magnifier



- With an acrylic glass lens, for observation in dark environments
- Batteries: 3 x AAA (not included)

Magnification	x 4
Ø glass (mm)	65
Weight (g)	90
Lighting	2 LEDs Ø 5 mm
Part no.	095402
€	**N/A -**

Frontal illuminated magnifier



- In acrylic glass
- Fixed lens for distant vision: 2 x / large dimensions 125 x 75 mm
- Supplied with 3 binocular folding lenses for close-up viewing: 1.5x / 2.5x / 3.5x
- Various magnification options available: 2x / 3.5x / 4.5x / 5.5x
- LED light Ø 5 mm, white light
- Weight: 310 g
- 3 batteries type LR1130 (not included)

Part no.	Designation	€
098485	Frontal illuminated magnifier	**N/A -**

Pocket magnifier



- Metal folding magnifier with mineral glass
- Magnifier x 20 has LED lighting with 3 batteries 189

Magnification	x 10	x 20
Ø glass (mm)	21	25
Weight (g)	40	50
Part no.	**095400**	**095401**
€	**N/A -**	**N/A -**

Hand magnifier 5 X



- 5 x 50 mm
- Mineral glass
- ABS handle

Part no.	Designation	€
053293B	Hand magnifier 5 X	**N/A -**

Lamp Magnifier

Desk Lamp Magnifier, articulated.

- Magnification x 2.25
- Biconvex acrylic glass lens Ø 125 mm (127 mm for 098403B)
- Lighting 48 LED bulbs
- Pantograph 2 arms / l: 172 cm
- Table attachment or 6-wheel base (optional part no. 095399B)
- Dimensions: 240 x 60 mm
- Weight: 2.3 kg



098403B 095399B

Part no.	Designation	€
098403B	Biconvex magnifying lamp	N/A -
095399B	Stand with 6 castors (height: 70 cm, Ø x H base: 38 x 8.5 cm)	N/A -

Magnifying lamp



- 22 W circline lighting
- Biconvex lens ø 125 mm
- Magnification 2.25 X = 5Dp
- Pantograph 2 articulated arms
- H: 950 mm / ø 210 mm
- Weight: 1.3 kg

Part no.	Designation	€
095382B	Magnifying lamp	N/A -

Desk Magnifying Lamp to be placed or clamped



- Magnifications: 2.25 x and 4 x
- Lens Ø 90 mm and double focus Ø 20 mm
- Illumination: 2200 lux
- Light intensity: 550 lumens
- For table or desk mounting
- Turning on or off by touch
- 25 cm articulated arm
- Power supply: 6 W (incl. 230 VAC - 12 VDC adapter)

Part no.	Designation	€
098497	Lamp - desk Magnifying glass to place / to clamp	N/A -

Magnifying lamps with LED lighting

- Equipped with 2 modules 6W LED
- Lighting on both sides of the magnifying glass
- Dimmer switch: 0 % - 50 % - 100 %
- Lamp head dimensions: 227 x 224 mm
- Rectangular magnifying glass 175 x 108 mm, crown gla
- Diopters: 3.5 or 5
- Steel arm: 1050 (mm)
- Grey
- Delivered with a clamp for securing onto a bench



Lux at 50 cm	8400
Lumens	600
IRC	80
Kelvin	4000 °

IP 20

Part no.	Designation	€
231019	Magnifying lamp 3.5 dioptres	N/A -
231020	Magnifying lamp 5 dioptres	N/A -
231021	Magnifying lamp UV 3.5 dioptries	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

CREE LED Flashlight



- Mat black steel
- 200 lumens
- Light range 200 m
- 1.5V batteries and case included
- Adjustable focus, beam angle 10° - 70°
- Battery life 3 h, 2 h for the rechargeable model
- Ribbed Rubber handle
- Rechargeable by USB port, 3.7 V/2600 mAh Li-ion, Light duration 2 h
- Dimensions: 160 x 40 mm

IP 54

Part no.	Designation	€
231024B	Battery-powered flashlight	N/A -

Laboratory task lights

LED Tasklight for professional applications



Pluto Tasklight 1.2W



Tellus 3,3W Tasklight

- LED Tasklights, black
- Base dimensions: 60 x 60 mm
- Base with 4 screws for direct fixing
- Optional stands available
- 240 V transformer to be ordered for mains supply

Pluto Tasklight 1.2W

- Lighting angle 25°
- Including 8° and 40° interchangeable lenses
- Flexible arm 500 mm
- Head size L x Ø (mm): 65 x 30, tilting 90°
- Weight: 0.7 kg

IP 20

Lux at 50 cm	1000
Lumens	70
IRC	92
Kelvin	4000 °

Part no.	Designation	€
231000	Pluto Tasklight 1.2W	N/A -

Transformer for Pluto and Tellus

Part no.	Designation	€
231010	Transformer 240V IP44	N/A -

Stands common to Tellus and Pluto lamps

Part no.	Designation	€
231045	Magnetic base 540 N, Ø x thickness 90 x 25 mm	N/A -
231046	Table base, black, Ø x thickness 200 x 32 mm	N/A -
231047	Table base, white Ø x thickness 200 x 32 mm	N/A -

Tellus 3,3W Tasklight

- Delivered with 15° lens
- Head dimensions L x Ø: 100 x 50 (mm)
- Tiltable 90°
- Weight: 0.6 - 1 kg

Lux at 50 cm	8800
Lumens	230
IRC	92
Kelvin	4000 °
IP	According to version

	With flexible arm 500 mm		With flexible arm 700 mm		With spot 40 mm	
IP	Part no.	€	Part no.	€	Part no.	€
20 with joint	231001	N/A -	231005	N/A -	231009	N/A -
20 with converter	231002	N/A -	231006	N/A -	-	–
43	231003	N/A -	231007	N/A -	-	–
65	231004	N/A -	231008	N/A -	-	–

LID Tasklight

- Robust and quiet flexible arm lamps for precise and durable positioning
- LEDs on printed circuit guaranteeing a long life (50000h) or halogen bulb (5000h) depending on the model
- Standard switch, contactless or with dimmer depending on model
- Compliant with standards EN 60 601-1/-2-41 and EN 60 598-2-25
- Class 1 medical device
- Lamp only, to be completed with a stand
- 3-year warranty on halogen lamps and 10-year warranty on LED lamps









Carla LED lamp

- Swivel head
- Diffused lighting 25°

Flexible arm (mm)	650	1000	1230
Luminous intensity (lm)	420		
Illumination at 50cm (lx)	7000		
Illuminated area at 50cm (mm)	200		
Colour temperature	4500°K (neutral white)		
Colour rendering index	IRC 95/100		
Power consumption	4.2 W		
Head dimensions (mm)	60 x 100		
With standard switch	013417	013419	013421
€	N/A -	N/A -	N/A -
With contactless switch	013418	013420	013422
€	N/A -	N/A -	N/A -

Tina Halogen Lamp

- Swivel head
- Precise 10° lighting

Flexible arm (mm)	650	1140
Luminous intensity (lm)	300	
Illumination at 50cm (lx)	23000	
Illuminated area at 50cm (mm)	100	
Colour temperature	3000°K (warm white)	
Colour rendering index	IRC 100/100	
Power consumption	20 W	
Head dimensions (mm)	70 x 70	
With standard switch	013469	013471
€	N/A -	N/A -
With contactless switch	013470	013472
€	N/A -	N/A -

Lina LED Lamp

- Swivel head
- Diffused lighting 25°

Flexible arm (mm)	650	1000
Luminous intensity (lm)	1680	
Illumination at 50cm (lx)	15000	
Illuminated area at 50cm (mm)	700 x 600	
Colour temperature	4500°K (neutral white)	
Colour rendering index	IRC 95/100	
Power consumption	17 W	
Head dimensions (mm)	25 x 500	
With standard switch	013437	013440
€	N/A -	N/A -
With contactless switch	013438	013441
€	N/A -	N/A -
With dimmer switch	013439	013442
€	N/A -	N/A -

Hepta LED lamp

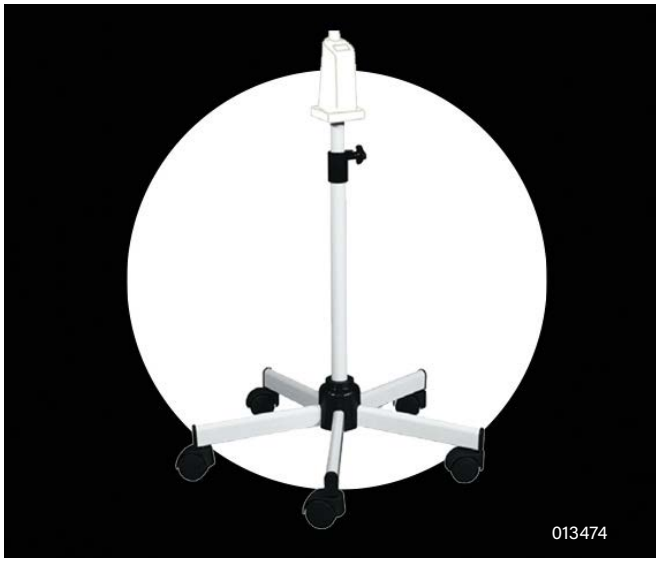
- Swivel head with handle
- Precise 10° lighting

Flexible arm (mm)	650	1140
Luminous intensity (lm)	980	
Illumination at 50cm (lx)	60000	
Illuminated area at 50cm (mm)	120	
Colour temperature	4500°K (neutral white)	
Colour rendering index	IRC 95/100	
Power consumption	7 W	
Head dimensions (mm)	110 x 100	
With standard switch	013409	013412
€	N/A -	N/A -
With contactless switch	013410	013413
€	N/A -	N/A -
With dimmer switch	013411	013414
€	N/A -	N/A -

Stands - telescopic rolling stand

- 5-star base Ø 530 mm
- Castors Ø 5 cm
- Weighted version for lamps with an arm length greater than 650 mm
- Free castors or with 2 castors with brakes

Adjustable height (mm)	600 - 1000		900 - 1300	
Type	Standard	Ballasted	Standard	Ballasted
Weight (kg)	3.7	5.5	4	5.8
Part no. without brake	013474	013478	013480	013482
€	N/A -	N/A -	N/A -	N/A -
Part no. with brake	013476	013479	013481	013483
€	N/A -	N/A -	N/A -	N/A -



Accessories

Part no.	Designation	€
013484	Single vice grip in black lacquered aluminium, maximum opening Ø 75 mm	N/A -
013485	Universal vice in anodised aluminium, maximum opening Ø 40 mm	N/A -
013488	White lacquered aluminium bracket for wall mounting (screws and wall plugs included)	N/A -
013492	Heavy base in white lacquered steel Ø 220 mm 1.5 kg	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Eclipse EI upright microscopes



Innovative and user-friendly microscopes, ideal for educational purposes.

- Very bright LED lighting
- Comfortable observation position: eyepieces adjustable upwards or downwards
- Simple and intuitive interface with smooth operation
- Compact PCB without annoying overhang on either side
- Fine tuning possible from both sides
- Secure focusing: A height limit for the stage can be set to prevent blade breakage or lens damage
- Intuitive and fun condenser adjustment with colour recall between the condenser aperture and the lenses
- Highly lightweight and compact: occupy minimal space on the workstation
- Supplied complete with binocular or trinocular lenses 4X/ 10X/40X
- 0.55X lens integrated into the camera port of the trinocular model

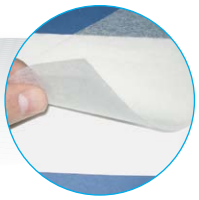
Model	Binocular	Trinocular
Tube	Binocular tube, inclination: 30 °, pupillary distance: 50-75 mm, eyepoint height: adjustable to 2 positions	Trinocular tube, inclination: 25 °, pupillary distance: 50-75 mm, eyepoint height: adjustable to 2 positions
Turret	Quadruple inverted turret	
Platform	Rectangular mechanical stage with sample holder, 76 (X) x 30 (Y) mm	
Objectives (N/A/W.D.)	Plan Achromat CFI BE2 4X (0.1/25 mm) Plan Achromat CFI BE2 10X (0.25/6.7 mm) Achromat CFI BE2 40X plane (0.65/0.6 mm)	
Condenser	Abbe condenser, NA 0.1 ~ 1.25	
Observation method	White light	
Antifungal treatment	The antifungal coating is applied around the optical system	
Electrical consumption (max.)	Nominal value: 4 W	
Weight (kg) (approximate)	5.2	5.5
Part no.	094765	094769
€	N/A -	N/A -
Power cord		
Part no.	094755	094755
€	N/A -	N/A -

Accessories

Part no.	Designation	€
094766	CFI BE2 lens Achromat 20X	N/A -
094767	CFI BE2 lens Achromat 60X	N/A -
094768	CFI BE2 lens Achromat 100X oil	N/A -
094762	Immersion oil N US 8CC	N/A -

Specialist tip

For efficient cleaning of optical components, use optical paper part no. 074089



Eclipse SI upright microscopes



Highly ergonomic and innovative microscopes designed to reduce user fatigue at the workstation.
Research microscopes suitable for routine work.

- Very bright LED lighting
- Intelligent Light Intensity Management (LIM) that automatically stores and adjusts the light intensity level for each lens
- Low profile plate for quick and easy blade changes
- Focusing stop to prevent blade breakage or lens damage
- LCD screen with display of microscope status: magnification, brightness, etc.
- Supplied complete with binocular or trinocular lenses 4X/ 10X/40X

Model	Binocular	Trinocular
Head	Tilt angle of 45°, pupillary distance: 50-75 mm, eyepoint height: adjustable to 2 positions 10X/20 mm eyepieces: with dioptric adjustment	
Turret	Reverse type fivefold turret (in the main body)	
Platform	Rectangular mechanical platform (in the main body), with 2-slide specimen mover, transverse stroke: 76 (X) x 52 (Y) mm	
Objectives (N/A/W.D.)	CFI E Plan Achromat 4X (0.1/30 mm) CFI E Plan Achromat 10X (0.25/7 mm) CFI E Plan Achromat 40X (0.65/0.65 mm)	
Condenser	Abbe condenser, NA 1.25, vertically mobile and central	
Observation method	White light	
Antifungal treatment	Antifungal coating applied around the optical system	
Power supply	100-240 VAC 50-60Hz	
Electrical consumption (max.)	Nominal value: 5 W	
Weight (kg) (approximate)	6	6.4
Part no.	094772	094773
€	N/A -	N/A -
Power cord		
Part no.	094755	094755
€	N/A -	N/A -

Accessories

Part no.	Designation	€
094784	60X lens	N/A -
094786	Blue light filter	N/A -
094762	Immersion oil N US 8CC	N/A -
094757	Immersion oil N US 50CC	N/A -

Inverted microscopes TS2 Nikon

Essential tool for observing cell cultures in the laboratory. System equipped with an Apodized phase contrast, specifically designed to produce images with excellent contrast and to diffuse light on the finest details of a sample.

- Ergonomic system with high stability
- Wide-field observation: 22 mm
- A comprehensive range of lenses
- Routine use for all types of media: plates, vials, boxes, and slides
- Evolution towards fluorescence, please contact us (other model TS2-FL)

Model	Trinocular
Lighting	LED
Observation technique	Phase contrast
Model	Trinocular with 2 eyepieces 10X/22 mm and an output for C-mount camera
Goals included	10X and 20X achromat Apodize in phase contrast
Condenser	ELWD condenser with PHL slider, PH1 and daylight filter
Part no.	094604E
€	N/A -

Tip: Contact us for any inquiries regarding Nikon microscopes



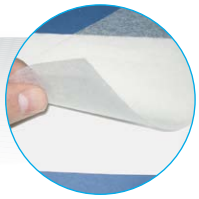
Options

Part no.	Designation	€
094708	Upgrade to trinocular port (only for binocular model)	N/A -

Accessory

Part no.	Designation	€
094762	Immersion oil type N, 8 cc dropper	N/A -

Specialist tip: For efficient cleaning of optical components, use optical paper part no. 074089



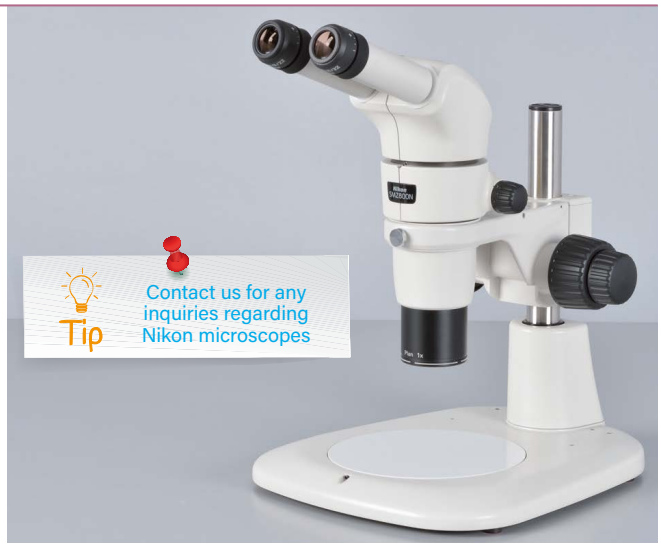
Nikon SMZ800N stereomicroscope

Stereo microscope with a large working area and high-quality optics, designed for observing, analysing, or dissecting your samples. Flexibility: modular configuration and a wide variety of accessories offer numerous possibilities for advancement.

- Wide range of magnifications
- Large workspace
- Long working distance under lens
- Several lighting techniques
- Evolution towards fluorescence

Zoom ratio	8 X
Lighting	Transmission via LED base Reflection via 8V/20W optical fibre
Head	Binocular head with 2 eyepieces 10X/22 mm
Lens	Achro 1X Objective Lens with a working distance of 78 mm Magnification range from 10X to 80X
Potential evolution for	Digital Imaging, fluorescence

Part no.	Designation	€
094505D	SMZ800N binocular microscope in transmitted light	N/A -
094506D	SMZ800N binocular reflection magnifier	N/A -



Nikon SMZ445 stereomicroscope

The SMZ445 stereomicroscope combines ease of use with optical performance. This model features a compact design for precise observation and work on your samples.

- Large workspace
- Long working distance under lens
- Several lighting techniques

Zoom ratio	4,4 X
Lighting	Transmission via the 6V/20W base Reflected by 8V/20W fibre optics
Head	Binocular head with 2 eyepieces 10X/21 mm - 45° angle
Lens	Greenough zoom optical system, 8X to 35X magnification range, 100 mm working distance

Part no.	Designation	€
094617C	SMZ445 binocular reflection magnifier	N/A -
094694C	SMZ445 binocular magnifier with dual LED illumination	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

15 and 30 litre incubators

NEW



Compact, touchscreen

For the incubation of samples, compact small volumes.

- SMART controller with 4.3" colour touchscreen
- Working temperature: +5 °C above ambient temperature ...+100 °C
- Forced convection or natural convection
- Exterior painted steel, interior stainless steel
- Solid exterior door
- Internal glass door
- Access port 9 mm to the left
- Door alarm
- Door with key lock
- Class 2.0 protection
- LAN and USB port for data retrieval
- Supplied with grids (stainless steel)
- Power supply 230 V / 50-60 Hz

	Natural convection		Forced convection	
Model	CLN 15 SMART	CLN 32 SMART	CLW 15 SMART	CLW 32 SMART
Convection	Natural	Natural	Forced	Forced
Volume (l)	15	30	15	30
Ext. Dim. W x D x H (mm)	520 x 560 x 470	600 x 640 x 520	520 x 560 x 470	600 x 640 x 520
Int. dim. l x w x h (mm)	320 x 230 x 200	400 x 320 x 250	320 x 230 x 200	400 x 320 x 250
Door	2	2	2	2
Exterior	White epoxy	White epoxy	White epoxy	White epoxy
Interior	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Nbr of grids in std/max	1/2	1/3	1/2	1/3
Max. load grid/ total enclosure (kg)	10/20	10/30	10/20	10/30
Weight (kg)	32	35	32	35
Power supply	230 V 50-60 Hz	230 V 50-60 Hz	230 V 50-60 Hz	230 V 50-60 Hz
Part no.	**485585**	**485583**	**485825**	**485827**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

CB-S CO2 incubators with hot air sterilisation

BINDER

Robust and economical biological incubators from the CB-S series are perfectly suited for common cell culture applications.

NEW



MADE IN EUROPE

Robust and cost-effective!

- Temperature range: +6 °C above ambient temperature up to +50 °C
- Humidity range : 90 to 95% HR
- CO_2 regulation range : 0-20% vol CO_2
- LCD screen for displaying temperature and CO2, alarms and additional information

Model	CB-S 170	CB-S 260
Capacity (l)	170	267
Ext. dimensions L x W x H (mm)	680 x 715 x 870	740 x 785 x 1020
Int. dimensions L x W x H (mm)	560 x 505 x 600	620 x 750 x 575
Temperature	Amb. +6 °C to 50 °C	
Number of plates (stad/max)	2/6	
Part no. Standard version	**492848**	**492849**
€	**N/A -**	**N/A -**
Part no. with access port 30 mm left	**494901**	**-**
€	**N/A -**	**-**

CO_2 incubator shaker Eppendorf CellExpert CS220

eppendorf



The best footprint-to-platform size ratio on the market.

- Touchscreen display with a graphical overview of all current and setpoint parameters
- X-Drive agitation system reducing vibrations
- Available 24/7
- Upward-opening door and sliding platform for easy access
- Stainless steel chamber of hygienic design compliant with EN ISO 14159:2008 standard for easy cleaning
- Integrated sterilization function at 180°C
- Up to 3 stackable units
- USB and Ethernet connection for remote control and data usage extraction

Model	CS220	
Interface	Tactile	
Speed (rpm)	20 - 300	20 - 250
Orbit (mm)	25	51
Temperature range (°C)	Ambient +8 to +60°C	
Accuracy (°C)	0.1	
Uniformity at 37°C (°C)	± 0.3	
CO_2 control range	0.1 to 20 %	
CO_2 concentration precision	0.1	
Uniformity of CO_2 rate	± 0.1	
Humidity control range	Up to 85% HR	
Relative humidity accuracy	± 5 %	
Dimensions tray (mm)	514 x 930	
Effective height (mm)	330	
Maximum load (kg)	18	
Operating mode	Continuous, timer or programs	
Dimensions (L x W x H) (mm)	1318 x 805 x 661	
Weight (kg)	240	
Conditions to use	+18 to +28 °C / 20-80% HR	
Part no.	934759	934760
€	N/A -	N/A -

Clamps for Erlenmeyers

Part no.	Designation	€
943880	Clamps for 100-125 ml Erlenmeyer flasks	N/A -
943881	Clamps for 200-250 ml Erlenmeyers flasks	N/A -
943882	Clamps for 500 ml Erlenmeyer flasks	N/A -
943883	Clamps for 1 L Erlenmeyer flasks	N/A -
943884	Clamps for 2 L Erlenmeyer flasks	N/A -
943885	Clamps for 2.8 L Fernbach flasks	N/A -
943886	Clamps for 5 L Erlenmeyer flasks	N/A -

Tube racks for universal platform

Part no.	Designation	€
M12890001	Rack for 48 tubes Ø 8 - 11 mm	N/A -
M12890002	Rack for 34 tubes Ø 12 - 15 mm	N/A -
M12890003	Rack for 24 tubes Ø 15 - 18 mm	N/A -
M12890004	Rack for 18 tubes Ø 18 - 21 mm	N/A -
M12890005	Rack for 13 tubes Ø 22 - 26 mm	N/A -
M12890006	Rack for 12 tubes Ø 26 - 30 mm	N/A -
M12890010	Rack for 60 tubes Ø 8 - 11 mm	N/A -
M12890020	Rack for 44 tubes Ø 12 - 15 mm	N/A -
M12890030	Rack for 31 tubes Ø 15 - 18 mm	N/A -
M12890040	Rack for 23 tubes Ø 18 - 21 mm	N/A -
M12890050	Rack for 16 tubes Ø 22 - 26 mm	N/A -
M12890060	Rack for 16 tubes Ø 26 - 30 mm	N/A -
M12890100	Rack for 80 tubes Ø 8 - 11 mm	N/A -
M12890200	Rack for 60 tubes Ø 12 - 15 mm	N/A -
M12890300	Rack for 42 tubes Ø 15 - 18 mm	N/A -
M12890400	Rack for 30 tubes Ø 18 - 21 mm	N/A -
M12890500	Rack for 22 tubes Ø 22 - 26 mm	N/A -
M12890600	Rack for 20 tubes Ø 26 - 30 mm	N/A -

Microplate holders for universal platform

Part no.	Designation	€
M12890700	Holder for 5 non-stacked microplates	N/A -
TTR221	Rack for 9 microplates or 3 stacked deepwell plates	N/A -

Overlay kit supports

Part no.	Designation	€
934765	Storage base for CS220 shaker-incubator	N/A -
934763	High feet 9cm for CS220 shaker-incubator	N/A -
934762	Low feet 2cm for CS220 shaker-incubator	N/A -
934764	Stacking kit for two CS220 shaker-incubators	N/A -

Other accessories

Part no.	Designation	€
934768	Water supply kit for CS220 shaker-incubator	N/A -
934769	Water tank support for CS220 shaker-incubator	N/A -
934767	Water reservoir with adapter for CS220 shaker-incubator	N/A -
934766	Water hose with filter for CS220 shaker-incubator	N/A -

Optika upright microscopes



670149

With light background					With phase contrast			
Model	Light background equipment	Head	Part no.	€	Phase contrast equipment	Model	Part no.	€
B-192	- Eyepieces 10x/18 mm - Lens: 4x / 10x / 40x / 100x (oil) - 4 position revolver - Mechanical stage x,y - Abbe Condenser O.N. 1.25 - LED	Binocular	670149B	N/A -	-	-	-	-
B-193PL		Trinocular	670901B	N/A -	-	-	-	-
B-382Pli	- Eyepieces 10x/20 mm - Lens: 4x / 10x / 40x / 100x (oil) - 5 position revolver - Mechanical stage x,y - Abbe Condenser O.N. 1.25 centrable - LED	Binocular	670960	N/A -	Objectives: 10xPh, 20xPh, 40xPh, 100xPh Phase condenser	B-382phi	670962	N/A -
B-383Pli		Trinocular	670961	N/A -		B-383phi	670963	N/A -

Other models, please consult us.

Optika B-510BF and B-510PH upright microscopes



- Microscopes for routine laboratory analysis
- Lightweight and ultra compact
- Models with trinocular heads to accommodate a camera or tablet (to be completed with a C-mount adapter)
- Stand with retractable condenser, right X,Y vernier scale
- Lens turret: 5 positions
- Delivered ready to use

Model	Trinocular B-510BF	Trinocular B-510PH
Lighting	LED	
Observation technique	Brightfield	Brightfield and phase contrast
Output signal	Objectives IOS W-PLAN 4 x, 10 x, 40 x, 100 x (oil)	Phase contrast lenses IOS W-PLAN PH 10 x, 20 x, 40 x, 100 x
Model	Trinocular with 2 eyepieces 10 x/22 mm	
Part no.	671236	671237
€	N/A -	N/A -

Accessory

Part no.	Designation	€
671186	C-mount adapter 0.5 x	N/A -

IM-300 Optika upright microscopes



NEW

- Ideal microscope for routine monitoring of cell cultures
- For observations in white light or phase contrast
- Trinocular model
- 45° inclined observation head
- Field of view 22mm
- 5-position lens turrets
- Equipped with the following lenses:
  - IOS LWD W-PLAN PH 10x/0.25
  - IOS LWD W-PLAN PH 20x/0.40
  - IOS LWD W-PLAN PH 40x/0.65
- Supplied with a protective cover

Lighting	LED
Observation method	White light and phase contrast
Observation head	100/0 or 50/50 trinocular with camera
Turntable	Fix dimension 250 x 160 mm
Objectives	Phase: ph10x/ph20x/ph40x"
Condenser	D'Abbe with 30mm numerical aperture
Part no.	671669
€	N/A -

Accessories

Part no.	Designation	€
671161	Mechanical platform	N/A -
671154	Support for Petri dish Ø 38 mm	N/A -
671155	Support for terasaki and Petri dish Ø 65 mm	N/A -
671156	Support for slide and Petri dish Ø 54 mm	N/A -
671157	Support for 2+2 blades	N/A -
671158	Support for Utermohl chamber	N/A -
670917	IOS plane lens LWD 4x/0.13	N/A -

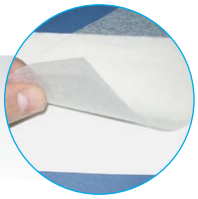
Immersion oil



Part no.	Designation	€
670957	Immersion oil 10 ml	N/A -

Specialist tip

For effective cleaning of optical parts, use optical paper part no. 074089



Optika Binocular Teaching Stereomicroscopes

- Simple and robust, easy to handle
- Rotating lens models for quick magnification changes
- 45° inclined head
- Equipped with 2 separate lights, 1 W LED: incident and transmitted
- 2 models: with 360° movable optical body or fixed optical body with carrying handle included
- On rechargeable battery for field use if required
- Part no. 671227: model with integrated camera

Part no.	Optical body	Magnifications	Working distance	Lighting	€
671220	360° Mobile	20x 40x	57 mm	Led with switches	N/A -
671222	Fixed with carrying handle	20x 40x	57 mm	Led with control buttons	N/A -
671224	Fixed with carrying handle	20x 40x	76 mm	Led with control buttons	N/A -
671226	Fixed with carrying handle	10x 20x 40x	60 mm	Led with control buttons	N/A -
671227	Fixed with carrying handle and integrated camera	10x 20x 40x	60 mm	Led with control buttons	N/A -



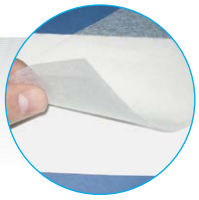
360° movable optical body



Fixed optical body and carrying handle, model with integrated camera

Specialist tip

For efficient cleaning of optical components, use optical paper part no. 074089



Digital microscope with tablet

Microscope equipped with a detachable and adjustable tablet. Particularly suitable for routine light background applications.

Model	B-290TB
Lighting	Led 3.6 W
Lens	WF 10/20 mm
Observation mode	Brightfield
Model	Binocular
Head type	30° inclined and 360° rotating head
Objectives	4X 10X 40X 100X (oil)
Abbe condenser	ON 1.25
Dim. H x L x W (mm)	430 x 235 x 290
Weight (kg)	7
Tablet	10.1"
Operating system	Windows 10 32 bit
Screen	Tactile LED
Dimensions L x D x H (mm)	25.7 x 10.5 x 17.4
Camera	3 MP
Signal	USB 2
Image dimension	2048 x 1536
Part no.	671191
€	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Optika C-B5 5.1MP camera



- 5MP colour camera
- For teaching and routine laboratory applications
- C Mount
- Supplied with software (Windows, Mac OS and Linux compatible) and adapters for single or binocular head microscope eyepieces

Sensor	CMOS 1/2.5"
Camera resolution	5.1 MP
Output signal	USB 2.0
Camera power supply	PC USB
C-mount connection	Yes
PC Features	CPU: equivalent to Intel Core2.2 2.8 GHz or higher RAM: 2GB or higher USB port: 2.0 at least two ports
Part no.	671230
€	N/A -

Optika PRO C-P3 and C-P6 cameras



- Dynamic quick-reading cameras
- These cameras offer detailed images of excellent quality thanks to its SONY EXMOR CMOS sensor
- C-mount connection

Model	C-P3	C-P6
Camera resolution	3.1 MP	6.3 MP
Output signal	USB 3.0	USB 3.0
Sensor size	1/2.8"	1/1.8"
Sensor technology	CMOS	CMOS
Image format	4/3	4/3
Pixel size	2.5 x 2.5 µm	2.4 x 2.4 µm
Speed resolution	50 fps	30 fps
Part no.	671259	671262
€	N/A -	N/A -

Microscope camera C-WH5



5MP camera for trinocular and binocular microscope.

- 5Mp colour camera
- Two possible connections: WIFI and wired via HDMI
- Expanded storage capacity with an included SD card
- Connection on a trinocular tube (requires C-mount adapter) or monocular
- Delivered with: camera software, wireless mouse, and SD card

Sensor	1/1.8"
Camera resolution	2592 x 1944
Output signal	WiFi and HDMI
C-mount connection	Yes
PC Features	Intel Core2 - 2.8GHz or higher RAM: 2GB or more USB 2.0
Part no.	671694
€	N/A -

NEW

Easy to use, of high quality, ideal for wireless image exports (direct export to desktop).

PC Tablet with camera for Optika trinocular microscope



- Touch screen 10"
- USB 2.0 connection
- 2 in 1 solution with a touch screen PC tablet and a 3 or 5 MPixel camera for image capture
- System can be installed on trinocular outlet with C-mount aptator

Model	TB-3W	TB-5W
Operating system	Windows 8.1 32-bit	
Network	Wireless bluetooth	
Autonomy	9 hours	
Camera resolution (MP)	3.14	5
Output signal	USB 2.0	USB 2.0
Language tablet	Multilingual	
Tablet software included	OPTIKA VISION LITE: photos or videos acquisition, measurements, objects or comments indication, documentation	
Storage	HDD 32 Go, also accepts SD cards	
Cables included	MicroUSB to USB, OTG cable, USB cable	
Dim. (cm) W x H x thickness	25.85 x 16.75 x 0.88	
Weight (g)	580	
Part no.	670976	670977
€	N/A -	N/A -

Optika Cold Light Generator

Additional illumination for stereomicroscope observation.
Must be equipped with a double conductive fiber with adjustable arms or with a ring optical fiber suitable for Optika stereomicroscopes.

- LED lighting equivalent to 100 W halogen lighting
- Adjustable brightness
- Must be equipped with an optical fiber

Part no.	Designation	Type of lamp	Weight (kg)	Dimensions (mm)	€
670949	Generator CLD-01	LED	4.1	200 x 120	N/A -



Conductive fibres

Part no.	Designation	€
670950	Double conductive fibre - Length 500 mm	N/A -
670951	Conductive ring fibre - Length 700 mm	N/A -





SCHOTT Cold Light Generators

For illuminating samples with a flexible light guide. For use as an additional light source for observation with binocular magnifiers.

KL300 LED generator (must be completed with a conductive fibre)

- LED lighting, equivalent to 30 W halogen lighting
- Adjustable brightness
- Bracket for stand mounting (KL300 and binocular magnifying glass SMZ 445 NIKON)
- To be completed with conductive fibres: different models possible (see below)

Part no.	Generator	Type of lamp	Weight (kg)	Dim. (mm) L x D x H	€
498716	KL300 LED	LED	0.35	107 x 114 x 61	N/A -



KL1600 LED

Accessories for KL300 generator

Part no.	Designation	€
498718	Semi-rigid light guide 1 arm Ø 3.5 mm Length 500 mm	N/A -
498719	Semi-rigid light guide 2 arm Ø 3.5 mm Length 500 mm	N/A -
498722*	Focusing element without filters for conductors up to Ø 5 mm	N/A -
498720*	Focusing lens and filter set up to Ø 5 mm	N/A -
498717	KL 300 LED Clamp for Nikon SMZ 445 stand	N/A -
498732	Clamp for base Ø 100 mm	N/A -
498733	Base Ø 100 mm	N/A -

* Order according to the number of arms.

KL1500 HAL and 1600 LED generators

- Halogen lighting 15V 150 W for the KL 1500 HAL model with display
- LED illumination for the KL 1600 LED model, adjustable brightness
- To be placed on the bench
- To be completed with power cord 498751 and light guides: different models possible (see below)

Part no.	Generator	Features	Type of lamp	Weight (kg)	Dim. (mm) (L x D x H)	€
780315	KL1500 HAL with display	Colour temperature display, adjustable brightness, filter holder	Halogen 15 V 150 W	5	22 x 265 x 170	N/A -
498726	KL1600 LED without display	Without display, adjustable brightness with 5 positions, filter holder	LED equivalent to 150 W halogen	2.45	231 x 114 x 137	N/A -



KL1600 LED

Accessories for KL 1500 HAL and KL1600 LED

Part no.	Designation	€
498727	Semi-rigid conductive fibre, single arm for KL1500 or KL1600 Ø 4.5 mm Length 600 mm	N/A -
498728	Semi-rigid conductive fibre, 2 arms for KL1500 or KL1600 Ø 4.5 mm Length 600 mm	N/A -
498729	Semi-rigid conductive fibre, 3 arms for KL1500 or KL1600 Ø 4.5 mm Length 600 mm	N/A -
498722	Focusing lens without filters for light guide up to Ø5 mm	N/A -
498720	Focusing lens and filter set up to Ø 5 mm	N/A -
498730	Daylight filter with filter holder KL 1500 HAL	N/A -
498731	Artificial light filter Ø 28 mm LED for KL1600	N/A -
498751	EU power cord for cold light source	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Cold light generators



- 2 models: 150 W halogen generator or 30 W LED generator
- Various accessories
- To be completed with an optical fibre

Part no.	Designation	Lighting	Colour temperature	Weight (kg)	Dimensions L x D x H (mm)	€
134700	Halogen generator	Halogen 150 W	3000 K	2.8	150 x 230 x 150	N/A -
134701	Led generator 30 W	LED 30 W	6500 K	3.9	150 x 230 x 150	N/A -

Accessories

Part no.	Designation	€
134702	Semi-rigid light guide 1 arm 50 cm long, Ø 4 mm	N/A -
134703	Semi-rigid light guide 2 arm 50 cm long, Ø 4 mm	N/A -
134704	Semi-rigid light guide 3 arm 50 cm long, Ø 4 mm	N/A -
134705	Semi-rigid light guide 2 arm 70 cm long, Ø 4 mm	N/A -
134706	Focusing element for light guide (requires 134707)	N/A -
134707	Focusing lens for focusing element (requires 134706)	N/A -

Optical papers for microscopes



High-quality papers for cleaning optical surfaces and lenses made of glass, plastic, or quartz. Do not contain any chemical agents, and do not possess either silicone or specific additives.

- Very soft, do not scratch
- Very pure, free from additives
- Very absorbent for the removal of fats and moisture

Part no.	Dimensions (mm)	Packaging	€
036445	100 x 150	25 pads of 25 sheets	N/A -
036531	200 x 300	100	N/A -
036532	460 x 570	500	N/A -

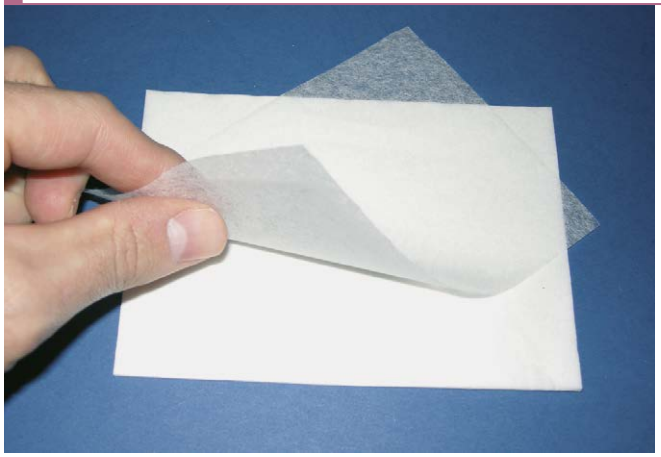
Optical papers



- In Japanese paper
- Lens cleaning tissues
- Do not shed fibres
- Sold in packets of 25 sheets

Part no.	Sheet (mm)	Units/ box	€/ box
074089	100 x 150	625	N/A -
074090	200 x 300	100	N/A -
074091	460 x 570	500	N/A -

ECO optical wiping papers



Part no.	Dimensions (mm)	Packaging	€/ box
068886	190 x 135	500 sheets	N/A -
068887	190 x 270	500 sheets	N/A -
068888	380 x 540	500 sheets	N/A -

Batteries

Rechargeable batteries

Part no.	Designation	Dimensions (mm)	Type	€
053254	NiMH R14 battery	26 x 50 (ø x h)	C	N/A -
053255	NiMH R06 battery	14 x 50 (ø x h)	AA	N/A -
053256	NiMH R03 battery	10 x 50 (ø x h)	AAA	N/A -
053257	NiMH 6F22 battery	48 x 26 x 17	9 V	N/A -



Button cell batteries

Part no.	Designation	€
095363	Button cell battery 362	N/A -
095325	Button cell battery 364	N/A -
095326	Button cell battery 377	N/A -
095329	Button cell battery 391	N/A -
095330	Button cell battery 392	N/A -
095331	Button cell battery 396	N/A -
095333	Button cell battery 371	N/A -
095334	Button cell battery 395	N/A -
095337	Button cell battery 379	N/A -
095338	Button cell battery 389	N/A -
095346	Button cell battery 394	N/A -
066223	Button cell battery 386	N/A -
095353	Button cell battery 186	N/A -
095354	Button cell battery 189	N/A -
095355	Button cell battery 191	N/A -
095304B	LR44 Button cell battery (2 units)	N/A -
095305	Lithium Button cell battery CR 1220	N/A -
095356	Lithium Button cell battery CR 1616	N/A -
095357	Lithium Button cell battery CR 2016	N/A -
095358	Lithium Button cell battery CR 2025	N/A -
045322	Lithium Button cell battery CR 2032	N/A -
095359	Lithium Button cell battery CR 1025	N/A -
095360	Lithium Button cell battery CR 1216	N/A -
095361	Lithium Button cell battery CR 1620	N/A -
095362	Lithium Button cell battery CR 2430	N/A -

Batteries sticks

Part no.	Designation	€
095366	Saltwater battery R20/D, 1.5 volts, ø 33 x 61 mm	N/A -
095367	Saltwater battery R14/C, 1.5 volts, ø 26 x 50 mm	N/A -
045319	Saltwater battery R6/AA, 1.5 volts, ø 14 x 50 mm	N/A -
095370	Saltwater battery R3/AAA, 1.5 volts, ø 10 x 45 mm	N/A -
095704	Alkaline battery LR6, 1.5 volts, ø 14 x 50 mm	N/A -
095324	Alkaline battery LR01, ø 11 x 29 mm	N/A -

Lithium photo batteries

- CR123A = 3V, Ø: 17 x 34 mm
- CR2 = 3V, Ø: 15 x 27 mm
- CR.P2 = 6V, Ø: 36 x 35 x 19 mm
- 2CR5 = 6V, Ø: 45 x 34 x 17 mm

Part no.	Designation	€
053277	CR123A lithium photo battery	N/A -
053278	CR2 lithium photo battery	N/A -
053279	CR.P2 lithium photo battery	N/A -
053280	2CR5 lithium photo battery	N/A -

Energizer Batteries

Part no.	Designation	€
095704	Energizer Industrial 1.5V LR6/AA Alkaline Battery (10 units)	N/A -
095705	Energizer Industrial 1.5V LR03/AAA Alkaline Battery (10 units)	N/A -
095706	Energizer Industrial 1.5V LR14/C Alkaline Battery (12 units)	NC -
095707	Alkaline battery 1.5 V LR20/D Energizer Industrial (per 12)	N/A -
095708	Alkaline battery 9 V 6LR61/9V Energizer Industrial (per 12)	N/A -
095709	Lithium battery 1.5 V FR6/AA/L91 Energizer Ultimate (per 10)	N/A -
095710	Lithium battery 1.5 V FR3/AAA/L92 Energizer Ultimate (per 10)	N/A -
095711	Lithium battery 9 V FR9 Energizer Ultimate (per 10)	N/A -
095712	Energizer Lithium Photo Battery123 FSB1, 3 V CR123	N/A -

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Daily / weekly programmer



- Programmable over 7 days
- Adjustable ± 1 minute
- Presence simulator
- Dimensions: 125 x 60 x 75 mm
- Weight: 170 g

Part no.	Designation	€
053273	Daily / weekly programmer	N/A -

Pocket battery tester



- Needle display (vumeter)
- Dimensions: 75 x1 25 x 110 mm
- Weight: 50 g
- Batteries: AAA (LR03), AA (LR06), C (LR14), D (LR20), 9V and button cells

Part no.	Designation	€
053276	Pocket battery tester	N/A -

Extension lead with switch


098476


098477


098478


098479

- ON / OFF Button
- Child protection

Part no.	Number of sockets	Cable length (m)	Max power (W)	Indicator of charge	Fuse	€
098476	4	1.5	3680	LED	Yes	NC -
098477	6	1.5	3680	LED	Yes	NC -
098478	2	-	3680	-	-	N/A -
098479	3	1.5	3500	-	-	N/A -
098480	4	1.5	3500	-	-	N/A -
098481	5	1.5	3500	-	-	N/A -

OTAL® manual pumps







Models 1
- For containers with 30 to 70 mm Ø openings
- PP delivery tubes
- Acid and base resistant
- Detergent-resistant

Model 2
- For containers with 30 to 70 mm Ø openings
- PVDF delivery tubes
- Resistant to weakly oxidizing acids and bases
- Bleach resistant

- Better chemical resistance than PP

Model 3
- For containers with 30 to 70 mm Ø openings
- Stainless steel delivery tube
- For hardly inflammable liquids
- 2 types of caps: PVC and LDPE

Model 4
- For containers with 30 to 70 mm Ø openings
- With hose and tap
- PP/PE tap
- PVC discharge hose

- Suitable for filling distant containers

Model 5
- With universal cap for Ø 20 - 36 mm necks
- PP delivery tubes
- Ideal for containers up to 10 litres

Model 6
- With tube locking valve
- With tip for precise transfer

	OTAL PP hand pump			OTAL PVDF hand pump	OTAL stainless steel hand pump	OTAL hand pump with hose and tap	Mini-pump OTAL in PP	OTAL® hand pump for battery
Model	Model 1	Model 1	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Flow rate (l/min)	14	20	26	20	26	12	4	5
Ø of tube (mm)	12	15	18	16	18	10	10	12
Material conveying tube	PP	PP	PP	PVDF	V2A	PP/PVC	PP	PP / PVC
Immersion depth (cm)	70	70	70	70	90	70	45	70
Part no.	670802	670801	670800	670803	670804	670805	670806	796103
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Manual vacuum pumps

Hand pumps for creating a vacuum through suction.
Supplied complete with:
vacuum gauge calibrated in inches and cm Hg ;
1 PVC pipe 60 cm, internal diameter 6.3 mm (1/4").

- Light
- Easy to use
- In PVC or aluminium
- With or without vacuum gauge
- Transfer of liquid samples
- Filtration under vacuum or pressure
- Vacuum desiccator
- Maximum obtainable vacuum: 0.84 bar (635 mm Hg)

Capacity	15 cm3/pulse	36 cm3/pulse
	PVC pump without gauge	
Part no.	029338	029339
€	N/A -	N/A -
	Removable PVC pump with gauge	
Part no.	029342	029343
€	N/A -	N/A -
	Removable aluminium pump with gauge	
Part no.	029344	-
€	N/A -	-



029338



029339



029343

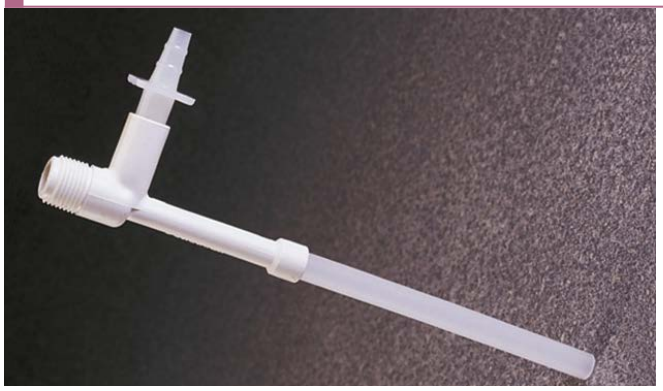


029344



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Economical water jet pump



Small water spout for tap with non-return valve, made of polypropylene.

- Vacuum: 724 mm Hg
- Flow rate : 6.5 L/minute
- Suction capacity: 11.5 L/h
- Complete with R3/8" fitting and 12 cm drainage pipe

Part no.	Designation	€
029337	Economical vacuum pump	N/A -

Polypropylene water vacuum pump



Complete water jet pump, made from high resistance polypropylene, for creating vacuums and suction of liquids.
The pimp is delivered complete with:
a nut connector for R3/4" tap, an R1/2" reducer connector and a connector for vacuum hose barb fitting pipe ø external 10 - 12 mm;
an unscrewable connector for vacuum hose barb fitting connector with external diameter 6 - 9 mm and a GL 14 screw cap

- Consumption: 190 l/h at 3.5 bar pressure
- Final pressure: 16 mbar at 12 °C
- Suction capacity: 400 l/h at 12 °C and 3.5 bar
- Length : 210 mm
- Can be used down to 80 °C
- Backflow valve

Accessory

Part no.	Designation	€
090296	Reduction adaptor M 22 x 1 (aerator thread)	N/A -

Part no.	Designation	€
090294	Complete vacuum pump	N/A -

Piston pump WOB-L U2511C

- Reliable and economical
- For water vapour only
- Common vacuum applications in the laboratory
- Oil free
- With handle for easy transport

Vacuum limit (mbar)	292
Flow rate 50 Hz (L/min)	9.2
Fittings	Fluted 6 mm
Decibel (DIN EN ISO 2151)	≤ 45
Dimensions L x D x H (mm)	194 x 114 x 191
Weight (kg)	2.3
Part no.	498001
€	N/A -



WOB-L piston pumps

- Can be used for pressure up to 6.8 bar or as a vacuum pump
- Equipped with a pressure gauge and vacuum gauge with control valve
- Oil free
- Aluminium piston coated with PTFE
- For aqueous or non-aggressive solvent solutions

Model	WOB-L® 2522	WOB-L® 2534	WOB-L® 2546
Vacuum limit (mbar)	133	93	80
Flow rate 50 Hz (L/min)	18	28	38
Fittings	internal diameter 6 mm		DN8
Decibel (DIN EN ISO 2151)	≤ 56 dB		
Dimensions L x D x H (mm)	206 x 224 x 254		254 x 191 x 229
Weight (kg)	5.3	5.3	6.3
Part no.	498002	498003	498004
€	N/A -	N/A -	N/A -



WOB-L® 2522



WOB-L® 2546

Vacuum pump N86 for neutral gases

- 100% oil-free
- Maintenance free
- For simple filtration and drying applications where chemical resistance is not essential

Model	N 86KN.18
Ultimate vacuum (mbar abs)	100
Flow rate at P. atm (l/min)	6
Operating pressure (bar)	2.4
Ø connection (mm)	4
Number of heads	1
Pump head material	PPS
Membrane material	EPDM
Valve material	FPM
Dimensions (L x W x H) (mm)	164 x 141 x 90
Weight (kg)	1.9
Part no.	046202
€	N/A -



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Rocker vacuum pumps

ROCKER

- For degassing, vacuum filtration, air sampling
- With vacuum control system
- Oil-free, maintenance-free piston pumps
- System for preventing liquid ingress into the pump (except models 800 and 810)
- Particulate filter at the air intake (and at the outlet for model 430)
- Automatic shutdown in the event of overheating and resumption of suction after cooling



886075


886082

Model	Rocker 430	Rocker 300DC	Rocker 300	Rocker 400	Rocker 410
Vacuum (mbar abs.)	173	146	106		33
Maximum flow rate (l/min)	28	25	20	34	20
Maximum pressure (psi)	80	-	-	-	-
Max power (W)	125	35	60	80	80
Suction connection (mm)	8	8	8		8
Noise level (dB)	52	50	50	52	52
Dimension L x W x H (cm)	24.7 x 23.5 x 20.4	26.8 x 13.5 x 20.4	26.8 x 13.5 x 20.4	31 x 13.5 x 20.4	31 x 13.5 x 20.4
Weight (kg)	5.5	3.5	4.1	5.2	5.2
Part no.	886082	886075	886074	886076	886077
€	N/A -	N/A -	N/A -	N/A -	N/A -

Vacuubrand vacuum pumps

VACUUBRAND

- 100% oil-free
- Noise level: 45 dB
- Maintenance free
- PTFE sandwich membrane: one layer of PTFE, one layer of FPM, one layer of fibre for excellent chemical and mechanical resistance



978002



978008



978010

	Diaphragm pump			Diaphragm pump, "chemistry" pumping group		
Model	ME1*	ME2NT	ME4NT	ME1C*	ME2CNT	ME4CNT
Vacuum (mbar abs.)	100	70	70	100	70	70
Maximum flow rate (l/min)	11.60	33.30	65	11.60	35	66.60
Back pressure max. (bar abs.)	1.10	2	2	1.10	1.10	1.10
Weight (kg)	5	10.20	11	5	10.20	11.10
Membrane	PTFE	FPM	FPM	PTFE	PTFE Sandwich	PTFE Sandwich
Valves	PTFE	FPM	FPM	PTFE	PTFE	PTFE
Dimensions (mm)	247 x 121 x 145	243 x 211 x 198	243 x 239 x 198	247 x 121 x 145	243 x 211 x 198	254 x 243 x 198
Suction connection	DN 6/10 mm	DN 10 mm	DN 10 mm	DN 10 mm	DN 10 mm	DN 10 mm
Discharge connector	G1/8" (Silent)	G1/4" (Silent)	G1/4 "(Silent)	DN 10 mm	DN 10 mm	DN 10 mm
Part no.	978000	978005	978010	978002	978008	978115
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Accessories						
Part no. - Set of membrane valves	978004	978007	978011	978004	978009	978013
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. - Air regulator with pressure gauge	978001	978006	978006	978003	-	-
€	N/A -	N/A -	N/A -	N/A -	-	-

* Power button on the top, can be placed on the floor and activated with the foot.

Vacuum tubing

Part no.	Designation	€
978014	Rubber vacuum hose DN 6 (per metre)	N/A -
978015	Rubber vacuum hose DN 8 (per metre)	N/A -
978016	Rubber vacuum hose DN 10 (per metre)	N/A -

Diaphragm vacuum pumps for aggressive solutions Chemker

- For vacuum filtration, solvent purification, SPE, and rotary evaporators
- All parts in contact with the aspirated air are made of PTFE for high chemical resistance
- Operate without oil, require no maintenance
- Automatic shutdown in case of overheating and resumption of suction after cooling
- The Chemker 411 pump is equipped with a moisture trap and a valve for vacuum adjustment

Model	Chemker 300	Chemker 400	Chemker 410	Chemker 411
Vacuum (mbar abs.)	120		14	
Maximum flow rate (l/min)	18	33	18	
Suction connection (mm)	8			
Noise level (dB)	50			
Dim. L x w x h (cm)	20.3 x 11.2 x 20.9	26.7 x 11.2 x 18.1	26.2 x 14.8 x 18.2	26.2 x 23.6 x 19.3
Weight (kg)	5.0	7.0		7.4
Part no.	886070	886071	886072	886073
€	N/A -	N/A -	N/A -	N/A -



Chemker 300



Chemker 411

Diaphragm vacuum pumps for aggressive solutions 300C and 410C

Rocker 410C and 300C vacuum pumps

- PTFE-coated diaphragm chamber and stainless steel valve for enhanced resistance to corrosive gases
- With vacuum control system
- Oil-free, maintenance-free piston pumps
- Condensate trap
- Automatic shutdown in the event of overheating and resumption of suction after cooling



300C vacuum pumps with complete filtration system

Complete system delivered with:

+ 300 ml glass funnel;
+ anodised aluminium retaining clamp;
+ glass base for a 47 mm filter;
+ silicone stopper;
+ adapter for GL 45 neck bottles;
+ 1000 ml borosilicate glass bottle with GL 45 cap.



	Rocker pump 300°C	Filtration system with 300C	Rocker pump 410C
Vacuum (max mbar)	145	145	25
Maximum flow rate (l/min)	20	20	20
Max power (W)	60	60	80
Suction connection (mm)	8	8	8
Noise level (dB)	50	50	52
Dim. (L x W x H) (cm)	28.5 x 13.5 x 20.4	28.5 x 13.5 x 20.4	31 x 13.5 x 20.4
Weight (kg)	4.1	4.1	5.6
Part no.	886083	886084	886206
€	N/A -	N/A -	N/A -

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Adjustable flow diaphragm pumps for corrosive gases







- Small footprint
- Clean, oil-free operation

Model	N 96	N 820 G	N 840 G	N920G
Ultimate vacuum (mbar abs)	130	6	6	2
Max. flow at P.atm (l/min)	7	20	34	21
Operating pressure (bar)	2.5	0.1	0.1	0.5
Ø connection (mm)	6	9	9	10
Pump head material	PPS	TFM PTFE	TFM PTFE	PPS
Membrane material	PTFE	PTFE	PTFE	PTFE
Valve material	FKM	FFPM	FFPM	FFPM
Dim. l x w x h (mm)	75 x 156 x 119	163 x 256 x 220	177 x 289 x 240	158 x 324 x 226
Weight (kg)	1.3	8.8	11.3	8.5
Part no.	046540	046545	046546	046520
€	N/A -	N/A -	N/A -	N/A -
Accessories				
Maintenance kit	046544	046549	046550	158525
€	N/A -	N/A -	N/A -	N/A -
Set nozzles + silencers	046542	-	-	-
€	N/A -	-	-	-
Nozzles	-	046547	046547	-
€	-	N/A -	N/A -	-

Vacuum pumps for wet gases

- Clean, oil-free operation
- Ideal for extremely aggressive and humid vapours and gases
- Integrated self-drying system that prevents the accumulation of condensates in pump heads



Model	N 820.3FT.18	N 840.3FT.18
Ultimate vacuum (mbar abs)	8	
Flow rate at P. atm (l/min)	20	34
Ø connection (mm)	10	
Number of heads	2 (series)	
Pump head material	PTFE	
Membrane material	PTFE	
Valve material	FFPM	
Dim. (W x D x H) (mm)	312 x 154 x 207	341 x 166 x 266
Weight (kg)	9.3	12.6
Part no.	046203	046210
€	N/A -	N/A -
Accessory		
Part no.	046297	046517
€	N/A -	N/A -

Chemical resistant pumping unit SH and SR





Applications: distillation or rotary evaporation

- SH Series: 1 separator on the suction side and a high performance condenser on the discharge side
- SR series: 2 separator bottles on the suction side and one on the discharge side
- Pump for vapours and aggressive gases
- Oil-free technology
- Integrated air ballast valve
- Speed adjustment
- Status indication: operating, standby or error
- To be combined with the VC900 vacuum regulator (part number 046362) for flow control according to process requirements

Model	SR820G	SH820G	SR840G	SH840G
Vacuum (mbar abs.)	6			
Nominal flow rate (l/min)	20		34	
Number of separator flasks for suction	2	1	2	1
Max. operating pressure (bar)	0.1			
Ø inlet/outlet connection (mm)	8 à 9,5/10			
Pump head material	TFM™ PTFE			
Membrane material	PTFE			
Valve material	FFPM			
Dimensions L x D x H (mm)	282 x 260 x 234	323 x 260 x 416	299 x 274 x 250	-
Weight (kg)	10.7	11.7	13.1	14.1
Part no.	158517	158519	158518	158520
€	N/A -	N/A -	N/A -	N/A -
Spare parts kit (with additional O-rings)				
Part no.	158521	158523	158522	158524
€	N/A -	N/A -	N/A -	N/A -

Pumping group for rotary evaporators

- Intelligent vacuum regulation, continuously adapting to the boiling point of any solvent contained in a mixture
- Remote control for external operation of a fume hood

Model	SC 920
Vacuum max. limit (mbar abs)	2
Flow rate at P. atm (l/min)	20
Pump head material	PPS
Membrane material	PTFE
Valve material	FFPM
Dimensions (L x W x H) (mm)	366 x 294 x 423
Weight (kg)	15.2
Part no.	046363
€	N/A -



Accessories

Part no.	Designation	€
046500	Vacuum tubing for fitting Ø 4 mm Norprene length 1 m	N/A -
046501	Vacuum tubing for fitting Ø 6 - 10 mm Norprene length 1 m	N/A -
054595	Vacuum gauge valve for vacuum adjustment	N/A -

MZ2CNT membrane vacuum pump and MZ2CNT pumping unit + AK SYNCHRO + EK

VACUUBRAND

- High chemical resistance and good tolerance to condensates
- High flow rates even near the vacuum limit
- Good vacuum limit under an air/inert gas ballast
- Silent operation: 45 dBA

Pumping group MZ2CNT + AK SYNCHRO + EK:

- For synchronous operation of two applications with manual vacuum regulation
- AK suction separator at pump inlet for condensate recovery
- EK steam condenser at pump outlet for efficient solvent recovery

Model	MZ2CNT pump	Pumping group MZ2CNT + AK SYNCHRO + EK
Ultimate vacuum (mbar abs.)	7	
Maximum flow rate (l/min)	33.30	
Back pressure max (bar abs.)	1.1	
Membrane	PTFE	
Valves	FFKM	
Suction connection	DN 8-10 mm spigot	2 end caps DN 8-10 mm
Discharge connector	DN 8-10 mm spigot	DN 8-10 mm spigot
Cooling water connection	-	2 end caps DN 6-8 mm
Dimensions (L x W x H) (mm)	243 x 243 x 198	248 x 326 x 402
Weight (kg)	11.1	14.5
Part no. pump only	978061	978082
€	N/A -	N/A -



978061



978082

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Vacuu-Pure screw vacuum pump



978742



978743
± 978744
± 978747

- 100% oil-free, non-abrasive, no wear parts
- Frictionless operation: no particle generation
- RS485 interface with Modbus RTU protocol for remote control of the pump
- Noise level: 55 dB
- Version 10C for enhanced chemical resistance

Model	Vacuu-Pure 10	Vacuu-Pure 10C
Vacuum limit (absolute mbar)	5	
Flow at atm. pressure (L/min)	166.7	150
Maximum exhaust pressure	1015 mbar	
Connection	KF DN 25	
Rated engine power (kW)	0.7	
Dimensions W x D x H (mm)	269 x 507 x 413	
Weight (kg)	21.1	21.5
Part no.	978742	978743
€	N/A -	N/A -

Accessories

Part no.	Designation	€
978744	Mini cart for Vacuu-Pure pump	N/A -
978745	USB to Vacuu-Bus communication kit	N/A -
978746	AK suction separator with round bottle 500 mL	N/A -
978747	EK600 steam condenser with 500 mL round bottle	N/A -
978749	Muffler with 90° elbow KF DN25	N/A -
978661	Vacuu-view extended vacuum meter 1100-0,001 mbar	N/A -
978750	Fine vacuum control kit: Vacuu-Select + Vacuu-View extended	N/A -

Vacuu-Select benchtop controller



- The user interface allows the selection of predefined vacuum processes for all common laboratory applications
- Available in a built-in version for the workstation

Measurement limits (mbar)	0.1 - 1080
Precision (mbar)	± 1
Temperature drift (mbar/K)	< 0.15
Operating temperature	10 - 40 °C
Interface	Ethernet / USB Type A
Dimensions (L x W x H) (mm)	127 x 191 x 187
Part no.	978141
€	N/A -

Vacuubrand rotary vane pumps

- Flow rate from 2.3 to 8.9 m³/h
- High water vapour compatibility due to optimised air ballast
- Large useful oil volume = Longer oil change intervals
- Oil circuit with shut-off seal against ingress of corrosive gases and oily impurities into the unit at standstill to prevent corrosion
- Easy maintenance thanks to telescopic construction



Model	RE2.5	RE6	RE9	RZ2.5	RZ6	RZ9
Number of floors		1 level			2 layers	
Flow rate 50 Hz (m³/h)	2.3	5.7	8.9	2.3	5.7	8.9
Ultimate vacuum without air ballast	3 x 10^{-1}	1 x 10^{-1}	1 x 10^{-1}	2 x 10^{-3}	2 x 10^{-3}	2 x 10^{-3}
Ultimate vacuum with air ballast	8 x 10^{-1}	6 x 10^{-1}	6 x 10^{-1}	1 x 10^{-2}	1 x 10^{-2}	1 x 10^{-2}
Suction connection			Small flange KF DN 16			Small flange KF DN 25
Discharge connection			DN 8-10 mm spigot			Small flange KF DN 25
Oil volume min/max (ml)	180/450	360/800	400/1200	100/250	340/650	1500/1800
Decibel (DIN EN ISO 2151)	43	50	52	43	50	52
LxDxH dimensions (mm)	316 x 125 x 190	370 x 142 x 207	460 x 152 x 232	316 x 125 x 190	370 x 142 x 207	460 x 152 x 232
Weight (kg)	10.2	15.4	21.4	11.4	16.4	24.2
Pump						
Part no.	978674B	978080B	978097B	978079B	978787B	978050B
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Package with escape filter and isolation valve						
Part no.	-	-	-	978032B	977970	-
€	-	-	-	N/A -	N/A -	-

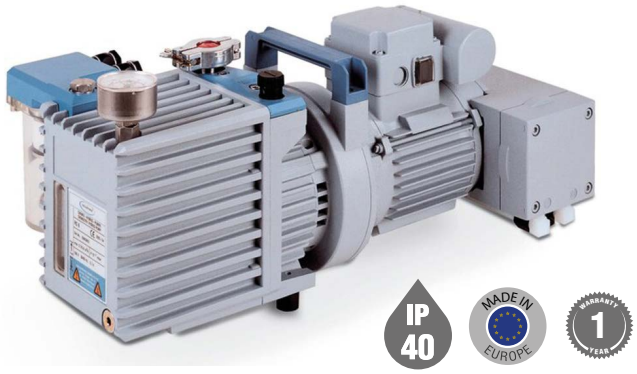
Accessories

Part no.	Designation	€
978652	Stainless steel hose for RZ6	N/A -
978653	Stainless steel hose for RZ9	N/A -
978852	Inlet separator for RE and RZ6	N/A -
978098	Inlet separator for RZ9	N/A -
978109	Oil mist separator R2.5/6	N/A -
978099	Oil mist separator DN25	N/A -

Part no.	Designation	€
978015	Rubber vacuum hose DN 8 mm	N/A -

Hybrid pump Chemistry RC6

- The advantages of the chemical resistance of a diaphragm pump and the ultimate vacuum of a vane pump
- The diaphragm pump maintains the oil casing under vacuum, preventing the condensation of corrosive vapours and allowing for reduced maintenance
- Diaphragm pump: EFTE and PTFE vapour contact parts
- For applications with aggressive vapours
- Economical solution: a cold trap is often unnecessary
- Supplied with: overload circuit breaker, centring and clamping ring, and particle filter for the inlet, oil mist filter with pressure relief valve for the outlet, PVC silencer for the outlet, vacuum controller, power cable, 500 ml of oil
- Applications: lyophilisation, distillation, vacuum oven, rotary evaporators



Levels	2+2
Flow rate 50 Hz (m³/h)	5.9
Ultimate vacuum without air ballast	2 x 10^{-3}
Ultimate vacuum with air ballast	1 x 10^{-2}
Suction connection	Small flange KF DN 16
Discharge connection	DN 8-10 mm spigot
Oil volume min/max (ml)	340 / 500
Decibel (DIN EN ISO 2151)	50
Dimensions L x D x H (mm)	510 x 305 x 230
Weight (kg)	24.2
Part no.	978967
€	N/A -

Oil B for vane pumps

- Good resistance to chemical agents
- For pumping acidic or basic oxidants or vapours
- Viscosity at 40 °C 95 mm^2/s
- Usable for all RE/RZ/RC pumps
- Minimum oxidizability

Part no.	Volume (l)	€
978093	1	N/A -
978041	5	N/A -
978851	20	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

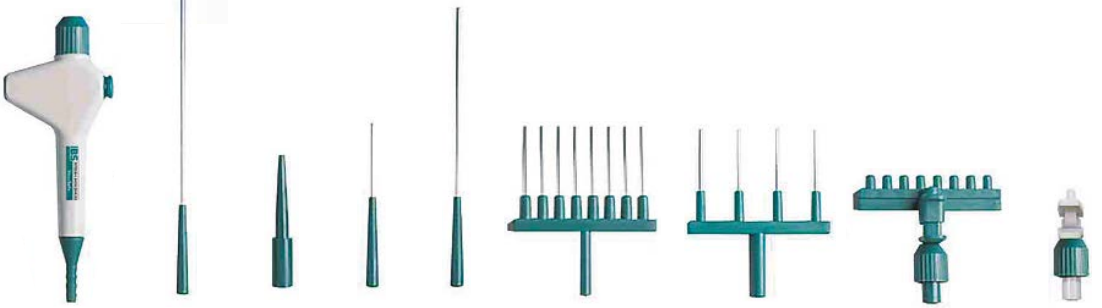
VacuBoy handle for vacuum system

INTEGRA



- Locking button for continuous suction
- Compatible with Ø 8 mm tubing
- Fully autoclavable

Composition	Kit simple	Kit complete	Accessories only Part no.	€
VacuBoy handle	x	x	-	-
Single-channel plastic adapter for micropipette cone	-	x	155504	N/A -
Single-channel stainless steel adapter 40 mm	x	x	155502	N/A -
Single-channel stainless steel adapter 150 mm	-	-	155522	N/A -
Single-channel stainless steel adapter 280 mm	-	-	155525	N/A -
8-channel stainless steel adapter 40 mm	-	x	155503	N/A -
4-Channel stainless steel adapter 40 mm	-	-	155524	N/A -
8-channel adapter with ejector for micropipette cone	-	x	155520	N/A -
Single-channel adapter with ejector for micropipette cone	x	x	155526	N/A -
Support for Vacuboy handle	-	x	155501	N/A -
Adapter for Pasteur pipette	x	x	155505	N/A -
Silicone tubing 1.8m Ø 8 mm	-	x	158332	N/A -
Part no.	004930B	004930		
€	N/A -	N/A -		



004930B 155525 155504 155502 115522 155503 155520 155526

Handles Plus & Biodolphin for suction system

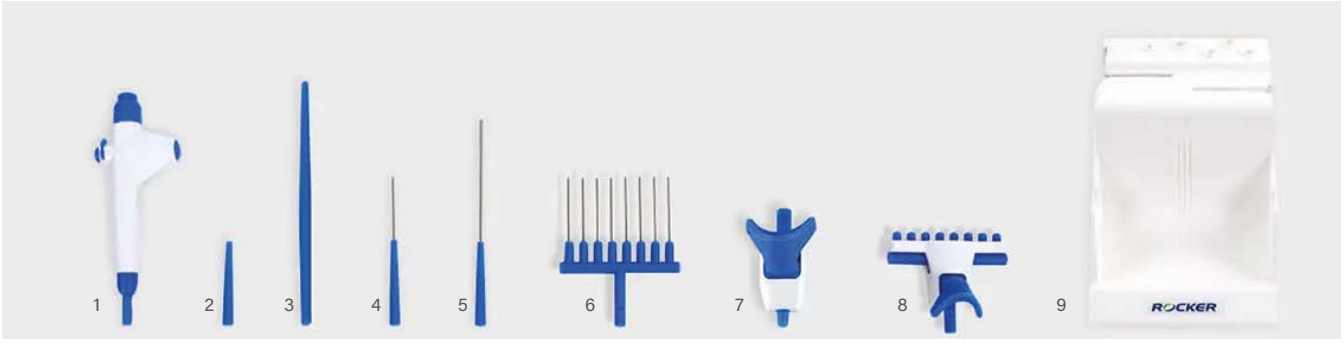
ROCKER

NEW



- Locking button for continuous suction
- Compatible with Pasteur pipettes without adapters
- Compatible with 6 mm Ø tubing
- Fully autoclavable (except for rack)

Composition	Plus	Biodolphin
Handle (1)	x	x
Single-channel micropipette tip adapter 50 mm (2)		x
Single-channel micropipette tip adapter 150 mm (3)	x	x
Single-channel stainless steel tip 40 mm (4)		x
Single-channel stainless steel tip 80 mm (5)		x
8-channel stainless steel tip 40 mm (6)		x
Single-channel micropipette tip adapter with ejector (7)	x	x
8-channel micropipette tip adapter with ejector (8)	x	x
Handle holder (9)		x
Part no. Light blue	886278	886032
€	N/A -	N/A -
Part no. Dark blue	-	886033
€	-	N/A -
Part no. Green	004930B	886035
€	-	N/A -



Vacusip suction system

INTEGRA

- Automatic pump shutdown when the vacuum limit is reached
- Autoclavable liquid-contacting components
- Supplied complete with bottle, silicone suction handle, single-channel and 8-channel stainless steel nozzles, adapter for GripTips cones, tubes and filters

Model	Vacusip standard	Vacusip with battery
Max air flow (l/min)	2.3	
Ultimate vacuum (mbar abs.)	750	
Recovery bottle	500 ml	
Battery autonomy	-	5 h
Dimensions (l x w x h) (mm)	162 x 120 x 345	
Weight (g)	500 (without bottle)	
Part no.	159510	159500
€	N/A -	N/A -

more info Dutscher.com



Dutscher.com

Spare parts

Part no.	Designation	€
159040	Vacusip set including: handle, silicone tubing (1.2 m + 0.22 mm), 1 filter	N/A -
159020	Vacusip handle	N/A -
159031	500 ml INTEGRA borosilicate glass bottle with standard blue cap	N/A -
159035	Green cap with connections x 2	N/A -
159032	Single-use PP bottle 500 ml x 10	N/A -
171023	Silicone tubing 3 mm, length 2.5 m	N/A -
171033	Silicone tubing 3 mm, length 25 m	N/A -

Accessories

Part no.	Designation	€
155502	Single-channel stainless steel adapter 40 mm	N/A -
155503	8-Channel stainless steel adapter 40 mm	N/A -
155525	Single-channel stainless steel adapter 280 mm	N/A -
159026	Single-channel adapter with ejector for single-use tips	N/A -
159024	8-channel adapter with ejector for single-use tips	N/A -

Suction and/or filtration system Lafil 100

ROCKER

- Autoclavable handle and connections
- Collection reservoir for liquid residues at the base of the device
- Supplied complete with bottle, suction handle, adapter for Pasteur pipettes, adapters for 200 µl tips (single-channel and 8-channel), tubing and filter

Lafil 100 eco suction system

- Automatic vacuum regulation: pump shutdown when the desired vacuum level is achieved

Model	Lafil 100	Lafil 100 eco
Max air flow (l/min)	4	
Ultimate vacuum (mbar abs.)	345	480
Recovery bottle	PP 1l	
Dimensions (l x w x h) (mm)	270 x 130 x 280	
Weight (kg)	1.3	1.5
Part no.	886012	886242
€	N/A -	N/A -



Accessories

Part no.	Designation	€
886027	8-channel adapter with stainless steel tip 40 mm	N/A -
886028	Single-channel adapter with stainless steel tip 40 mm	N/A -
886029	Single-channel adapter with stainless steel tip 80 mm	N/A -
886013	PES filtration funnel 300 ml (LF 3a)	N/A -
886030	PES filtration funnel 500 ml (LF 5a)	N/A -
886031	UV-resistant storage cover	N/A -

Grant FTA-1 suction system

GRANT

Max water flow rate (ml/min)	72
Ultimate vacuum (mbar abs.)	500
Recovery bottle	1 l
Dimensions (l x w x h) (mm)	340 x 210 x 160
Weight (kg)	1.7
Part no.	144746
€	N/A -

2 YEARS WARRANTY



Dutscher.com



144748

Accessories

Part no.	Designation	€
144747	Kit with adapter + 8 channel holder	N/A -
144748	8 channel adapter only	N/A -
144749	Replacement filter	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Lafil 200 Rocker suction system

ROCKER



- PP recovery bottle 4 L
- Quick-connect stopper for hoses
- Liquid level detection
- Lafil 200 eco with pump shutdown when the desired vacuum is reached

Model	Lafil 200	Lafil 200 eco
Ultimate vacuum (mbar abs.)	1013 - 213	880 - 370
Max air flow (l/min)	10	
Maximum suction speed (ml/s)	17	
Automatic switch-off	-	Yes
Sound level (dB)	55	
Dimensions (L x W x H)(mm)	375 x 258 x 217	
Weight (kg)	2.1	2.3

Composition package	Plus	Biodolphin
Handle	x	x
Single-channel micropipette tip adapter 50 mm		x
Single-channel micropipette tip adapter 150 mm	x	x
Single-channel micropipette tip adapter with ejector	x	x
8-channel micropipette tip adapter with ejector	x	x
Single-channel stainless steel tip 40 mm		x
Single-channel stainless steel tip 80 mm		x
8-channel stainless steel tip 40 mm		x
Handle holder		x

Part no.	Designation	€
886150	Lafil 200 plus pack	N/A -
886149	Lafil 200 Biodolphin pack	N/A -
886236	Lafil 200 Eco Plus pack	N/A -
886237	Biodolphin Lafil 200 eco pack	N/A -

AZ suction systems

Hettich



Complete systems with pump

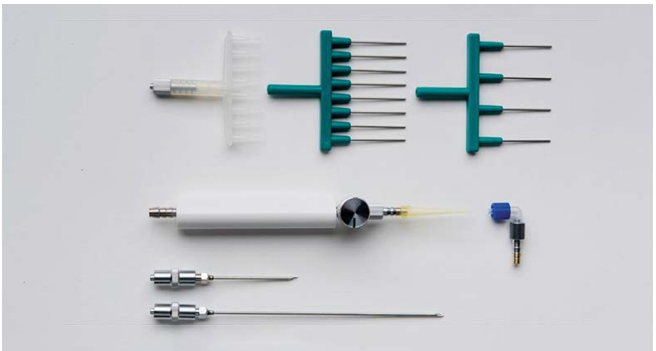
- Supplied with bottle, cap, quick connectors, tubing, and filter
- To be completed with an suction handle

Model	AZ 02	AZ 04
Max air flow (l/min)	8	
Ultimate vacuum (mbar abs.)	700	
Recovery bottle	2 l	4 l
Dimensions (l x w x h) (mm)	170 x 106 x 60 (excluding bottle)	
Weight (kg)	0.9 (excluding bottle)	
Part no.	841078	841079
€	N/A -	N/A -

Pumpless systems

- Includes bottle, stopper, holder, quick connectors, hoses, filter, and dial suction handle

Model	AK 02	AK 04
Recovery bottle	2 l	4 l
Part no.	841081	841082
€	N/A -	N/A -



Suction handle & adapters

Part no.	Designation	€
841093	Suction handle with Flow Control knob *	N/A -
841094	Single-channel stainless steel suction adapter 60 mm	N/A -
841095	Single-channel stainless steel suction adapter 150 mm	N/A -
841096	Single-channel stainless steel suction adapter 200 mm	N/A -
841097	Suction adapter for yellow pipette tips	N/A -
841098	8-channel autoclavable suction adapter for microplates	N/A -

* The suction handle is supplied with an adapter for standard Pasteur pipettes.

Replacement bottles and caps

Part no.	Designation	€
841083	Additional 2 l flask with FastLock cap	N/A -
841084	Additional 4 l flask with FastLock cap	N/A -
841086	Holder/stand for 4 l bottle.	N/A -
841090	Replacement cap with FastLock tip for 2 l flask.	N/A -
841091	Replacement cap with FastLock tip for 4 l flask.	N/A -

Accessories

Part no.	Designation	€
841092	Tube Set: 3 m silicone tubing (inner ø 6 mm) + filter	N/A -
841088	Y-manifold for more than one hose	N/A -
841089	Pack of 3 spare safety filters	N/A -
841087	Additional hose clip for FastLock tips	N/A -
841100	Membrane vacuum pump, single, 8 l/min 700 mbar	N/A -
841103	Foot switch ON/OFF for pumps and systems	N/A -

Vacuubrand BVC suction systems

VACUUBRAND

- Touch panel control
- Autoclavable recovery bottle
- Automatic vacuum regulation: the pump switches off when the desired vacuum is reached
- Two handles can be connected to a vacuum system using the optional connection kit
- Supplied complete with VHC Pro suction handle





BVC pro

- Liquid level sensor
- Suction tube disinfection routine

Model	BVC Control	BVC Control G	BVC Pro	BVC Pro G
Max air flow (l/min)	11.6			
Ultimate vacuum (mbar abs.)	100			
Recovery bottle	PP 4l	Glass 2 l	PP 4l	Glass 2 l
Level detector	No	No	Yes	Yes
Dim. w x d x h (mm)	408 x 194 x 500	408 x 194 x 430	408 x 194 x 500	408 x 194 x 430
Weight (kg)	7.3	7.7	7.3	7.7
Part no.	978019	978020	978021	978022
€	N/A -	N/A -	N/A -	N/A -

VHC Pro suction handle

- Through-hose, liquid does not come into contact with handle
- Supplied with wall bracket
- Autocalvable

Part no.	Designation	€
978033	VHC Pro suction handle	N/A -
978053	Adapter for 200 µl micropipette tips with ejector	N/A -
978054	8-channel adapter for 200 µl micropipette tips with ejector	N/A -
978034	Table stand for VHC Pro handle	N/A -

Accessories

Part no.	Designation	€
978030	Connection kit for second HCV handle for PP bottle 4 L	N/A -
978027	Connection kit for second VHC handle for 2 l glass bottle	N/A -
978029	Pump protection filter 0.2 µm	N/A -

Vacusafe suction systems

INTEGRA

- Accessories (handle, fittings, tubes, bottles) fully autoclavable
- Adjustable vacuum for noise reduction and lifespan extension
- Supplied complete with bottle, VacuBoy handle, tubing, and filter







Model	Vacusafe Eco	Vacusafe standard	Vacusafe plus
Max air flow (l/min)	8		
Ultimate vacuum (mbar abs.)	400 to 700		
Recovery bottle	PP 4l		Glass 2 l
Level detector	-	Yes	
Dim. (W x D x H) (mm)	530 x 180 x 320		
Weight (kg)	3.4		
Part no.	158320	158310	158300B
€	N/A -	N/A -	N/A -

Bottles

Part no.	Designation	€
158370	Polypropylene bottle 4 L with closed cap	N/A -
888967	Glass bottle 2 L with closed cap	N/A -
158432	PP bottle set 4 L with "Eco" cap	N/A -
158431	PP bottle set 4 L with "Standard" cap	N/A -
888969	Glass bottle set 2 L with "Plus" cap	N/A -

Accessories

Part no.	Designation	€
158331	Silicone tube Ø 8 mm 70 cm Vacusafe bottle	N/A -
158332	Silicone tube Ø 8 mm 1.8 m handle bottle	N/A -
158015	Non-sterile replacement filter 0.45 µm	N/A -
888983	Non-sterile replacement filter 0.2 µm	N/A -
888972	Replacement seal for 2-litre glass bottle	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Lab peristaltic pumps with EasyPump heads



129575



129599

- Stainless steel case
- Pump head rotation reversal function

IP 31

WARRANTY 3 YEARS

Model	Nb. of channels	Compatibility	Pressure on the adjustable tube
EasyPump I	1	Wall th. 1.6 mm	No
EasyPump II	1	Wall th. 2.4 mm	No
EasyPump III	1	Wall th. 1.6 mm	Yes
EasyPump IV	1	Wall th. 2.4 mm	Yes
EasyPump V	2	Wall th. 1.6 mm	No
EasyPump VI	2	Wall th. 1.6 mm	Yes

Find the pumps equipped with EasyPump heads III to VI and the 2-head models on Dutscher.com

LabM peristaltic pumps

- For single transfer applications with rotation speed control

Model	LabM1	LabM3	LabM6
Interface	Digital		
Speed (rpm)	0.1 - 150	0.1 - 350	0.1 - 600
Flow rate (ml / min)	0.0053 - 775	0.0053 - 1808	0.0053 - 3100
Flow accuracy	± 0,5 %		
Operating mode	Continuous (speed only)		
Communication interface	RS232, ModBUS protocol (RTU mode)		
Dimensions (l x w x h) (mm)	259 x 157 x 237		
Weight (kg)	4.4		
Conditions to use	0 to +40 °C / 80% RH		
Part no. Pump + EasyPump I head	129551	129563	129575
€	N/A -	N/A -	N/A -
Part no. Pump + EasyPump II head	129553	129565	129577
€	N/A -	N/A -	N/A -

LabN peristaltic pumps

- For transfer applications requiring a constant and controlled flow

Model	LabN1	LabN3	LabN6
Interface	Digital		
Speed (rpm)	0.1 - 150	0.1 - 350	0.1 - 600
Flow rate (ml / min)	0.0053 - 775	0.0053 - 1808	0.0053 - 3100
Flow accuracy	± 0,5 %		
Operating mode	Continuous (flow rate or speed) and timer		
Timer	1 s to 9999 h		
Communication interface	RS232, ModBUS protocol (RTU mode)		
Dimensions (l x w x h) (mm)	259 x 157 x 237		
Weight (kg)	4.4		
Conditions to use	0 to +40 °C / 80% RH		
Part no. Pump + EasyPump I head	129587	129599	129111
€	N/A -	N/A -	N/A -
Part no. Pump + EasyPump II head	129589	129101	129113
€	N/A -	N/A -	N/A -



129135

LabV & LabF peristaltic pumps

- For distribution and transfer applications requiring programming
- Supplied with a control pedal

Model	LabV1	LabV3	LabV6	LabF1	LabF3	LabF6
Interface	Digital					
Speed (rpm)	0.1 - 150	0.1 - 350	0.1 - 600	0.1 - 150	0.1 - 350	0.1 - 600
Flow rate (ml / min)	0.0053 - 775	0.0053 - 1808	0.0053 - 3100	0.0053 - 775	0.0053 - 1808	0.0053 - 3100
Flow accuracy	± 0,5 %					
Distribution mode : volume range (ml)	0.1 - 9999.99					
Distribution mode : volume precision	± 0,5 %					
Operating mode	Continuous, timer, distribution or programmes					
Timer	0.5 s to 9999 h					
Programming	1 programme, x steps (+ repetitions)			60 programme, x steps (+ repetitions)		
Communication interface	RS232, ModBUS protocol (RTU mode)					
Dimensions (l x w x h) (mm)	259 x 157 x 237					
Weight (kg)	4.4					
Conditions to use	0 to +40 °C / 80% HR					
Part no. Pump + EasyPump I head	129123	129135	129147	129159	129171	129183
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. Pump + EasyPump II head	129125	129137	129149	129161	129173	129185
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Silicone tubing

Part no.	Type	Dim. (mm) (int/ext Ø)	Wall thickness (mm)	Flow rates (ml/min) LabX1	Flow rates (ml/min) LabX3	Flow rates (ml/min) LabX6	€
129303	#13	0.8 x 4	1.6	0.0053 - 8	0.0053 - 19	0.0053 - 32	N/A -
129304	#14	1.6 x 4.8		0.027 - 41	0.027 - 95	0.027 - 162	N/A -
129305	#19	2.4 x 5.6		0.055 - 83	0.055 - 193	0.055 - 330	N/A -
129306	#16	3.1 x 6.3		0.0933 - 140	0.0933 - 327	0.0933 - 560	N/A -
129307	#25	4.8 x 8		0.1967 - 295	0.1967 - 688	0.1967 - 1180	N/A -
129308	#17	6.4 x 9.6		0.3333 - 500	0.3333 - 1167	0.3333 - 2000	N/A -
129309	#18	7.9 x 11.1		0.43 - 645	0.43 - 1505	0.43 - 2580	N/A -
129413	#15	4.8 x 9.6	2.4	0.18 - 270	0.18 - 630	0.18 - 1080	N/A -
129414	#24	6.4 x 11.2		0.2733 - 410	0.2733 - 957	0.2733 - 1640	N/A -
129415	#35	7.9 x 12.7		0.3833 - 575	0.3833 - 1342	0.3833 - 2300	N/A -
129313	#36	9.6 x 14.4		0.5167 - 775	0.5167 - 1808	0.5167 - 3100	N/A -

Heidolph Hei-flow peristaltic pumps

- Motor protected against overheating, automatic switch-off in case of permanent overload
- Adapted for continuous 24/7 operation
- Constant speed even with load changes
- Change of pump rotation direction in the clockwise or anti-clockwise direction
- Up to two stackable units
- Supplied without a pump head, to be completed with a head of choice



Hei-Flow Expert

Hei-Flow Core peristaltic pumps

- Suitable for simple pumping tasks

Model	Hei-Flow Core 120		Hei-Flow Core 600
Interface	Analog		
Speed (rpm)	10 - 120		50 - 600
Flow rate (ml / min)	0.005 - 364		4.0 - 4151
Flow accuracy	± 5 %		
Operating mode	Continuous 24/7		
Dimensions (l x w x h) (mm)	166 x 256 x 225		
Weight (kg)	7.6		
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	499942	499739*	498789
€	N/A -	N/A -	N/A -

* Supplied with an adapter for multichannel head.

Hei-Flow Expert peristaltic pumps

- 4-20 mA analogue and RS232 digital interface for control via PC or PLC for integration into process automation solutions
- Controllable by foot switch (optional)
- Maximum speed button to accelerate the speed of emptying or filling the tubes

Model	Hei-Flow Expert 120		Hei-Flow Expert 600
Interface	Analog		
Speed (rpm)	5 - 120		24 - 600
Flow rate (ml / min)	0.38 - 813		2.0 - 4056
Flow accuracy	± 3,5 %		
Operating mode	Continuous 24/7		
Communication interface	Analogue 4-20 mA		
Dimensions (l x w x h) (mm)	166 x 256 x 225		
Weight (kg)	7.6		7.3
Conditions to use	+5 to +40 °C / 80% RH		
Part no.	499736	499740*	499737
€	N/A -	N/A -	N/A -

* Supplied with an adapter for multichannel head.

Hei-Flow Ultimate peristaltic pumps

- 4-20 mA analogue and RS232 digital interface for control via PC or PLC for integration into process automation solutions
- Controllable by foot switch (optional)
- Soft-start motors protect against material splashes
- Maximum speed button to accelerate the speed of emptying or filling the tubes
- Individual flow and volume calibration

Model	Hei-Flow Ultimate 120		Hei-Flow Ultimate 600
Interface	Digital		
Speed (rpm)	5 - 120		24 - 600
Flow rate (ml / min)	0.38 - 813		2.0 - 4056
Flow accuracy	± 1 %		± 2 %
Operating mode	Continuous 24/7, distribution		
Communication interface	Analogue 4-20 mA or digital RS232		
Dimensions (l x w x h) (mm)	166 x 256 x 225		
Weight (kg)	7.7		7.3
Conditions to use	+5 to +40 °C / 80% RH		
Protection class	IP55		
Part no.	499738	499741*	498788
€	N/A -	N/A -	N/A -

* Supplied with an adapter for multichannel head.

Single-channel pump heads

- Sealed ball bearings, rollers and roller supports in stainless steel



SP Quick heads

- Quick-change lever for pipes
- 5 rollers for low pulsation

Part no.	Wall thickness comp. (mm)	€
499668	1.6	N/A -
498787	2.5	N/A -



SP Standard heads

- Convex rolls adapted for cell culture

Part no.	Wall thickness comp. (mm)	€
498790	1.6	N/A -
499742	2.5	N/A -



Vario SP head

- Adjustable roller-to-rotor distance for adaptation to any wall thickness
- Convex rolls adapted for cell culture

Part no.	Wall thickness comp. (mm)	€
498791	1.6 or 2.5	N/A -

Multi-channel pump heads for cassettes

- To be completed with a multi-channel head adapter (499753)

Part no.	Type of head	Nb. Roll	Small cassette capacity	Medium cassette capacity	Large cassette capacity	€
499745	C4	8	4	-	-	N/A -
499744	C8	4	-	8	4	N/A -
499743	C12	8	12	-	-	N/A -

Cassettes for multi-channel pump heads

Part no.	Compatibility Tubes	Compatibility Pump head	Size	€
499746	Clamping tubes	C4 and C12	Small	N/A -
499747	Wall th. 1.6 mm	C8	Medium	N/A -
499748	Wall th. 1.6 mm	C8	Big	N/A -

Accessories

Part no.	Designation	€
499754	Foot switch for Hei-flow Advantage and Precision	N/A -
499753	Adapter for multichannel pump head **	N/A -
499963	Fitting for pipes Ø ext. 0,2 to 2,8 mm	N/A -
499755	Cable RS 232	N/A -

** Essential for the use of a multichannel pump head

Prices are indicative and excluding tax. Visit Dutscher.com

Gilson Minipuls 3 peristaltic pump

GILSON



more products Dutscher.com

- Standard heads with 10 rollers for smooth liquid advancement
- 5-roller high-flow heads for increased flow rate
- Supplied without a head, to be completed with a head of choice

Interface	Digital
Speed (rpm)	0 - 48
Standard head flow rate (ml/min)	0.0003 - 30
High-flow head flow rate (ml/min)	1.0 - 220
Mode of operation	Continuous
Communication interface	RS232, GSIOC
Dimensions (l x w x h) (mm)	150 x 175 x 180
Weight (kg)	4
Part no.	066141
€	N/A -

Pump heads

Part no.	Model	Nb. Channels	Compatibility int. Ø tubes (mm)	€
066142	Standard R1	1	0.25 - 4	N/A -
066145	Standard R2	2		N/A -
066143	Standard R4	4		N/A -
066144	Standard R8	8		N/A -
066146	High-flow R2HF	2	2 - 8	N/A -
066147	High-flow R4HF	4		N/A -

Clamping tubes

Part no.	Rider colours		Material	inn. Ø (mm)	Units/box	€/ box
066166	Orange	Yellow	Pharmed	0.6	4	N/A -
066167	White	White	Pharmed	1	4	N/A -
066168	Pink	Pink	Pharmed	2	4	N/A -
066169	Orange	Yellow	Silicone	0.6	4	N/A -
066170	White	White	Silicone	1	4	N/A -
066171	Pink	Pink	Silicone	2	4	N/A -
066172	Pink	White	Silicone	2.8	4	N/A -

Silicone connecting hoses

Part no.	inn. Ø (mm)	Lenght (m)	€
066799	0.6	3	N/A -
066801	1	3	N/A -
066780	2	3	N/A -
066579	3	3	N/A -
066781	4	3	N/A -
066782	5	3	N/A -
066783	6	3	N/A -
066784	7	3	N/A -

Integra Dose-It peristaltic pump

INTEGRA



Dutscher.com

- Delivered complete with 4 mm Ø silicone tubing, suction tubes, collar, and pipette-hose connector

Interface	Digital
Flow rate (ml / min)	0.6 - 5000
Distribution mode : volume range (ml)	0.1 - 9999
Mode of operation	Continuous, timer, programs
Timer	1 sec to 99 h 59 min
Programming	20 programmes, 20 steps
Communication interface	RS232
Dimensions (l x w x h) (mm)	203 x 210 x 191
Weight (kg)	3.5
Part no.	171000
€	N/A -

Silicone tubing

Part no.	inn. Ø (mm)	Flow rate (ml/min)	Length (mm)	€
171021	1	0.6 - 52	2.5	N/A -
171022	2	2.1 - 203	2.5	N/A -
171023	3	4.8 - 475	2.5	N/A -
171024	4	8.4 - 837	2.5	N/A -
171026	6	16 - 1634	2.5	N/A -
171028	8	25 - 2488	2.5	N/A -

Stainless steel dispensing/suction nozzles

Part no.	For tube Ø int (mm)	Length (mm)	€
171051	1	10	N/A -
171052	2	10	N/A -
171053	3	10	N/A -
171054	4	10	N/A -
171056	6	10	N/A -
171058	8	10	N/A -
171064	4	35	N/A -
171066	6	35	N/A -
171068	8	35	N/A -

Accessories

Part no.	Designation	€
060316	Control pedal	N/A -
171081	Laboratory bench switch	N/A -
171091	Mounting bracket with arm for tube attachment	N/A -
171090	Head stack kit	N/A -
171088	Set of tubing for dual-head (Ø 8 mm)	N/A -
171077	5 pipette connectors	N/A -

Flexipump Peristaltic Pumps

interscience
pour la microbiologie

- Easy to use: 1 single button
- Distribution from 50 µl to 99 litres
- Supplied with 3.2 mm tubing

IP 31

FlexiPump Pro

- 2 distribution heads
- Traceability guaranteed by USB and RS232 connection, for connection to a PC or a printer
- Supplied with 3.2 mm and 6.4 mm tubing

Model	FlexiPump	FlexiPump Pro
Interface	Digital	
Speed (rpm)	10 - 550	
Flow rate / head (ml / min)	1.5 - 1250	
Distribution mode: Volume range (ml)	0.05 - 99000	
Distribution mode: Volume precision	9 ml: 1.8% 18 ml: 1% 225 ml: 0.5 %	9 ml: 0.9% 18 ml: 0.5% 225 ml: 0.4 %
Operating mode	Continuous, volume, distribution	
Programming	32 customisable programmes	
Communication interface	-	USB, RS232
Dimensions (l x w x h) (mm)	161 x 273 x 208	161 x 332 x 208
Weight (kg)	5.4	5.55
Part no.	150360	150356
€	N/A -	N/A -



Accessories

Part no.	Designation	€
150362	Foot pedal	N/A -
150361	Dispensing gun	N/A -
150363	Adjustable dispensing arm	N/A -

Compact peristaltic pumps LabT and LabQ

- ABS case
- Pump head rotation reversal function
- Head for tubes with wall thickness of 1.6 mm up to internal Ø. 4.8 mm

WARRANTY 3 YEARS

LabT peristaltic pump

- For single transfer applications with rotation speed control

LabQ peristaltic pump

- For transfer applications requiring a constant and controlled flow



NEW



Model	LabT	LabQ
Head type	KT15	
Interface	Digital	
Speed (rpm)	0.1 - 350	
Flow rate (ml / min)	0.0033 - 326.55	
Flow accuracy	± 0,5 %	
Operating mode	Continuous (speed only)	Continuous (flow rate or speed), timer
Timer	-	1 s to 9999 h
Communication interface	USB, RS232, ModBUS protocol (RTU mode)	
Dimensions (l x w x h) (mm)	180 x 115 x 125	188 x 128 x 135
Weight (kg)	1.1	
Conditions to use	0 to +40 °C / 80% HR	
Protection index	-	IP31
Part no.	129660	129661
€	N/A -	N/A -

Silicone tubing

Part no.	Type	Dim. (mm) (int/ext Ø)	Wall thickness (mm)	Flow rates (ml/min)	€
129303	#13	0.8 x 4	1.6	0.0033 - 11.55	N/A -
129304	#14	1.6 x 4.8		0.0156 - 54.60	N/A -
129305	#19	2.4 x 5.6		0.0286 - 100.10	N/A -
129306	#16	3.1 x 6.3		0.0477 - 166.95	N/A -
129307	#25	4.8 x 8		0.0933 - 326.55	N/A -

Accessories

Stainless Steel Filling Countersunk for pipe

- Maintain the tube submerged
- Made of 304 stainless steel
- Autoclavable

121°

Part no.	Internal Ø of the tube (mm)	€
129356	1.6	N/A -
129357	2.4	N/A -
129358	3.1	N/A -
129359	4.8	N/A -
129360	6.4	N/A -
129491	7.9	N/A -
129492	9.6	N/A -
129493	12.7	N/A -



Stainless steel dispensing tips

- Facilitate the dispensing of the liquid
- Made of 304 stainless steel
- Autoclavable

121°

Part no.	Internal Ø of the tube (mm)	€
129349	0.8	N/A -
129350	1.6	N/A -
129351	2.4	N/A -
129352	3.1	N/A -
129353	4.8	N/A -
129354	6.4	N/A -
129494	7.9	N/A -
129495	9.6	N/A -
129496	12.7	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Hamilton Microlab semi-automatic dispensers and diluters



Microlab 600 dispensers and diluters

- Simplified graphical interface
- Compliant with EPA and ISO
- Compatible exclusively with Hamilton BFP and Saltline syringes
- Delivered with traceable N.I.S.T. certificate

Advanced controller

- Numerous dispensing methods
- Event log monitoring from any PC
- Compliant with FDA GLP and GMP, 21 CFR Part 11
- Supplied with traceable N.I.S.T. certificate.

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Microlab 600 semi-automated dispensers

- Supplied complete with a Concorde or Dual Push manual handle, PTFE tubes, handle holder, universal valves, and power cord

Controller	Basic			Advanced		
Syringe configuration	Single	Dual	Continuous	Single	Dual	Continuous
Handle type	Concorde	Dual push	Concord		Dual push	Concord
Interface	Tactile					
Syringes included	1 ml	2 x 1 ml	2 x 10 ml	1 ml	2 x 1 ml	2 x 10 ml
Flow rate	0.003 µl/s to 6 ml/s					
Dispensing accuracy	± 1 %					
Operating mode	Dispensing			Dispensing, serial dispensing, titration, pipetting, customised programmes		
Pump ports	CAN input, CAN output, RS232, Ethernet, TTL input/output					
Controller ports	SD card slot, USB for peripheral devices, Ethernet, USB-B and RS232 for remote control					
Dimensions (l x w x h) (mm)	Pump: 178 x 140 x 267 / Controller: 57 x 165 x 178					
Weight (kg)	Pump: 5.9 / Controller: 0.86					
Part no.	412387	491062	491064	410504	491063	491065
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Semi-automatic diluters Microlab 600

- Supplied complete with a Concorde or DTHP manual handle, PTFE tubes, handle holder, universal valves, and power cord

Controller	Basic	Advanced
Handle type	Concord	
Interface	Tactile	
Syringes included	250 µl and 2.5 ml	
Flow rate (ml / min)	0.003 µl/s to 6 ml/s	
Flow accuracy	± 1 %	
Operating mode	Dilution	Dispensing, serial dispensing, aliquoting, dilution, titration, pipetting
Pump ports	CAN input, CAN output, RS232, Ethernet, TTL input/output	
Controller ports	SD card slot, USB for peripherals, Ethernet, USB-B and RS232 for remote control	
Dimensions (l x w x h) (mm)	Pump: 178 x 140 x 267 / Controller: 57 x 165 x 178	
Weight (kg)	Pump: 5.9 / Controller: 0.86	
Part no.	491061	410502
€	N/A -	N/A -

Microlab syringe pump only

- For remote computer control with the capability to connect multiple devices in series
- To be completed with a programming kit, valves suited to your application, and tubing
- Contact us for a comprehensive setup tailored to your application

Controller	Without	
Syringe configuration	Single	Dual
Syringes included	1 ml	2 x 1 ml
Flow rate (ml/min)	0.003 µl/s to 6 ml/s	
Flow accuracy	± 1 %	
Pump ports	CAN input, CAN output, RS232, Ethernet, TTL input/output	
Dimensions (l x w x h) (mm)	178 x 140 x 267	
Weight (kg)	5.9	
Part no.	491067	410503
€	N/A -	N/A -

BFP syringes (Bubble Free Prime)

- Expel air from the syringe and the valve to reduce the number of priming cycles

Part no.	Volume	€
410505	10 µl	N/A -
410506	25 µl	N/A -
410507	50 µl	N/A -
410508	100 µl	N/A -
410509	250 µl	N/A -
410511	1 ml	N/A -
410512	2.5 ml	N/A -
410513	5 ml	N/A -
410514	10 ml	N/A -
410515	25 ml	N/A -
410516	50 ml	N/A -



Concorde handle



Dual Push handle

Saltline syringes

- For high-concentration salt solutions

Part no.	Volume	€
491074	1 ml	N/A -
491075	5 ml	N/A -
491076	10 ml	N/A -

Gilson Verity 4000 Series dispensers and dilutors

GILSON

- Comprehensive, intuitive graphical interface
- Compatible exclusively with Gilson diluter syringes
- Complete with controller, syringes and transfer tubes



NEW

Verity 4000 series dispensers / dilutors

Model	Verity 4020	Verity 4120
Syringe configuration	Single	Continuous
Interface	Without	
Flow rate	4 to 100 ml/min	
Dispensing accuracy	± 1 %	
Dimensions (w x d x h) (mm)	146 x 171 x 268	226 x 171 x 269
Weight (kg)	4.4	7.1
Part no.	400181	400182
€	N/A -	N/A -

Verity controller

- Supplied with dispensing handle

Dimensions (W x D x H) (mm)	200 x 140 x 235
Weight (kg)	1.4
Part no.	400183B
€	N/A -

Transfer tubes

- In FEP

Part no.	inn. Ø / ext (mm)	Lenght (m)	€
400194	1.5 x 2.1	3	N/A -
400195	1.5 x 2	1.3	N/A -
400196	1 x 2	1.3	N/A -

Syringes for diluters

Part no.	Volume	€
400184	100 µl	N/A -
400185	250 µl	N/A -
400186	500 µl	N/A -
400187	1 ml	N/A -
400188	5 ml	N/A -
400189	10 ml	N/A -
400190	25 ml	N/A -

Accessories

Part no.	Designation	€
400191	Connector for transfer tube	N/A -
400192	Ferrule for transfer tube	N/A -

KNF Liquiport® series NF liquid pumps

KNF

- Version S with manual flow regulation, version RC with manual control or external device control (cable provided)
- Enable dry start and self-priming
- Protection class IP65
- Engine lifespan 10,000 hours of operation
- Overheat protection



Model	NF 100			NF 1.100			NF 300			NF 1.300		
Flow range (l/min)	0.2 to 1.3			0.2 to 1.3			0.5 to 3			0.5 to 3		
Ø connection (mm)	8			8			12			12		
Suction pressure (mCE)	3			3			3			3		
Discharge pressure (mCE)	10			40			10			40		
Permissible liquid temp.	+5 to +80 °C											
Maximum viscosity (cST)	150											
Pump head material	PP	PVDF	PTFE	PP	PVDF	PTFE	PP	PVDF	PTFE	PP	PVDF	PTFE
Membrane material	PTFE											
Valve material	FFPM											
Dim. (W x D x H) (mm)	130 x 99 x 177						160 x 104 x 188					
Weight (kg)	1						1.5					
Part no. version S	046236B	046238B	046240B	046242B	046244B	046246B	046263B	046265B	046267B	046219B	046356B	046358B
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. version RC	046237B	046239B	046241B	046243B	046245B	046247B	046264B	046266B	046268B	046355B	046357B	046359B
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Alligator 200 water pump

ROCKER

- Ideal for filtration of a large number of samples
- Filtrate discharged directly after passing through the pump
- No need for a waste collection container
- Quick-Fit fitting for easy connection to both sides of the pump
- Ideal for applications in microbiology or water analysis testing without the need for filtrate recovery

Maximum vacuum (mmHg)	525
Maximum flow rate (l/min)	4.5
Power supply	220 V, 2.5 A
Dimension L x W x H (cm)	21.4 x 18.3 x 26.4
Materials in contact with the filter	316 stainless steel, FKM, silicone, PP, PPS
Part no.	886127
€	N/A -

IP 64



Prices are indicative and excluding tax. Visit Dutscher.com

HAWO Impulse Heat Sealers



- Adapted to all types of applications
- Compliant with standards EN ISO 11607-1, EN 868-4, EN 868-5, and EN 868-3

Model	HD 260 MS	HD 470 MS	HM 660 AS-V
Interface	Analog	Digital	
Temperature (°C)	Up to 220 °C		Up to 300 °C
Heating power (W)	870		2800
Weld length (mm)	250	450	630
Weld width (mm)	8		
Dimensions (L x W x H) (mm)	400 x 310 x 220	555 x 310 x 220	700 x 330 x 220
Weight (kg)	8.5	11	26
Part no.	950542	950464	950399
€	N/A -	N/A -	N/A -

Manual heat sealer S-400-B



- Easy to use, press-fit sealing

Temperature (°C)	200
Heating power (W)	100
Weld length (mm)	300
Weld width (mm)	12
Dimensions (L x W x H)(mm)	470 x 350 x 175
Weight (kg)	4.8
Part no.	068587B
€	N/A -

Manual heat sealer 305-C



- Easy to use, press-fit sealing
- Integrated blade for cutting sheaths
- Supplied with 2 Teflon-coated resistance covers and a blade

Temperature (°C)	140 °C
Heating power (W)	1100
Weld length (mm)	300
Weld width (mm)	5
Max. thickness of bag (mm)	0.4
Dimensions (L x W x H)(mm)	480 x 82 x 190
Weight (kg)	5.2
Part no.	068642
€	N/A -

Manual heat sealer 150-C



- Simplified operation, convenient pressure clamp

Temperature (°C)	120 or 180
Heating power (W)	50
Weld length (mm)	150
Weld width (mm)	14
Max. thickness of bag (mm)	0.6
Dimensions (L x W x H)(mm)	170 x 180 x 90
Weight (kg)	0.6
Part no.	068641
€	N/A -

HAWO Continuous Feed Heat Sealers

- Reproducible and qualifiable process
- Adapted to all types of applications
- Compliant with ISO 11607-1, EN 868-3, EN 868-4, EN 868-5, and EN 868-9 standards

Heat sealer HM 4000 DC-VI

- Low particulate emission
- Specifically designed for cleanroom applications

Model	HM 500 DE	HM 950 DC-V	HM 4000 DC-VI
Interface	Digital	Touchscreen	
Temperature (°C)	Up to 220 °C		
Heating power (W)	390	120	
Guide depth (mm)	0 - 35		
Weld length (mm)	Unlimited		
Weld width (mm)	12		
Scrolling speed	10 m/min	5 - 13 m/min	
Operating mode	Continuous	Continuity, programming, history	
Connectivity		USB, RS232, Ethernet	
Printing on bag		Yes	
Standard EN 11607-2	Yes		
Barcode scanner			Option
Dim. (W x D x H) (mm)	555 x 260 x 145	560 x 255 x 145	710 x 260 x 220
Weight (kg)	12	15.5	20
Part no.	779017	950779	950780
€	N/A -	N/A -	N/A -



Tip
Find the accessories on Dutscher.com



Continuous motion heat sealers LEF

- Stainless steel and epoxy casing
- Automatic start-up cell
- Automatic shutdown in case of overheating (250 °C)
- Initiation of welding when the target temperature is reached
- Compliant with EN 868-5 & DIN 58953-7 standards
- IQ OQ PQ report available as an option

Heat sealers e-FLEX and e-PRINT

- Multifunction graphical menu
- USB and Ethernet connection for data recording
- Integrated digital maintenance and service logbook
- Self-test function for generating an ISO 11607-2 report



Model	TS 45 DN	TS 46 N	e-FLEX	TS 47 N	e-PRINT
Interface	Digital		Touchscreen	Digital	Touchscreen
Temperature (°C)	20-230 °C				
Temp. tolerance	0.02				
Heating power (W)	400 W max.				
Guide depth (mm)	Fix 30	0 - 30			
Weld length (mm)	Unlimited				
Weld width (mm)	15				
Scrolling speed	7.2 m/min	10 m/min			
Printing on bags	-	-	-	Yes	
Standard EN ISO 11607-2	Yes	Yes	Yes	Yes	Yes
Barcode scanner	-	-	Option	Yes	
Dimensions with guide (l x w x h) (mm)	350 x 260 x 140	439 x 244 x 162		555 x 265 x 178	
Weight (kg)	8	11	11	14	14
Part no.	096033	096949	097031	096947	097032
€	N/A -	N/A -	N/A -	N/A -	N/A -

Vacuum heat sealers

Automatic vacuum bag sealers

- Power: approx. 160 W
- Automatic air purge
- Welding wire and cutting wire
- Control window
- Vacuum and sealing functions with indicator light
- Supplied with a roll of sheets 28.5 cm wide
- Cord management

Part no.	Designation	Units/ box	€/ box
067236	160 W bag sealer	1	N/A -
067211B	10 m x 28.5 cm spool for bag sealer 067210B	3	N/A -



New products page

Prices are indicative and excluding tax. Visit Dutscher.com

Standards for spectrophotometry

- Available as a sealed cuvette or as a solution in a bottle
- NIST-connected certificate

Bandwidth standard

Control of the ratio between the peak value at 268.7 nm and the trough value at 266.8 nm. Complies with the European Pharmacopoeia.

Part no.	Designation	€
440689	Sealed UV cuvettes, bandwidth standard and Blank	N/A -
440690	Bandwidth standard solution 100 ml	N/A -
440691	Blank solution for bandwidth calibration 100 ml	N/A -

Absorbance / transmission and linearity standard in the UV (235, 257, 313, and 350 nm)

Control of absorbance measurement for different wavelengths in the UV (linearity of response). Complies with the European Pharmacopoeia.

Part no.	Designation	€
440694	Absorbance standard solution (0.005 M sulfuric acid) 100 ml	N/A -
440697	Absorbance standard solution (0.005M sulfuric acid) 100 ml	N/A -

Resolution standard for derivative spectrophotometry

Complies with the European Pharmacopoeia.

Part no.	Designation	€
440698	Sealed UV cuvettes, resolution standard and blank	N/A -
440699	Resolution standard solution	N/A -
440704	Blank solution (methanol) for resolution calibration	N/A -

Baseline standard

Stray light control.
Complies with the European Pharmacopoeia.

Part no.	Designation	€
440705	Sealed UV cuvettes, resolution standard and blank	N/A -
440706	Baseline standard solution	N/A -
440707	Blank solution (water) for baseline calibration	N/A -

Wavelength standard from 240 to 640 nm (certified for bandwidths of 0.1 nm, 0.2 nm, 0.5 nm, 1 nm and 2 nm)

Controls the absence of wavelength shift. Complies with the European Pharmacopoeia.

Part no.	Designation	€
440708	Sealed UV cuvette, Wavelength Standard from 240 to 640 nm	N/A -
440709	Wavelength standard solution from 240 to 640 nm - 12 x 5 ml	N/A -

UV5 Bio with tank spectrophotometer



UV/Visible spectrophotometer (190-1100 nm) for in-cell measurements

FastTrack technology:

- Optical fibres associated with a CCD strip detector and a pulsed xenon flash lamp
- Stable and ultra-fast measurements: spectral scanning in one second
- Intuitive control via a 7" touch screen
- 21 predefined methods including protein concentration, nucleic acid, Bradford, Lowry, OD 600 nm, or the ability to create custom methods
- Internal memory for 50 results, possibility of storing and transferring results to USB stick
- Compact, minimum space requirement
- Can be integrated into automated multiparameter systems and combined with METTLER TOLEDO analytical instruments (titrators, density meters, refractometers,...)
- Can be connected to a barcode reader for easy sample identification

Model	UV5 Bio
Wavelength range (nm)	190-1100
Minimum spectral analysis duration (s)	1
Interface/connectivity	USB port, port for USB peripherals (printer, barcode reader), Ethernet, RS232-C interface
Dimensions W x D x H (mm)	208 x 255 x 228
Weight (kg)	6.4
Measurement time / spectral analysis (seconds)	3.5 to 6
Interface, connectivity	HDMI, 2 x USB A, USB B, Ethernet, WIFI
Part no.	712952
€	N/A -

Accessories

Part no.	Designation	€
712954	Automatic 8-position changers for UV5 Bio	N/A -
712958	1-year warranty extension	N/A -

Implen C40 spectrophotometers

- Numerous applications available: nucleic acids, UV proteins, kinetics, spectral analyses, bacterial growth (600 nm)
- Thermostatted cuvette at 37 °C ± 0.5 °C
- Instantaneous measurement, no preheating required
- Control via Windows/MAC computer, tablet, and smartphone (Android, iOS); export files: Excel, PDF, or complete Implen file (graph + raw data + data from the program used)
- Available in a version with a touchscreen (compatible with glove usage); and in a portable version with touchscreen and battery kit (up to 8 hours of autonomy).
- Slot for securing anti-theft cable (Kensington)



Model	Control via computer, tablet or smartphone	With touch screen	With touch screen and battery
Wavelength range (mm)	200 - 900		
Double-stranded DNA concentration range (ng/µl)	0.1 to 130		
Concentration range BSA (mg/mL)	0.003 to 3.7		
Resolution	‹ 1,5 nm		
Reproducibility	‹ 0,002 A à 260 nm		
Measurement time/spectral analysis (seconds)	2.5		
Interface, connectivity	HDMI, 2 x USB A, USB B, Ethernet, WiFi		
L x W x H (excluding terminal) (mm)	200 x 200		
Weight with terminal (kg)	3	3.5	4.1
Part no.	499208	499209	499210
€	N/A -	N/A -	N/A -

OD600 photometer

- Absorbance measurement at 600 nm
- For monitoring bacterial growth and collecting at optimal viability
- Battery operation for over 8 hours
- Usable in the field, in GMP areas, etc...
- Compatible with all types of macro and semi-micro 10 mm cuvettes, tubes of 10, 12, 16, 18 mm, without adapter
- Can be used with Dilucell tanks for virtual 1/10th dilution
- Data export to USB in .xls and .csv formats
- LIMS integration via WiFi, LAN/Ethernet (PUSH API REST)

NEW

MADE IN EUROPE

WARRANTY 2 YEARS



Easy-to-clean surface

Wavelength (nm)	600
Bandwidth (mm)	18
Optical density range	0 to 4 A
Photometric precision	+/- 0.01A to 1A
Reproducibility	< ± 0.002 A to 1A
Optical path length (mm)	8.5
Screen	3.5" compatible gloves, 480 x 320 pixels
Memory	4 GB internal
Output	USB-A
Dimensions W x D x H (mm)	140 x 110 x 70
Weight (kg)	0.6
Part no.	499257
€	N/A -



Accessories

Part no.	Designation	€
499220	DILUCELL10 cuvettes, for 1/10 dilution, minimum sample volume 300 µl	N/A -
499260	1-year warranty extension for IMPLEN OD600	N/A -
499261	2-year warranty extension for IMPLEN OD600	N/A -
499262	QI/QO package for IMPLEN OD600 (Excel file on USB drive)	N/A -
499263	Calibration and certification of 2 neutral glass filters for OD600 photometer	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Secomam Prim Light and Prim Advanced spectrophotometers

AQUALABO



- 10 mm tank
- Internal software: absorbance, transmission, concentration, kinetics
- Spectrum scanning on ADVANCED model only
- Backlit display
- Compact and lightweight, simple and intuitive to use
- Common use in the laboratory or in teaching
- Power supply 115/230 V 50/60 Hz

Model	PRIM light	PRIM advanced
Spectral range	330- 900 nm	
Bandwidth	10 nm	
Accuracy	+/-1,5%	
Reproducibility	1 nm	
	Integrated software	
Absorbent	Yes	Yes
% transmission	Yes	Yes
Concentration	No	Yes
Kinetics	No	Yes
Scan	No	Yes
Part no.	047281	799002
€	N/A -	N/A -

Spectrophotometers Secomam Uviline 9300 and 9600



Reference beam for greater precision!

- System with acquisition speed twice as fast
- Larger colour display
- Guaranteed stray radiation < 1%
- Ambient light compensation
- Special mode: calculation according to free mathematical formulation and integration of additional variables

Model	Uviline 9300 Visible	Uviline 9600 UV/Visible
Wavelength range (nm)	320 - 1100	190 - 1100
Source	Halogen	Xenon
Bandwidth (nm)	4	
Resolution	Reading 0.1 - adjustment 1 nm	
Precision (nm)	1	
Absorbent	± 3500	
Dimensions (mm)	404 x 197 x 314	
Weight (kg)	4	
Supplied with	1 glass tank	1 quartz tank
Part no.	799212	799213
€	N/A -	N/A -

Spectrophotometers SP-200 and SP-250 Cole Parmer

Cole-Parmer
an antylia scientific company





- Visible mode and UV visible
- Bandwidth 8 nm
- Version with dome lid for tubes with a height up to 105 mm
- Modes: absorbance, %T, and concentration
- Multi-parameter screen displaying wavelength and photometric values

Model	SP-200 visible	SP-250 visible	SP-200 UV/visible
Range	300-1000 nm		198-1000nm
Resolution	1 nm		
Bandwidth	8 nm		8 nm (6 in EUV)
Z-height	› 15		
Accuracy	± 2 nm		
Absorbent	-0.3 to 1.999 A		
Accuracy	± 1% T		
Background noise	< 1%		< 0.001 A to 0 A to 4
Light source	Halogen Tungsten		Xenon
Outputs	Analogue and RS-232		
Dimension L x W x H (cm)	36.5 x 16 x 27.2	26.2 x 11.4 x 19.3	36.5 x 16 x 27.2
Part no.	919110	919111	919112
€	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
001856	Double holder tank 10 mm + tube ø 16 and 24 mm	N/A -
001652	Adjustable holder 10 to 100 mm	N/A -
001771	70 µl microcuvette holder	N/A -
798976	RS232 to USB converter cable	N/A -

Spectrophotometers UVISCO Series 1100/1200

- The UV-Visible and visible spectrophotometers 1200 and 1100 are ideal for standard sample solutions
- Single beam spectrophotometer
- Spectrophotometers are single beam with a wavelength range from 325 to 1000 nm for the V-1200, and from 200 to 1000 nm for the UV-1200/1100.
  - Visible range: 325-1000, UV range: 200 to 1000 nm
  - Bandwidth: 4 nm
- LCD display - resolution 128 x 64 pixels
- Manual transfer device 4 tanks 10 mm
- Large compartment: optical path length from 5 to 100 mm
- Silicon diode receiver

Model	V-1200	UV-1200
Wavelength range (nm)	325 to 1000	200 to 1000
Bandwidth	4 nm	
Wavelength precision	± 2 nm	
Reproducibility	0.8 nm	
Stability at 500 nm	± 0,002 A/h	
Absorbent	- 0.3 to 3.0 A	
Light source	Tungsten deuterium lamp	
Memory	50 data sets (calibration curves)	
Output	USB and parallel port (printer)	
Dimensions (mm)	472 x 370 x 180	
Weight (kg)	12	14
Part no.	019103	019102
€	N/A -	N/A -



Accessories*

Part no.	Designation	€
019124	Water tank holder - 1 position	N/A -
019125	Water tank holder - 4 positions	N/A -

* Other accessories available, please contact us.

Spectrophotometers UVISCO UV/Visible P/PV

- Single beam spectrophotometer
- 5" colour touchscreen control
- Bandwidth: 2 to 4 nm
- Photometry, quantitative, scan
- Optional M. Wave Basic software for data control and acquisition via PC
- 6 languages included, including French



Model	PV1	PV2	PV3	PV4	P1	P2	P3	P4
Range	320-1050 nm		320-1100 nm		195-1050 nm		190-1100 nm	
Bandwidth	4 nm	2 nm	4 nm	2 nm	4 nm	2 nm	4 nm	2 nm
Wavelength precision	± 0.8 nm		± 0.5 nm		± 0.8 nm		± 0.5 nm	
Reproducibility	± 0.4 nm		± 0.2 nm		± 0.4 nm		± 0.2 nm	
Scanning speed	/		4200 nm/min		/		4200 nm/min	
Memory	236KB							
Outputs	USB and printer port							
Screen	5" colour touchscreen							
Light source	Tungsten				Deuterium Tungsten			
Dimensions W x L x H (cm)	45.6 x 36 x 18.5				47 x 37 x 18			
Weight (kg)	10.50				10.70			
Part no.	185105	185106	185107	185109	185104	185111	185112	185114
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Part no. PC version	-	-	185108	185110	-	-	185113	185115
€	-	-	N/A -	N/A -	-	-	N/A -	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Spectrophotometers SP-300 and SP-350 Advanced



Model SP-350



Model SP-300

Dutscher.com

Resolution / Accuracy	1 nm ± 2 nm
Bandwidth	5 nm
Absorbance (A)	- 0.300 to 2.300 A
Transmittance (T)	0 to 199.9% T
Photometric precision	± 1%T, ± 0.005 A
Concentration (C)	- 300 to 9999
Z height (mm)	› 15
Variable resolution	1/0.1/0.01/0.001
Concentration calibration	White with standard or factor
Piloting	By graphical icons
PC software	Included
Outputs	Analogue, RS232, USB, internal printer
Dimensions L x W x D (mm)	275 x 350 x 200
Weight (kg)	6

Model SP-300

- Measurement modes for absorbance, transmittance, and concentration
- Visible version 320 to 1000 nm or UV/visible 198 to 1000 nm with 5 nm bandwidth
- Ideal for teaching and for general laboratory applications

SP-350 Advanced visible model

- Spectral scanning, kinetic, and quantification functions
- Wavelength from 320 to 1000 nm with a bandwidth of 5 nm
- Perfectly suited for routine analyses in fields as diverse as veterinary and pharmaceutical sciences

SP-350 Advanced Uv/visible model

- Photometry, spectral scanning, kinetics, concentration and quantification
- Applications particularly in the medical, environmental, or quality control fields

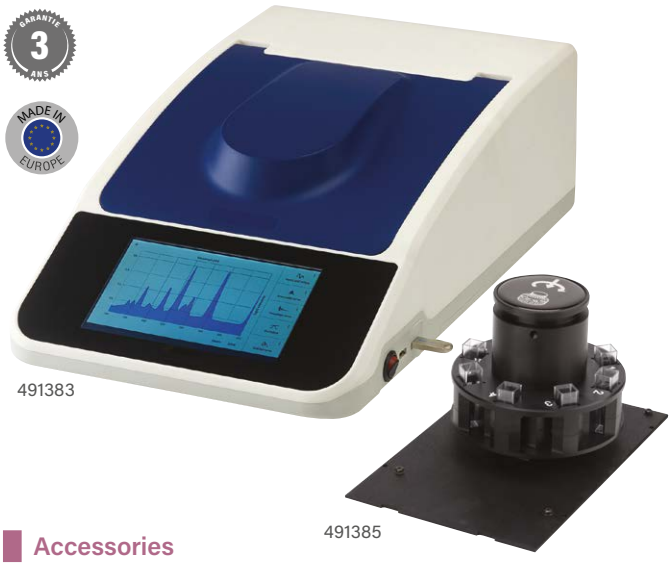
Models	SP-300 VIS	SP-300 UV/VIS	SP-350 advanced VIS	SP-350 advanced UV/VIS
Spectral range	320 to 1000 nm	198 to 1000 nm	320 to 1000 nm	198 to 1000 nm
Quantification calibration	-	-	White with up to 6 standards	White with up to 6 standards
Display in kinetics	-	-	Graph. + calculated concentration values	Graph. + calculated concentration values
Kinetic calibration	-	-	White with a standard or a factor	White with a standard or a factor
Measurement interval	-	-	1, 2 or 5 nm	1, 2 or 5 nm
Data backup	-	-	On USB drive	On USB drive
Nbr of saved methods	-	-	48 in each measurement mode	48 in each measurement mode
Security system	-	-	Yes	Yes
BPL	-	-	Time + date + user identification	Time + date + user identification
Optical system	Tungsten lamp	Xenon lamp	Tungsten lamp	Xenon lamp
Part no.	919113	919114	919115	919116
€	N/A -	N/A -	N/A -	N/A -

Options

Part no.	Designation	€
999695	Internal printer for Jenway spectrometer series 73 and 67	N/A -
001840	Printer paper 999695	N/A -

Comprehensive range of accessories: please contact us

Spectrophotometers SP-500 and SP600 Cole Parmer



491383

491385

- Single beam spectrophotometer
- Education and routine quality control
- 7" colour touchscreen
- Intuitive interface
- Standard programmes
- Calculation of concentration
- Quantification (up to 20 standards)
- Spectrum scanning (intervals 1, 2, 5 or 10 nm)
- Kinetics
- Multi-wavelength (up to 4)
- Wide range of easily interchangeable accessories

Models	SP-500 VIS	SP-500 UV/VIS	SP-600
Wavelength range	320 to 1000 nm	198 to 1000 nm	
Bandwidth	5 nm		1.5 nm
Wavelength precision	± 2 nm		
Reproducibility	± 1 nm		± 0.5 nm
Absorbent	-0.3 to 2.5 A		
Absorbance precision	+/- 0.01 to 1 A		
Detector	Silicon photodiode		
Lamp	Tungsten	Xenon	
Internal memory	10 GB		
Z height (mm)	› 15		
Outputs	2 USB type 1, 1 USB type B RJ45		
Dimensions (mm)	280 x 500 x 156		
Weight	9 kg		
Tank door	1 tank 10 x 10 mm		
Part no.	919122	919123	919125
€	N/A -	N/A -	N/A -

Accessories

Part no.	Designation	€
002112	External printer (battery and power cords UK, EU, US)	N/A -
001652	Adjustable long curve support 10 to 100 mm	N/A -
001771	Support microtubes with reduced opening	N/A -
001856	Test tube/cuvette rack	N/A -
491385	8-vessel automatic transfer system	N/A -

Cole-Parmer SP-400 spectrophotometers

- Diode array technology
- Spectral scanning
- Touchscreen navigation, display of standard curves, spectrum scans, and kinetics on the screen with the ability to zoom in on the area of interest
- 2 USB ports allowing data storage and connection to the printer (optional)
- External tank support for 9 vessels
- Large range of accessories available
- Supplied with a 10 x 10 mm tank holder
- The 7205 version allows measurements in the UV range

Model	7200	7205
Range	335 to 800 nm	198 to 800 nm
Accuracy / repeatability	± 2 nm / ± 2 nm	
Bandwidth	7 nm	5 nm
Absorbent	- 0.300 to 2.500 A	
Accuracy	± 0.01 A to 1.0 A	
Stability	± 0.005 A/h and 546 nm	
Background noise	± 0.002 A to 0.04 A and ±0.02 A to 2.0 A and 546 nm	
Stray light	< 1 % T	
Z-height	15 mm	
Light source	Tungsten halogen lamp	Xenon lamp
Memory	According to the mass storage medium	
Outputs	2 x USB	
Dim. (W x L x H) (mm)	212 x 422 x 120	
Weight (kg)	2.8	
Part no.	919119	919120
€	N/A -	N/A -

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Accessories

Part no.	Designation	€
999614	Thermostated tank holder 10 x 10 mm	N/A -
001652	Long-path tank holder from 10 to 100 mm	N/A -
001771	Microtank holder with reduced opening	N/A -
001856	Tube holder (compatible with 10 x 10 mm tanks and Ø 16 and 24 mm tubes)	N/A -
002112	External printer	N/A -

Spectrophotometer SP-400 Bio UV/VISIBLE diode array

- Single-beam UV/visible spectrophotometer
- Diode array technology
- Touchscreen navigation
- External tank support for 9 tanks
- 2 USB ports
- Support for 10 x 10 mm tank or TrayCell for micro volume
- Warranty: 2 years (xenon lamp included) (3 years for model 919121)

Applications included

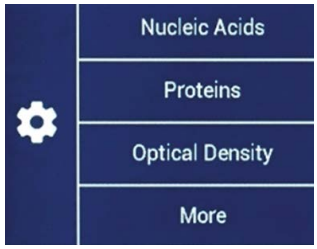
- Nucleic acids: DNA database, DNA sequence bank, RNA and oligonucleotides: *concentration, purity (260/280 nm and 260/230 nm), optional correction at 320 nm, spectral scanning*
- Proteins:
  Direct UV at 280nm and Warburg-Christian
  Protein assays (Bradford, Biuret, Lowry, BCA)
- Optical density:
  reading at 600 nm
  conversion factor to cells/ml

Range	198 to 800 nm
Accuracy // repeatability	± 2 nm // ± 2 nm
Bandwidth	3 nm
Absorbent	0.3 to 2.5 A
Accuracy	± 0.01 A at 1.0 A and 546 nm
Stray light	< 1 %T
Z-height	15 mm
Light source	Xenon lamp
Memory	USB key (not provided)
Outputs	2 USB
Dim W x L x H (mm)	212 x 422 x 120
Weight (kg)	2.8
Part no.	919121
€	N/A -
Part no. TrayCell*	999630
€	N/A -

* TrayCell tank with cap for optical path lengths of 1 mm and 0.2 mm.







Accessories

Part no.	Designation	€
999631	Support for Eppendorf tank	N/A -
999635	Protective cover	N/A -
002112	External printer	N/A -
001840	Printer paper	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Uvisco 1600/1800 spectrophotometers



- Single beam spectrophotometer
- Bandwidth: 2 to 4 nm
- Photometry, quantitative, kinetics
- M. Wave Basic software included for data acquisition via PC

Additional functions on PC-driven versions:

+ Quantitative: curves up to 20 standards, linear and quadratic function
+ Spectrum scanning: automatic recording of peaks and troughs
+ Multi-wavelength: up to 20 wavelengths on the sample
+ DNA/Protein ratio, DNA concentration

Models	V1600	V1800	UV1600	UV1800
Range	320-1100 nm		200 to 1000 nm	
Bandwidth	4 nm	2 nm	4 nm	2 nm
Wavelength precision	± 0.5 nm			
Reproducibility	0.3 nm			
Stability at 500nm	± 0,002 A/h			
Memory	200 data sets and 100 curves			
Outputs	USB and printer port			
Screen	LCD 128x64 pixels			
Light source	Tungsten		Deuterium Tungsten	
Dimensions W x L x H (cm)	47 x 37 x 18 cm			
Weight (kg)	12		14	
Part no.	019105	019109	019104	019108
€	N/A -	N/A -	N/A -	N/A -
Part no. version PC	019107	019111	019106	019110
€	N/A -	N/A -	N/A -	N/A -

Genesys 30 Single-beam spectrophotometer

thermo scientific



- For routine applications
- Applications: photometry, spectrum, quantification
- Single beam spectrophotometer with LO
- Tungsten halogen lamp
- 32-bit colour display, 800x480 pixels
- 23-key touch-sensitive keyboard
- Standard single tank rack
- Other optional holders - tank of 100 mm of optical path length max.A136
- Autonomous guidance or optional VISIONlite 5 software

Spectral range and LO precision	325 to 1100 nm with ± 2 nm
Bandwidth	5 nm
Measurement range and precision	-3 to 3 A with ± 0.5% Abs
Stray light	< 0.1%T at 340 nm
Dimensions (L x W x H) (mm)	355 x 385 x 195
Weight (kg)	7.5

Part no.	Designation	€
228740	Genesys 30 spectrophotometer	N/A -
228742	Thermal printer for Genesys 30	N/A -
228741	Test tube rack	N/A -
228744	VISIONlite 5 software	N/A -

Double-beam spectrophotometer with variable bandwidth SP-800

Cole-Parmer
an antylia scientific company

Double-beam spectrophotometer featuring a variable bandwidth for optimising analyses and controls in research, method development, quality control, as well as for any type of routine analyses requiring high measurement precision and repeatability.

- Simultaneous measurement of the reference and the sample
- Variable bandwidth 0.5/1/2/4 and 5 nm
- In accordance with the European Pharmacopoeia
- Display on internal screen or via PRISM Windows software
- Wide range of easy-to-install accessories

Spectral range	190 to 1100 nm
Wavelength precision	± 0.3 nm
Wavelength reproducibility	± 0.2 nm
Bandwidth	0.5 - 1 - 2 - 4 and 5 nm
Stray light	‹ 0.05% (220 nm and 340 nm)
Light source	W + D2
Switching range of UV and visible lamp	325 to 370 nm
Operating procedures	Photometry and multi-wavelength, spectrum, kinetics, quantification, DNA/RNA, proteins
Photometry range	- 0.3 to 3,000 A
Photometric precision / reproducibility	± 0.002 A / ± 0.001 A
Baseline stability	± 0.001 A/h
Background noise	0.0005A
Scanning speed	100 to 2000 nm/min
Detectors	Silicon photodiode
Output	RS232 and USB
Dimensions (L x W x H) / Weight	600 x 450 x 200 mm / 22 kg
Part no.	919128
€	**N/A -**



Accessories

Part no.	Designation	€
798939	Optical path tank holder 10 x 10 mm	**N/A -**
798940	Heated tank holder 10 x 10 mm	**N/A -**
798941	Adjustable optical path length tank holder from 10 to 100 mm	**N/A -**
798943	Automatic transporter 8 tanks	**N/A -**

Supplied complete with:
+ standard 685 204support
+ Windows software PRISM
+ USB connection cable, 2 quartz cuvettes,
+ 4 glass vessels and protective cover.

Spectrophotometer ULTROSPEC 7500 UV-VISIBLE Biochrom

biochrom

- Split beam technology
- Intuitive touch screen
- Supplied with an automated 8-position transfer device
- Methods for DNA, RNA quantification and control and nucleotides
- 6 standard languages including French

Range	190-1000 nm
Resolution	1 nm
Bandwidth	< 2 nm
Accuracy	±1 nm
Reproducibility	±0.5 nm
Light source	Xenon lamp
Detector	2 silicon photodiodes
Absorbance range	3.000 to 3.000 A, 0.1 to 100,000% T
Reproducibility	±0.5 % to 3.000 A at 546 nm
Stability	±0.001 A/h at 340 nm for 0 A
Outputs	USB
Dimension L x W x H (cm)	51 × 35 × 16
Weight (kg)	13
Part no.	80-2140-60
€	**N/A -**



Accessories

Part no.	Designation	€
80-2140-62	Printer	**N/A -**
80-7100-33	Software CFR part 11	**N/A -**
80-2119-89	Documentation IQ/OQ	**N/A -**
80-2119-90	Documentation QP	**N/A -**
80-2106-07	Tank holder 10-50 mm	**N/A -**
80-2107-14	Tank holder 100 mm	**N/A -**
80-2119-91	Thermostatable 8-position sampler	**N/A -**

Prices are indicative and excluding tax. Visit Dutscher.com

Spectrophotometers Genesys 40 and 50



- Split Beam technology
- Bandwidth 5/2 nm
- 7" touch interface
- Large sample compartment with top access for a tank up to 100 mm maximum
- Wide range of accessories
- Compatible test tubes, 25 mm diameter, 150 mm height
- Software dedicated to agri-food analysis

The optional VISIONlite software enables full control from a computer, offering applications for:

+ Scan
+ Quantitative analysis
+ Kinetics
+ Fixed wavelength measurements

Model	Genesys 40	Genesys 50
Range	325–1100 nm	190–1100 nm
Bandwidth	5 nm	2 nm
Accuracy	± 0.5 nm	
Repeatability	< ± 0.2 nm	
Light source	Tungsten Halogen	Xenon lamp
Detector	2 silicon photodiodes	
Absorbance range	-3 to 3.5 A	-3 to 3.5 A
Repeatability	±0.001 A to 1 A	
Z height (mm)	8.5	
Outputs	USB/Ethernet/Wi-Fi	
Dimension L x W x H (cm)	35.5 × 38.5 × 19.5	
Weight (kg)	7.5	
Part no.	228893	228894
€	N/A -	N/A -

Accessories for Genesys 40 and 50

Part no.	Designation	€
228741	Support for tube 12 to 25 mm	N/A -
229004	Test tube cap	N/A -
229005	Rectangular holder for long path length tank	N/A -
229006	Rectangular holder for TO 5-100 mm	N/A -

Common Genesys accessories

Part no.	Designation	€
229044	VISIONlite 5.4 software with connection cable	N/A -
229049	VISIONlite ColorCalc 5.6 software	N/A -
229273	VISIONlite EnzLab software	N/A -
229272	VISIONlite Wine and Juice Analysis software	N/A -
229274	BeerCraft™ software for Genesys 50 and 150	N/A -
229012	Tungsten-Halogen lamp pre-aligned for Genesys 40 and 140	N/A -
229020	Xenon Lamp pre-aligned for Genesys 50 and 150	N/A -
229042	Wi-Fi adapter	N/A -
228742	Thermal printer	N/A -

Spectrophotometers Genesys 140 and 150



- Split Beam technology
- Bandwidth 5/2 nm
- 7" tilting touch interface
- Compatible with suction system, Peltier, optical fiber probe
- Software dedicated to agri-food analysis
- Optical fibre kit available for Genesys 150

The optional VISIONlite software enables full control from a computer, offering applications for:

+ Scan
+ Quantitative analysis
+ Kinetics
+ Fixed wavelength measurements

Model	Genesys 140	Genesys 150
Range	325–1100 nm	190–1100 nm
Bandwidth	5 nm	2 nm
Accuracy	±0.5 nm	
Repeatability	<± 0.2 nm	
Z height (mm)	8.5	
Light source	Tungsten Halogen	Xenon lamp
Detector	2 silicon photodiodes	
Absorbance range	-3 to 3.5 A	-3 to 3.5 A
Repeatability	±0.001 A to 1 A	
Outputs	USB/Ethernet/Wi-Fi	
Dimension L x W x H (cm)	35.5 × 38.5 × 19.5	
Weight (kg)	7.5	
Part no.	228890	228891
€	N/A -	N/A -

Accessories for Genesys 140 and 150

Part no.	Designation	€
228984	Holder for 10 mm tank	N/A -
229013	Holder for tank 10 to 100 mm	N/A -
229025	Carousel 4 positions tanks 10 mm	N/A -
229024	Carousel 8 positions tanks 10 mm	N/A -
229275	Single thermostatic cell holder	N/A -
229276	Suction system	N/A -
229030	Optical fibre kit for Genesys 150	N/A -

Common Genesys accessories

Part no.	Designation	€
229044	VISIONlite 5.4 software with connection cable	N/A -
229049	VISIONlite ColorCalc 5.6 software	N/A -
229273	VISIONlite EnzLab software	N/A -
229272	VISIONlite Wine and Juice Analysis software	N/A -
229274	BeerCraft™ software for Genesys 50 and 150	N/A -
229012	Tungsten-Halogen lamp pre-aligned for Genesys 40 and 140	N/A -
229020	Xenon Lamp pre-aligned for Genesys 50 and 150	N/A -
229042	Wi-Fi adapter	N/A -
228742	Thermal printer	N/A -

Double beam spectrophotometers Jasco V-730 UV/Visible

- Compact and efficient double beam spectrophotometers
- Compliant with the recommendations of the European, American, and Japanese pharmacopoeias
- Easy to use:
  - IQ Accessory function: automatic accessory recognition system,
  - IQ Start function: quick start button, ideal for routine analyses
- 2 interfaces available:
  - V-730IRM: Colour LCD touch control screen
  - V-730ST and V-730CFR: PC control with JASCO Spectra Manager II or Spectra Manager CFR spectroscopy software
- Wide range of accessories covering a vast array of applications (please consult with us)



185010

Tank holder: 1 cell

	Models	Part no.	€
Tank up to 10 cm	LSE-701	185011	N/A -
Thermostat + magnetic stirring	STR-773	185012	N/A -
Peltier effect water 0 - 100 °C (sample) + magnetic stirring	ETCS-761	185015	N/A -
Peltier effect water 0 - 100 °C (sample and Part no.) + magnetic stirring	ETCR-762	185016	N/A -

Transferrers 6 cells

	Models	Part no.	€
Manual	SSE-704	185017	N/A -
Automatic	NCP-705	185018	N/A -
Automatic thermostat (water)	NCP-706	185019	N/A -
Automatic thermostat (air) 15 - 60 °C + magnetic stirring	PSC-763	185020	N/A -

Wavelength range	190 to 1100 nm		
Bandwidth	1.0 nm		
Wavelength precision	+/- 0,2 nm		
Reproducibility	+/- 0,1 nm		
Stability	0.0004 A/h		
Lamp	Halogen and deuterium		
Receiver	Silicon photodiode		
Standard programs	Spectral scanning (10 to 8000 nm/min)		
	Absorbance (-3.0 to 3.0 A)		
	Transmittance (%T)		
	Concentration		
	Kinetics		
Dimensions (mm)	441 x 468 x 216		
Weight (kg)	15		
Tank door (mm)	10 x 10		
Software	Spectra Manager II	Spectra Manager CFR	IRM touch screen
Part no.	185008	185009	185010
€	N/A -	N/A -	N/A -

FT/IR-4X spectrophotometers

- Applications: routine infrared analysis, teaching, and synthesis laboratories, as well as quality control in the industry or pharmacy.
- High-quality optical bench with anti-vibration device
- Sample compartment centre focus
- Auto-alignment and double cube-corner interferometer
- Maintenance-free and purgeable optics
- Peltier igh sensitivity DLaTGS detector
- The large sample compartment is designed to accommodate numerous accessories, including diamond, germanium, or ZnSe ATRs, as well as specular reflection and diffuse reflection accessories.

30% reduction in electricity consumption compared to standard models!



Measuring range	7800 à 350 cm-1	
Max resolution	0.4 cm-1	
Accuracy	0.0005 cm-1	
Sample chamber dimension L x W x H (mm)	200 x 186 x 153	
Source	High-intensity ceramic	
Detector	DLATGS (with temperature control)	
Communication	USB 2.0	
Dimensions (mm)	386 x 479 x 254	
Weight (kg)	18	
Software	Spectra Manager	Spectra Manager CFR
Part no.	185172	185173
€	N/A -	N/A -

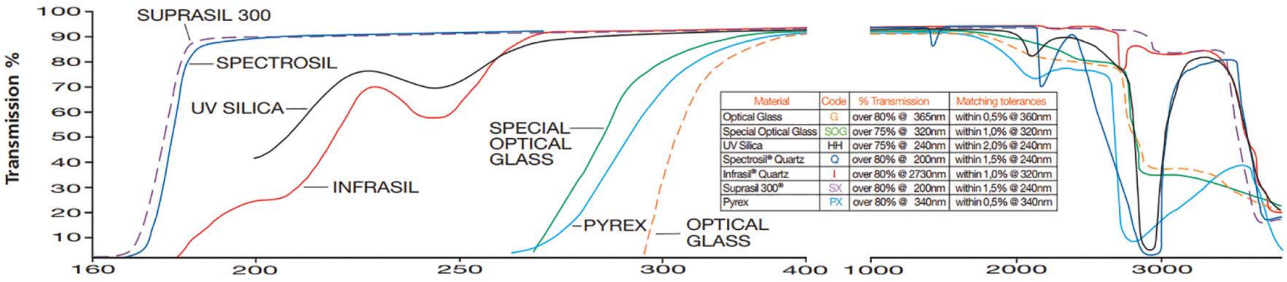
Tip

For a comprehensive configuration, please contact us!

Prices are indicative and excluding tax. Visit Dutscher.com

Cuvettes for spectrophotometry

Window material transmission properties



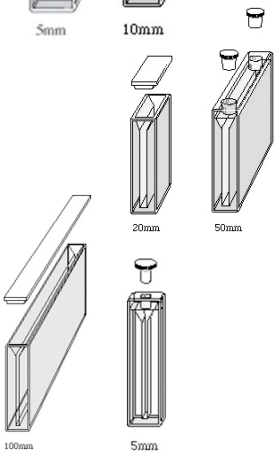
Material	Code	% Transmission	Matching tolerances
Optical Glass	G	over 80% @ 365nm	within 0,5% @ 360nm
Special Optical Glass	SOG	over 75% @ 320nm	within 1,0% @ 320nm
UV Silica	HH	over 75% @ 240nm	within 2,0% @ 240nm
Spectrosil® Quartz	Q	over 80% @ 200nm	within 1,5% @ 240nm
Infrasil® Quartz	I	over 80% @ 2730nm	within 1,0% @ 320nm
Suprasil 300®	SX	over 80% @ 200nm	within 1,5% @ 240nm
Pyrex	PX	over 80% @ 340nm	within 0,5% @ 340nm

STARNA tank materials	Wavelength (nm)
OG = OPTICAL GLASS	334 to 2500 nm
OS = SPECIAL OPTICAL GLASS	320 to 2500 nm
QS = SPECTROSIL QUARTZ	190 to 2700 nm
I = INFRASIL QUARTZ	220 to 3800 nm

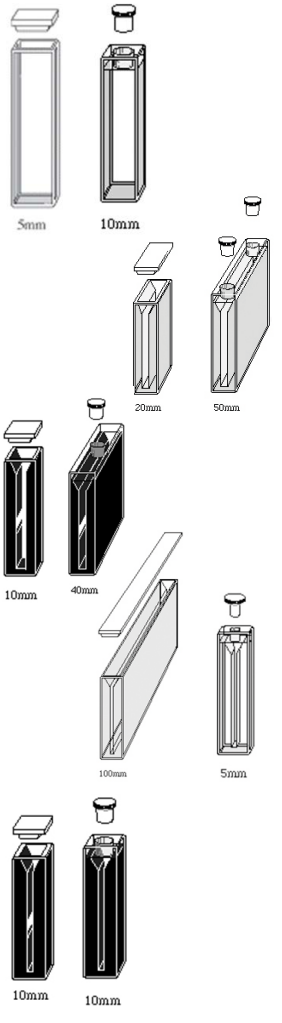
Spectrometry tank with 2 polished windows



Optical path (mm)	Ext. l x w (mm)	H. with lid/ with cap (mm)	Int. l x w (mm)	Vol. (ml)	Polished window	OG Part no. with cov. PTFE	OG €	OG Part no. with PTFE cap	OG €	OS Part no. with cov. PTFE	OS €	OS Part no. with PTFE cap	OS €
Standard tanks													
1	12.5 x 3.5	45/55	10 x 1	0.4	2	244626	N/A -	244578	N/A -	244564	N/A -	244559	N/A -
2	12.5 x 4.5	45/55	10 x 2	0.7	2	244627	N/A -	244579	N/A -	244561	N/A -	244586	N/A -
5	12.5 x 7.5	45/48	10 x 5	1.7	2	244628	N/A -	244580	N/A -	244570	N/A -	244534	N/A -
10	12.5 x 12.5	45/48	10 x 10	3.5	2	244522	N/A -	244581	N/A -	244614	N/A -	244531	N/A -
20	12.5 x 22.5	45/48	10 x 20	7	2	244624	N/A -	244582	N/A -	244633	N/A -	244587	N/A -
40	12.5 x 42.5	45/48	10 x 40	14	2	244557	N/A -	244583	N/A -	244563	N/A -	244588	N/A -
50	12.5 x 52.5	45/48	10 x 50	17.5	2	244554	N/A -	244584	N/A -	244542	N/A -	244555	N/A -
100	12.5 x 102.5	45/48	10 x 100	35	2	244632	N/A -	244585	N/A -	244634	N/A -	244589	N/A -
Semi-micro cuvettes													
5	12.5 x 7.5	45/48	4 x 5	0.7	2	-	-	-	-	-	-	244637	N/A -
10	12.5 x 12.5	45/48	4 x 10	1.4	2	-	-	-	-	244543	N/A -	244560	N/A -
Micro cuvettes													
5	12.5 x 7.5	45/48	2 x 5	0.35	2	-	-	-	-	244635	N/A -	-	-
10	12.5 x 12.5	45/48	2 x 10	0.7	2	-	-	-	-	244636	N/A -	-	-

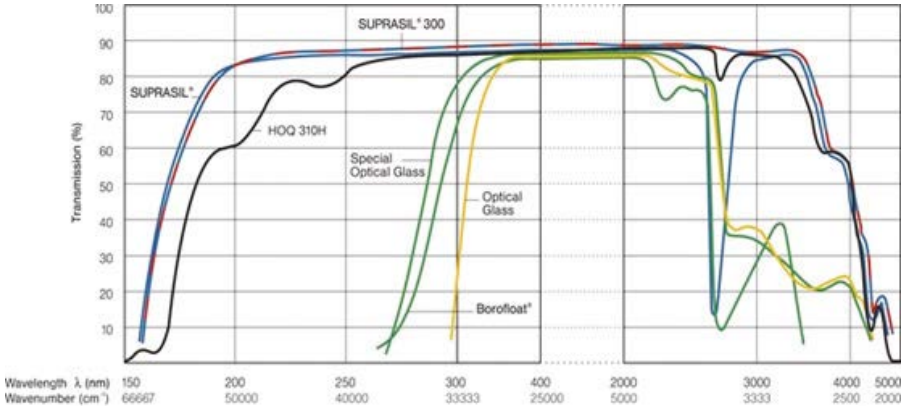


Optical path (mm)	Ext. l x w (mm)	H. with lid / with cap (mm)	Int. l x w (mm)	Vol. (ml)	Polished window	QS Part no. with cov. PTFE	QS €	QS Part no. with PTFE cap	QS €	I Part no. with cov. PTFE	I €	I Part no. with PTFE cap	I €
Standard tanks													
1	12.5 x 3.5	45/55	10 x 1	0.4	2	244628	N/A -	244582	N/A -	244656	N/A -	244564	N/A -
2	12.5 x 4.5	45/55	10 x 2	0.7	2	244629	N/A -	244579	N/A -	244658	N/A -	244595	N/A -
5	12.5 x 7.5	45/48	10 x 5	1.7	2	244556	N/A -	244580	N/A -	244657	N/A -	244596	N/A -
10	12.5 x 12.5	45/48	10 x 10	3.5	2	-	-	244518	N/A -	244658	N/A -	244527	N/A -
20	12.5 x 22.5	45/48	10 x 20	7	2	244625	N/A -	244591	N/A -	244659	N/A -	244598	N/A -
40	12.5 x 42.5	45/48	10 x 40	14	2	244638	N/A -	244592	N/A -	244660	N/A -	244599	N/A -
50	12.5 x 52.5	45/48	10 x 50	17.5	2	244553	N/A -	244593	N/A -	244661	N/A -	244600	N/A -
100	12.5 x 102.5	45/48	10 x 100	35	2	244567	N/A -	244568	N/A -	244662	N/A -	244601	N/A -
Semi-micro cuvettes													
10	12.5 x 12.5	45/48	4 x 10	1.4	2	244517	N/A -	244535	N/A -	244664	N/A -	244709	N/A -
40	12.5 x 42.5	45/48	4 x 40	5.6	2	244641	N/A -	244685	N/A -	244666	N/A -	244702	N/A -
100	12.5 x 102.5	45/48	4 x 100	14	2	244642	N/A -		-		-		-
Black semi-micro tanks													
5	12.5 x 7.5	45/48	4 x 5	0.7	2	244643	N/A -	244685	N/A -	-	-	-	-
10	12.5 x 12.5	45/48	4 x 10	1.4	2	244527	N/A -	244529	N/A -	244668	N/A -	244704	N/A -
20	12.5 x 22.5	45/48	4 x 20	1.16	2	244644	N/A -	244686	N/A -	-	-	-	-
40	12.5 x 42.5	45/48	4 x 40	2.8	2	244645	N/A -	244687	N/A -	-	-	-	-
50	12.5 x 52.5	45/48	4 x 50	5.6	2	244646	N/A -	244688	N/A -	-	-	-	-
Micro cuvettes													
5	12.5 x 7.5	45/48	2 x 5	0.35	2	244647	N/A -	244689	N/A -	244669	N/A -	244705	N/A -
10	12.5 x 12.5	45/48	2 x 10	0.7	2	244526	N/A -	244579	N/A -	244670	N/A -	244706	N/A -
10	12.5 x 12.5	45/48	2 x 10	0.58	2	244530	N/A -	244690	N/A -	244671	N/A -	244707	N/A -
20	12.5 x 22.5	45/48	2 x 20	1.4	2	244648	N/A -	244691	N/A -	244672	N/A -	244708	N/A -
40	12.5 x 42.5	45/48	2 x 40	2.8	2	244649	N/A -	244692	N/A -	244673	N/A -	244709	N/A -
50	12.5 x 52.5	45/48	2 x 50	3.5	2	244650	N/A -	244693	N/A -	244674	N/A -	244710	N/A -
Black micro tanks													
5	12.5 x 7.5	45/48	2 x 5	0.35	2	244651	N/A -	244694	N/A -	244675	N/A -	244711	N/A -
10	12.5 x 12.5	45/48	2 x 10	0.7	2	244578	N/A -	244533	N/A -	244676	N/A -	244712	N/A -
20	12.5 x 22.5	45/48	2 x 20	0.58	2	244549	N/A -	244695	N/A -	244677	N/A -	244713	N/A -
40	12.5 x 42.5	45/48	2 x 40	1.4	2	244652	N/A -	244696	N/A -	244678	N/A -	244714	N/A -
50	12.5 x 52.5	45/48	2 x 50	2.8	2	244653	N/A -	244697	N/A -	244679	N/A -	244715	N/A -
100	12.5 x 102.5	45/48	2 x 100	3.5	2	244654	N/A -	244698	N/A -	244680	N/A -	244716	N/A -



Hellma Cuvettes for absorption spectroscopy

- Cuvettes with 2 windows, with or without PTFE lid
- Macro, Semi Macro, Micro and Ultra micro cuvettes depending on volume
- Window materials to be selected according to wavelength: optical glass (OG), special optical glass (OS), quartz Suprasil® (QS), quartz Suprasil® 300 (QX)





Window materials and colour codes	Wavelength
Optical glass OG	360 nm – 2500 nm
Special optical glass OS	320 nm – 2500 nm
SUPRASIL® quartz QS	200 nm – 2500 nm
Quartz SUPRASIL® 300 QX	200 nm – 3500 nm

						Glass		SUPRASIL® QS quartz		Quartz SUPRASIL® 300 QX	
Hellma model	Route optical (mm)	Vol. (ml)	H x W x L ext. (mm)	W int. (mm)	Base/ bottom thickness (mm)	Part no.	€ The cuvette	Part no.	€ The cuvette	Part no.	€ The cuvette
Standard cuvettes without lid											
6030	10	3.5	45 x 12.5 x 12.5	9.5	1.5	139065A	N/A -	139066A	N/A -	-	-
6030	20	7	45 x 12.5 x 22.5	9.5	1.5	139073A	N/A -	-	-	-	-
6030	40	14	45 x 12.5 x 42.5	9.5	1.5	139063A	N/A -	-	-	-	-
High precision cuvettes with PTFE lid											
100	1	0.35	45 x 12.5 x 3.5	9.5	1.5	-	-	139072A	N/A -	139143	N/A -
100	2	0.7	45 x 12.5 x 4.5	9.5	1.5	-	-	139101A	N/A -	139110	N/A -
100	5	1.75	45 x 12.5 x 7.5	9.5	1.5	-	-	139148	N/A -	656264	N/A -
100	10	3.5	45 x 12.5 x 12.5	9.5	1.5	-	-	139001A	N/A -	139141	N/A -
100	20	7	45 x 12.5 x 22.5	9.5	1.5	-	-	139144	N/A -	-	-
100	40	14	45 x 12.5 x 42.5	9.5	1.5	-	-	139146	N/A -	-	-
100	50	17.5	45 x 12.5 x 52.5	9.5	1.5	-	-	139108A	N/A -	656207	N/A -
100	100	35	45 x 12.5 x 102.5	9.5	1.5	-	-	139105	N/A -	656208	N/A -
High precision cuvettes with PTFE cap											
110	1	0.35	52 x 12.5 x 3.5	9.5	1.5	-	-	139079A	N/A -	656269	N/A -
110	2	0.7	52 x 12.5 x 4.5	9.5	1.5	-	-	139080A	N/A -	-	-
110	5	1.75	46 x 12.5 x 7.5	9.5	1.5	-	-	139166	N/A -	-	-
110	10	3.5	46 x 12.5 x 12.5	9.5	1.5	-	-	139016A	N/A -	139161	N/A -
110	20	7	46 x 12.5 x 22.5	9.5	1.5	-	-	139163	N/A -	-	-
110	50	17.5	46 x 12.5 x 52.5	9.5	1.5	-	-	-	-	-	-
Semi-micro cuvettes											
104	5	0.7	45 x 12.5 x 7.5	4	3.2	-	-	139151	N/A -	-	-
104	10	1.4	45 x 12.5 x 12.5	4	3.2	-	-	139004A	N/A -	-	-
104	50	7	45 x 12.5 x 52.5	4	3.2	-	-	139150	N/A -	-	-
104B	10	1.4	45 x 12.5 x 12.5	4	3.2	-	-	139010A	N/A -	-	-
108	10	1	45 x 12.5 x 12.5	4	9	-	-	139034A	N/A -	-	-
114	10	1.4	46 x 12.5 x 12.5	4	3.2	-	-	139018A	N/A -	-	-
114B	10	1.4	46 x 12.5 x 12.5	4	Black walls / 3.2	-	-	139020A	N/A -	-	-
Micro cuvettes											
104.002	10	0.7	45 x 12.5 x 12.5	2	3.2	-	-	139006A	N/A -	-	-
104,002B	10	0.7	45 x 12.5 x 12.5	2	Black walls / 3.2	-	-	139008A	N/A -	-	-
105	10	0.3	25 x 12.5 x 12.5	2	1.5	-	-	139011A	N/A -	-	-
108.002	10	0.5	45 x 12.5 x 12.5	2	9	-	-	139035A	N/A -	-	-
108,002B	10	0.5	45 x 12.5 x 12.5	2	Black walls / 9	-	-	139061A	N/A -	-	-
115	10	0.4	40 x 12.5 x 12.5	2	1.25	-	-	139021A	N/A -	-	-
115B	10	0.4	40 x 12.5 x 12.5	2	Black walls / 1.25	-	-	139022A	N/A -	-	-


139073A


139000A 139001A 139141


139015A 139016A 139161


139003A 139004A


139005A 139008A 139011A

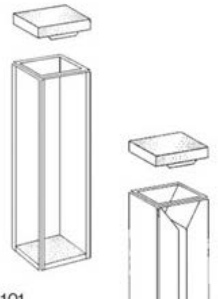
Spacer for 1,2 and 5 mm cells

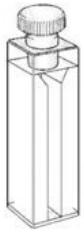
Part no.	Designation	€
139076	9 mm spacer for 1 mm cell	N/A -
139077	8 mm spacer for 2 mm cell	N/A -
139078	5 mm spacer for 5 mm cell	N/A -


139018A 139020A 139035A 139021A

Prices are indicative and excluding tax. Visit Dutscher.com

Hellma spectrophotometer cuvettes (continued)





Model Hellma	Optical path	Volume (ml)	H ext. x l ext. X int. window (mm)	Number of windows	Base/ bottom thickness (mm)	OS glass Part no.	OS glass €/ box	Quartz QS Part no.	Quartz QS €/ box
High precision fluorescence cuvettes - Volume 1 to 3.5 ml - High precision quartz QS quality - External dimensions 45 x 12.5 x 12.5 mm. Models 101 and 104F: macro and semi-micro cuvettes with PTFE cover, 4 windows - Model 114F: semi-micro cuvettes with PTFE stopper, 4 windows.									
101	10 x 10 mm	3.5	45 x 12.5 x 10	4	-	-	-	139024	N/A -
114F	10 x 4 mm	1.4	46 x 12.5 x 4	4	1.25	-	-	139030	N/A -
108.002F	10 x 2 mm	0.5	45 x 12.5 x 2	4	9	-	-	139032	N/A -

Model Hellma	Optical path	Sample volume/ Total volume (µl)	hext. (mm)	Window (mm)	Z = 8,5 Part no.	Z = 8,5 €/ The cuvette	Z = 15 Part no.	Z = 15 €/ The cuvette
QS tanks high-precision ultra-micro - QS quality quartz high-precision - External dimensions 45 x 12.5 x 12.5 mm.								
105.201QS	10 mm	100 / 120	45	5 x 2	139055	N/A -	139037	N/A -
105.202QS	10 mm	50 / 70	45	2.5 x 2	139041	N/A -	139036	N/A -
105.210QS10	10 mm	5 / 10	40	ø 8	139040	N/A -	139064	N/A -



Hellmanex cleaning solution



Helma cleaning solution for cleaning spectroscopy cuvettes. Use diluted to 10%.

Part no.	For photometers	€
139057	Hellmanex cleaning solution - 1 litre	N/A -

Disposable cuvettes for high precision spectrophotometers



High quality cuvettes for all spectrophotometers, in polystyrene or acrylic.
Polystyrene (PS) allows 75% to 80% transmission of light energy from 780 nm to 380 nm, 70% at 340 nm.
Acrylic (AC) is UV transmissive and allows 50% of light energy to be transmitted up to 280 nm.

Part no.	Material	Volume (ml)	Transp. walls	Skirt	Units/ tray	Units/ box	€/ box
064005	PS	1	4	Yes	100	500	N/A -
064006	CA	1	4	Yes	100	500	N/A -

Single-use spectrophotometer cuvettes ClearLine®

ClearLine®



Single-use cuvettes, in two types of materials:
+ polystyrene (PS): wavelength 340 to 900 nm ;
+ PMMA: wavelength 300 to 900 nm.

Our Selection

- Optical path: 10 mm
- Packaged in a polystyrene box

Part no.	Vol. (ml)	Number of windows	Type	Material	Spectral range (nm)	€ for 100
030101	1.6	2	Semi micro	PS	340/900	N/A -
030108	1.6	2	Semi micro	PMMA	300/900	N/A -
030100	4	2	Macro	PS	340/900	N/A -
030111	4	2	Macro	PMMA	300/900	N/A -

GoGreen

1/3 solar energy
+ optimised packaging in recycled cardboard
+ manufactured in Italy

Eppendorf® Vis Cuvettes

eppendorf



- Single-use cuvettes
- Measurements in the range 300 to 900 nm
- Light beam height: 8.5 - 15 mm
- Ideal for colorimetric protein assays, OD600, kinetic measures (Macro Cell) and fluorescence

Part no.	Designation	Volume min. (µl)	Volume max. (µl)	Dim. (mm)	Units/ box	€/ box
933027	Macro cuvette	1000	4500	12.5 x 12.5 x 45	1000	N/A -
933028	Semi-micro cuvette	400	3000	12.5 x 12.5 x 45	1000	N/A -

Ratiolab single-use spectrophotometer cuvettes

- Single-use cuvettes
- External dimensions: 12.5 x 12.5 x 45 mm
- Optical path: 10 mm
- Supplied in a resealable polystyrene box of 100 cuvettes



For reading in UV (200 to 900 nm)

Special plastic resin.

Part no.	Vol. (ml)	€ for 100
030106	4	N/A -

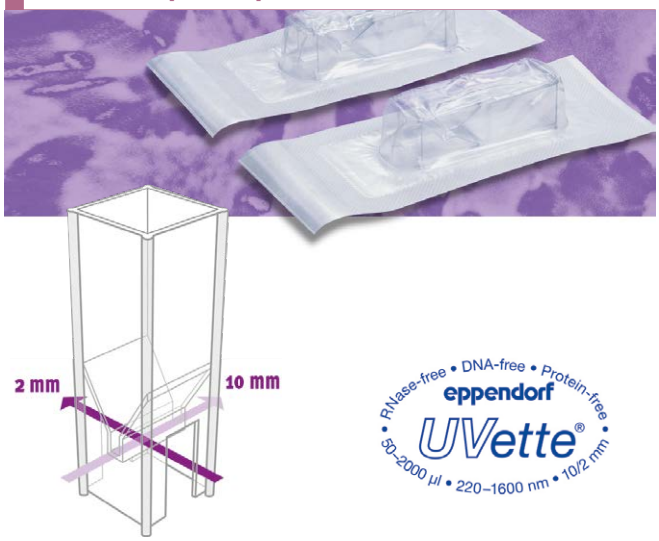
For reading in the visible

Part no.	Vol. (ml)	Number of windows	Type	Material	Spectral range (nm)	€ for 100
030101R	1.6	2	Semi micro	PS	340/900	N/A -
030108R	1.6	2	Semi micro	PMMA	300/900	N/A -
030109	1.6	2	Semi micro	Resin*	340/900	N/A -
030100R	4	2	Macro	PS	340/900	N/A -
030111R	4	2	Macro	PMMA	300/900	N/A -
030112	4	2	Macro	Resin*	340/900	N/A -

* Solvent-resistant resin: verify compatibility (see guide on Dutscher.com)

UVETTE spectrophotometer cuvettes

eppendorf



RNase-free • DNA-free • Protein-free
eppendorf
UVette®
50–2000 µl • 220–1600 nm • 10/2 mm

Single-use cuvettes for UV - visible with double optical path: 10 mm or 2 mm. For use on the Eppendorf Biophotometer.

- Rack or individual packaging
- Measure: 220 to 1600 nm
- Volume: 50 to 2000 µl
- Beam height: 8.5 mm
- L x W x H: 12.5 x 12.5 x 36 mm

Part no.	Designation	Units/ box	€/ box
033189	Eppendorf Uvette® individual packaging	80	N/A -
033952	Eppendorf Uvette® on rack	2 packs of 100	N/A -

Adapters for other brands of photometers

The Eppendorf Uvettes® are compatible with most photometers thanks to an adapter.

Part no.	For photometers	€
033337	Beam height 8.5 mm	N/A -
033338	Beam height 10 mm	N/A -
033339	Beam height 15 mm	N/A -
033340	Beam height 20 mm (Varian Cary 50 compatible)	N/A -
033344	GeneQuant I and II	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Brand spectrophotometer cuvettes



10 mm optical path. In PS or PMMA.
The 1000 cuvettes are delivered in 10 cartons of 100 cuvettes of the same mould number.

Part no.	Designation	Material	Volume min. (ml)	Volume max. (ml)	Dimensions window (mm)	Wavelengths	€ per 10 x 100
090283	Macro cuvette	PS	2.5	4.5	10 x 35	Sup 340 nm	N/A -
090284	Semi-micro cuvette	PS	1.5	3	4.5 x 23	Sup 340 nm	N/A -
090286	Macro cuvette	PMMA	2.5	4.5	10 x 35	Sup 300 nm	N/A -
090287	Semi-micro cuvette	PMMA	1.5	3	4.5 x 23	Sup 300 nm	N/A -

Stirring rod for tanks



- Polystyrene
- L x ø: 90 x 3 mm

Part no.	Designation	€/ per 100
391100	Stirring rod for tanks	N/A -

Cuvettes and caps for visible UV



Caps for Micro cuvettes

For the Micro models, coloured caps allow the cuvettes to be sealed and their contents to be preserved.

Part no.	Colour	Material	€ per 100
090273	Blue	PE	N/A -
090274	Yellow	PE	N/A -
090280	Green	PE	N/A -
090281	Orange	PE	N/A -

UV visible cuvettes

- Designed for DNA and sDNA, RNA measurements at 260 and 280 nm
- Two different beam heights
- Sorted by mould number
- Two optical sides
- 10 mm light path

Part no.	Designation	Beam height	Min. volume	Max. volume	Window dimensions (mm)	Wavelengths	Units/ box	€/ box
090266	UltraVette micro	8.5 mm	70 µl	850 µl	2 x 3.5	220 to 900 nm	100	N/A -
090267	UltraVette micro	8.5 mm	70 µl	850 µl	2 x 3.5	220 to 900 nm	500	N/A -
090268	UltraVette micro	15 mm	70 µl	550 µl	2 x 3.5	220 to 900 nm	100	N/A -
090269	UltraVette micro	15 mm	70 µl	550 µl	2 x 3.5	220 to 900 nm	500	N/A -
090271	UltraVette Semi-micro	-	1.5 ml	3 ml	4.5 x 23	220 to 900 nm	100	N/A -
090272	UltraVette Macro	-	2.5 ml	4.5 ml	10 x 35	220 to 900 nm	100	N/A -

UV visible cuvettes for spectrophotometers





- Designed for DNA and sDNA, RNA measurements at 260 and 280 nm
- Two optical sides
- PMMA: wavelength 220 to 900 nm.
- Individual packaging

Stérile

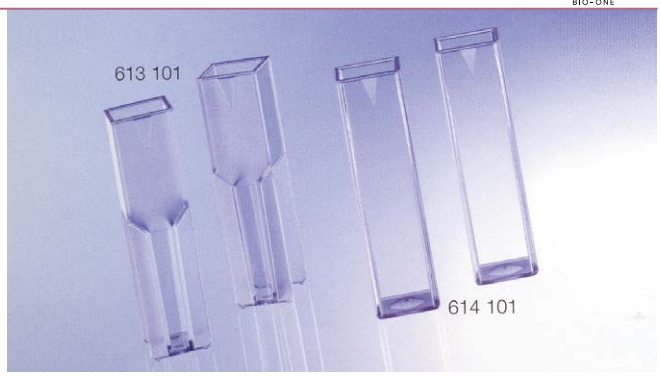
Part no.	Designation	Height beam	Volume min.	Volume max.	€ for 100
091413	UltraVette micro	8.5 mm	70 µl	850 µl	N/A -
091414	UltraVette micro	15 mm	70 µl	550 µl	N/A -

Greiner Bio-One cuvettes

Greiner Bio-One disposable polystyrene cuvettes for all standard spectrophotometers. A polystyrene cap covers the box, which can be closed neatly.

- High quality
- Can be used from 340 to 800 nm
- In boxes of 100

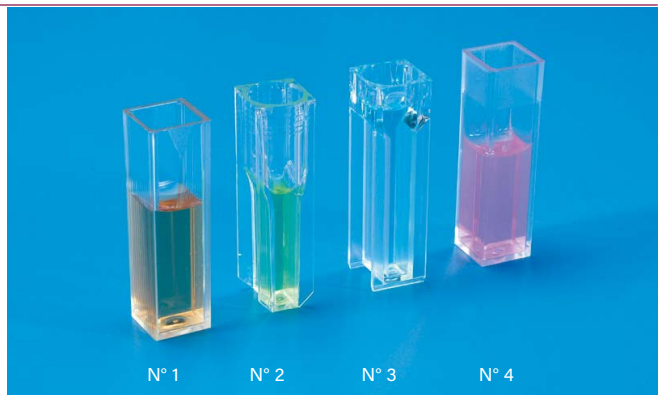
	Microcuvette	Macrocuvette
Volume (ml)	2	4
Material	Polystyrene	Polystyrene
W x H ext. (mm)	12.3 x 45	12.5 x 45
Units/box	100	100
Part no.	613101	614101
€/ box	N/A -	N/A -



Single-use cuvettes for spectrophotometers

- In polystyrene or PMMA
- Optical Polystyrene: usable from 340 to 800 nm
- PMMA: usable from 280 to 800 nm
- Optical path: 10 mm
- Adaptable cap for round opening (Cat.No. 080151)

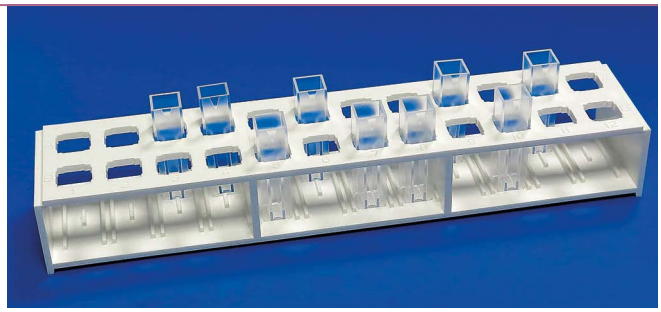
Capacity (ml)	1.5	2.5	4.5	4.5
Type	Semi-micro	Semi-micro	Macro	Macro 4 optical faces
Opening	Round	Round	Square	Square
Shape	Low	High	Standard	Standard
Photo no	3	2	1	4
Polystyrene tank	391095	391096	391001	391094
€ per box of 100	N/A -	N/A -	N/A -	N/A -
PMMA tank	391099	391098	391002	391097
€ per box of 100	N/A -	N/A -	N/A -	N/A -



ABS rack for 24 cuvettes

- ABS Stacking rack
- White with alphanumeric marking
- L x W x H: 250 x 54 x 37 mm

Part no.	Designation	€
39186082	Rack for 24 cuvettes	N/A -

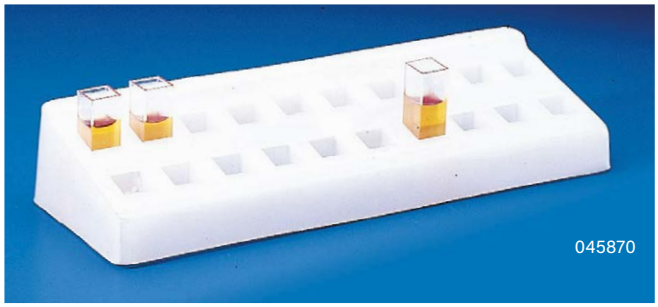


Racks for spectrophotometer cuvettes

Autoclavable polypropylene racks for 12.5 x 2.5 mm cuvettes

Part no.	Designation	L x W x H (mm)	€
045869	Rack with handle for 12 cuvettes	114 x 111 x 111	N/A -
045870	Graduated low rack for 20 cuvettes	209 x 70 x 35	N/A -





Prices are indicative and excluding tax. Visit Dutscher.com

Haver sieve



- According to ISO 3310- 1
- Supplied with a certificate of conformity 2.1 according to EN 10 204 standard
- Stainless steel
- Other diameters, please consult us

	Dimensions Ø x H (mm)		
	200 x 50		
Mesh	Part no.	€	
2.8 mm	493163	N/A -	
3.15 mm	493164	N/A -	
3.35 mm	493165	N/A -	
3.55 mm	493166	N/A -	
4 mm	493167	N/A -	
4.5 mm	493168	N/A -	
4.75 mm	493169	N/A -	
5 mm	493170	N/A -	
5.6 mm	493171	N/A -	
6.3 mm	493172	N/A -	
6.7 mm	493173	N/A -	
7.1 mm	493174	N/A -	
8 mm	493175	N/A -	
9 mm	493176	N/A -	
9.5 mm	493177	N/A -	
10 mm	493178	N/A -	
11.2 mm	493179	N/A -	
12.5 mm	493180	N/A -	
13.2 mm	493181	N/A -	
14 mm	493182	N/A -	
16 mm	493183	N/A -	
18 mm	493184	N/A -	
19 mm	493185	N/A -	
20 mm	493186	N/A -	
22.4 mm	493187	N/A -	
25 mm	493188	N/A -	
26.5 mm	493189	N/A -	
28 mm	493190	N/A -	
31.5 mm	493191	N/A -	
35.5 mm	493192	N/A -	
37.5 mm	493193	N/A -	
40 mm	493194	N/A -	
45 mm	493195	N/A -	
50 mm	493196	N/A -	
53 mm	493197	N/A -	
56 mm	493198	N/A -	
63 mm	493199	N/A -	
71 mm	493200	N/A -	
75 mm	493201	N/A -	
80 mm	493202	N/A -	
90 mm	493203	N/A -	
100 mm	493204	N/A -	
106 mm	493205	N/A -	
112 mm	493206	N/A -	
125 mm	493207	N/A -	

	Dimensions Ø x H (mm)					
	100 x 45		150 x 50		200 x 50	
Mesh	Part no.	€	Part no.	€	Part no.	€
20 µm	493001	N/A -	493055	N/A -	493109	N/A -
25 µm	493002	N/A -	493056	N/A -	-	-
32 µm	493003	N/A -	493057	N/A -	493111	N/A -
36 µm	493004	N/A -	493058	N/A -	493112	N/A -
38 µm	493005	N/A -	493059	N/A -	493113	N/A -
40 µm	493006	N/A -	493060	N/A -	493114	N/A -
45 µm	493007	N/A -	493061	N/A -	493115	N/A -
50 µm	493008	N/A -	493062	N/A -	493116	N/A -
53 µm	493009	N/A -	493063	N/A -	493117	N/A -
56 µm	493010	N/A -	493064	N/A -	493118	N/A -
63 µm	493011	N/A -	493065	N/A -	493119	N/A -
71 µm	493012	N/A -	493066	N/A -	493120	N/A -
75 µm	493013	N/A -	493067	N/A -	493121	N/A -
80 µm	493014	N/A -	493068	N/A -	493122	N/A -
90 µm	493015	N/A -	493069	N/A -	493123	N/A -
100 µm	493016	N/A -	493070	N/A -	493124	N/A -
106 µm	493017	N/A -	493071	N/A -	493125	N/A -
112 µm	493018	N/A -	493072	N/A -	493126	N/A -
125 µm	493019	N/A -	493073	N/A -	493127	N/A -
140 µm	493020	N/A -	493074	N/A -	493128	N/A -
150 µm	493021	N/A -	493075	N/A -	493129	N/A -
160 µm	493022	N/A -	493076	N/A -	493130	N/A -
180 µm	493023	N/A -	493077	N/A -	493131	N/A -
200 µm	493024	N/A -	493078	N/A -	493132	N/A -
212 µm	493025	N/A -	493079	N/A -	493133	N/A -
224 µm	493026	N/A -	493080	N/A -	493134	N/A -
250 µm	493027	N/A -	493081	N/A -	493135	N/A -
280 µm	493028	N/A -	493082	N/A -	493136	N/A -
300 µm	493029	N/A -	493083	N/A -	493137	N/A -
315 µm	493030	N/A -	493084	N/A -	493138	N/A -
355 µm	493031	N/A -	493085	N/A -	493139	N/A -
400 µm	493032	N/A -	493086	N/A -	493140	N/A -
425 µm	493033	N/A -	493087	N/A -	493141	N/A -
450 µm	493034	N/A -	493088	N/A -	493142	N/A -
500 µm	493035	N/A -	493089	N/A -	493143	N/A -
560 µm	493036	N/A -	493090	N/A -	493144	N/A -
600 µm	493037	N/A -	493091	N/A -	493145	N/A -
630 µm	493038	N/A -	493092	N/A -	493146	N/A -
710 µm	493039	N/A -	493093	N/A -	493147	N/A -
800 µm	493040	N/A -	493094	N/A -	493148	N/A -
850 µm	493041	N/A -	493095	N/A -	493149	N/A -
900 µm	493042	N/A -	493096	N/A -	493150	N/A -
1 mm	493043	N/A -	493097	N/A -	493151	N/A -
1.12 mm	493044	N/A -	493098	N/A -	493152	N/A -
1.18 mm	493045	N/A -	493099	N/A -	493153	N/A -
1.25 mm	493046	N/A -	493100	N/A -	493154	N/A -
1.4 mm	493047	N/A -	493101	N/A -	493155	N/A -
1.6 mm	493048	N/A -	493102	N/A -	493156	N/A -
1.7 mm	493049	N/A -	493103	N/A -	493157	N/A -
1.8 mm	493050	N/A -	493104	N/A -	493158	N/A -
2 mm	493051	N/A -	493105	N/A -	493159	N/A -
2.24 mm	493052	N/A -	493106	N/A -	493160	N/A -
2.36 mm	493053	N/A -	493107	N/A -	493161	N/A -
2.5 mm	493054	N/A -	493108	N/A -	493162	N/A -

Accessories

	For sieve Ø 100 mm		For sieve Ø 150 mm		For sieve Ø 200 mm	
Designation	Part no.	€	Part no.	€	Part no.	€
Test sieve lid	493208	N/A -	493213	N/A -	493215	N/A -
Receiver pan	493209	N/A -	493214	N/A -	493216	N/A -
Receiver pan with discharge nozzle and tubing	-	-	-	-	493217	N/A -
Intermediate pan	-	-	-	-	493218	N/A -
Intermediate ring	-	-	-	-	493219	N/A -
PVC sealing ring	493210	N/A -	493221	N/A -	493220	N/A -
Rubber sieve ball diameter 20 mm	493211	N/A -	493211	N/A -	493211	N/A -
Rubber sieve cubes 20 x 20 x 20 mm	493212	N/A -	493212	N/A -	493212	N/A -

FRITSCH stainless steel sieves

- Standard ISO 3310-1
- Sieve pan and lid to be ordered separately
- In stainless steel

Mesh	Stainless steel sieve 200 x 50 mm	Stainless steel sieve 200 x 25 mm	Stainless steel sieve 203 x 51 mm	Stainless steel sieve 100 x 40 mm	€
63mm*	445137	445255	445373	445491	N/A -
45mm*	445138	445256	445374	445492	N/A -
31.5mm*	445139	445257	445375	445493	N/A -
25 mm	445140	445258	445376	445494	N/A -
22.4mm*	445141	445259	445377	445495	N/A -
20 mm	445142	445260	445378	445496	N/A -
19 mm	445143	445261	445379	445497	N/A -
18 mm	445144	445262	445380	445498	N/A -
16mm*	445145	445263	445381	445499	N/A -
14 mm	445146	445264	445382	445500	N/A -
12.5 mm	445147	445265	445383	445501	N/A -
11.2mm*	445148	445266	445384	445502	N/A -
10 mm	445149	445267	445385	445503	N/A -
9 mm	445150	445268	445386	445504	N/A -
8mm*	445151	445269	445387	445505	N/A -
7.1 mm	445152	445270	445388	445506	N/A -
6.3 mm	445153	445271	445389	445507	N/A -
5.6mm*	445154	445272	445390	445508	N/A -
5 mm	445155	445273	445391	445509	N/A -
4.5 mm	445156	445274	445392	445510	N/A -
4mm*	445157	445275	445393	445511	N/A -
3.55 mm	445158	445276	445394	445512	N/A -
3.15 mm	445159	445277	445395	445513	N/A -
2.8mm*	445160	445278	445396	445514	N/A -
2.5 mm	445161	445279	445397	445515	N/A -
2.24 mm	445162	445280	445398	445516	N/A -
2mm*	445163	445281	445399	445517	N/A -
1.8 mm	445164	445282	445400	445518	N/A -
1.6 mm	445165	445283	445401	445519	N/A -
1.4mm*	445166	445284	445402	445520	N/A -
1.25 mm	445167	445285	445403	445521	N/A -
1.12 mm	445168	445286	445404	445522	N/A -
1mm*	445169	445287	445405	445523	N/A -
900µm	445170	445288	445406	445524	N/A -
850µm	445171	445289	445407	445525	N/A -
800µm	445172	445290	445408	445526	N/A -
710µm*	445173	445291	445409	445527	N/A -

* ISO 565 R20/3

Mesh	Stainless steel sieve 200 x 50 mm	Stainless steel sieve 200 x 25 mm	Stainless steel sieve 203 x 51 mm	Stainless steel sieve 100 x 40 mm	€
630µm	445174	445292	445410	445528	N/A -
600µm	445175	445293	445411	445529	N/A -
560µm	445176	445294	445412	445530	N/A -
500µm*	445177	445295	445413	445531	N/A -
450µm	445178	445296	445414	445532	N/A -
400µm	445179	445297	445415	445533	N/A -
355µm*	445180	445298	445416	445534	N/A -
315µm	445181	445299	445417	445535	N/A -
300µm	445182	445300	445418	445536	N/A -
280µm	445183	445301	445419	445537	N/A -
250µm*	445184	445302	445420	445538	N/A -
224µm	445185	445303	445421	445539	N/A -
212µm	445186	445304	445422	445540	N/A -
200µm	445187	445305	445423	445541	N/A -
180µm*	445188	445306	445424	445542	N/A -
160µm	445189	445307	445425	445543	N/A -
150µm	445190	445308	445426	445544	N/A -
140µm	445191	445309	445427	445545	N/A -
125µm*	445192	445310	445428	445546	N/A -
112µm	445193	445311	445429	445547	N/A -
106µm	445194	445312	445430	445548	N/A -
100µm	445195	445313	445431	445549	N/A -
90µm*	445196	445314	445432	445550	N/A -
80µm	445197	445315	445433	445551	N/A -
75µm	445198	445316	445434	445552	N/A -
71µm	445199	445317	445435	445553	N/A -
63µm*	445200	445318	445436	445554	N/A -
56µm	445201	445319	445437	445555	N/A -
53µm	445202	445320	445438	445556	N/A -
50µm	445203	445321	445439	445557	N/A -
45µm*	445204	445322	445440	445558	N/A -
40µm	445205	445323	445441	445559	N/A -
38µm	445206	445324	445442	445560	N/A -
36µm	445207	445325	445443	445561	N/A -
32µm*	445208	445326	445444	445562	N/A -
25µm*	445209	445327	445445	445563	N/A -
20µm	445210	445328	445446	445564	N/A -

Part no.	Designation	€
	For sieves 200 x 50 mm	
445130	Stainless steel lid	N/A -
445110	Stainless steel sieve pan height 50 mm	N/A -
445108	Stainless steel intermediate pan, height 50 mm	N/A -
	For sieves 203 x 51 mm	
445131	Stainless steel lid	N/A -
445111	Stainless steel sieve pan height 51 mm	N/A -
445109	Stainless steel intermediate pan, height 51 mm	N/A -
	For sieves 100 x 40 mm	
445132	Stainless steel lid	N/A -
445112	Stainless steel sieve pan height 40 mm	N/A -



Prices are indicative and excluding tax. Visit Dutscher.com

Retsch Stainless Steel Sieve



- ISO 3310/1 Certified
- In stainless steel
- Sieve pan and lid to be ordered separately

Mesh	106 series Stainless steel sieve 100 x 40 mm Part no.	€	131 series Stainless steel sieve 200 x 50 mm Part no.	€
6.3 mm	950966	N/A -	950867	N/A -
6.7 mm	950967	N/A -	950868	N/A -
7.1 mm	950968	N/A -	950869	N/A -
8 mm	950969	N/A -	950870	N/A -
9 mm	950970	N/A -	950871	N/A -
9.5 mm	950971	N/A -	950872	N/A -
10 mm	950972	N/A -	950873	N/A -
11.2 mm	950973	N/A -	950874	N/A -
12.5 mm	950974	N/A -	950875	N/A -
13.2 mm	950975	N/A -	950876	N/A -
14 mm	950976	N/A -	950877	N/A -
16 mm	950977	N/A -	950878	N/A -
18 mm	950978	N/A -	950879	N/A -
19 mm	950979	N/A -	950880	N/A -
20 mm	950980	N/A -	950881	N/A -
22.4 mm	950981	N/A -	950882	N/A -
25 mm	950982	N/A -	950883	N/A -
26.5 mm	950983	N/A -	950884	N/A -
28 mm	950984	N/A -	950885	N/A -
31.5 mm	950985	N/A -	950886	N/A -
35.5 mm	950986	N/A -	950887	N/A -
37.5 mm	950987	N/A -	950888	N/A -
40 mm	950988	N/A -	950889	N/A -
45 mm	950989	N/A -	950890	N/A -

Mesh	106 series Stainless steel sieve 100 x 40 mm Part no.	€	131 series Stainless steel sieve 200 x 50 mm Part no.	€
20 µm	950903	N/A -	950805	N/A -
25 µm	950904	N/A -	950806	N/A -
32 µm	950905	N/A -	950807	N/A -
36 µm	950906	N/A -	950808	N/A -
38 µm	950907	N/A -	950809	N/A -
40 µm	950908	N/A -	950810	N/A -
45 µm	950909	N/A -	950804	N/A -
50 µm	950910	N/A -	950811	N/A -
53 µm	950911	N/A -	950812	N/A -
56 µm	950912	N/A -	950813	N/A -
63 µm	950913	N/A -	950814	N/A -
71 µm	950914	N/A -	950815	N/A -
75 µm	950915	N/A -	950816	N/A -
80 µm	950916	N/A -	950817	N/A -
90 µm	950917	N/A -	950818	N/A -
100 µm	950918	N/A -	950819	N/A -
106 µm	950919	N/A -	950820	N/A -
112 µm	950920	N/A -	950821	N/A -
125 µm	950921	N/A -	950822	N/A -
140 µm	950922	N/A -	950823	N/A -
150 µm	950923	N/A -	950824	N/A -
160 µm	950924	N/A -	950825	N/A -
180 µm	950925	N/A -	950826	N/A -
200 µm	950926	N/A -	950827	N/A -
212 µm	950927	N/A -	950828	N/A -
224 µm	950928	N/A -	950829	N/A -
250 µm	950929	N/A -	950830	N/A -
280 µm	950930	N/A -	950831	N/A -
300 µm	950931	N/A -	950832	N/A -
315 µm	950932	N/A -	950833	N/A -
355 µm	950933	N/A -	950834	N/A -
400 µm	950934	N/A -	950835	N/A -
425 µm	950935	N/A -	950836	N/A -
450 µm	950936	N/A -	950837	N/A -
500 µm	950937	N/A -	950838	N/A -
560 µm	950938	N/A -	950839	N/A -
600 µm	950939	N/A -	950840	N/A -
630 µm	950940	N/A -	950841	N/A -
710 µm	950941	N/A -	950842	N/A -
800 µm	950942	N/A -	950843	N/A -
850 µm	950943	N/A -	950844	N/A -
900 µm	950944	N/A -	950845	N/A -
1 mm	950945	N/A -	950846	N/A -
1.12 mm	950946	N/A -	950847	N/A -
1.18 mm	950947	N/A -	950848	N/A -
1.25 mm	950948	N/A -	950849	N/A -
1.4 mm	950949	N/A -	950850	N/A -
1.6 mm	950950	N/A -	950851	N/A -
1.7 mm	950951	N/A -	950852	N/A -
1.8 mm	950952	N/A -	950853	N/A -
2 mm	950953	N/A -	950854	N/A -
2.24 mm	950954	N/A -	950855	N/A -
2.36 mm	950955	N/A -	950856	N/A -
2.5 mm	950956	N/A -	950857	N/A -
2.8 mm	950957	N/A -	950858	N/A -
3.15 mm	950958	N/A -	950859	N/A -
3.35 mm	950959	N/A -	950860	N/A -
3.55 mm	950960	N/A -	950861	N/A -
4 mm	950961	N/A -	950862	N/A -
4.5 mm	950962	N/A -	950863	N/A -
4.75 mm	950963	N/A -	950864	N/A -
5 mm	950964	N/A -	950865	N/A -
5.6 mm	950965	N/A -	950866	N/A -

Accessories

Part no.	Designation	€
	For sieves 100 x 40 mm	
951083	Stainless steel sieve pan	N/A -
951084	Intermediate ring	N/A -
951085	Stainless steel sieve lid	N/A -
951086	Stainless steel sieve pan with outlet	N/A -
951087	Intermediate ring seal	N/A -
	For sieves 200 x 50 mm	
951075	Stainless steel sieve pan	N/A -
951076	Intermediate pan	N/A -
951077	Intermediate ring	N/A -
951078	Stainless steel sieve lid	N/A -
952345	Intermediate ring seal	N/A -
	For sieves 200 x 25 mm	
951080	Stainless steel sieve pan	N/A -
951081	Intermediate pan	N/A -
951082	Intermediate ring	N/A -

UV chambers "Uvicab"

- Darkroom to be fitted with UV tubes of the desired wavelength
- Combinations of single or double wavelength of 254, 312, or 365 nm
- UV Chamber CV-415 to be completed with a set of 4 UV lamps 15 W
- CV-006 chamber, compact model to be completed with 1 or 2 UV lamps of 6 W
- Removable panel to allow placement of the chamber on a transilluminator



Part no.	Designation	External Dim. (L x W x H) (mm)	Internal Dim. (W x L) (mm)	€
441360	UV chamber CV-415	505 x 415 x 280	450 x 300	N/A -
441203	Mini UV chamber CV-006	300 x 280 x 240	260 x 240	N/A -

UV lamps for UV chamber

Part no.	Designation	Tubes	Intensity (µW/cm²)	Compatibility	€
441366	Set of 4 UV tubes 365 nm	4 x 15 W	2000	For UV chamber CV-415	N/A -
441362	Set of 4 UV tubes 254 nm	4 x 15 W	1750		N/A -
441363	Set of 4 UV tubes 312 nm	4 x 15 W	1800		N/A -
	Set of 4 UV tubes:				
441364	- 2 tubes 312 nm	2 x 15 W	1050		N/A -
	- 2 tubes 365 nm	2 x 15 W	970		
	Set of 4 UV tubes:				
441365	2 tubes 312 nm	2 x 15 W	970		N/A -
	2 tubes 254 nm	2 x 15 W	900		
	Set of 4 UV tubes:				
441361	2 tubes 254 nm	2 x 15 W	1050		N/A -
	2 tubes 365 nm	2 x 15 W	900		
441137	UV lamp 365 nm	1 x 6 W	700	For UV chamber CV-006	N/A -
441138	UV lamp 254 nm	1 x 6 W	710		N/A -
441142	UV lamp 365/254 nm	2 x 6 W	610 / 400		N/A -

Lamps without germicidal filters

- Housings constructed from extruded aluminium providing high-quality optical reflection
- Range from 2 x 15 watts to 3 x 40 watts
- Short wavelength for germicidal activity: 254 nm
- For medical or research laboratories
- For agri-food laboratories
- For areas to be kept free from bacterial contamination



Part no.	Tubes	Intensity uW/cm²	L x W x H (mm)	€
441186	2 x 15 W	76	505/140/100	N/A -
441191	3 x 30 W	191	983/140/107.5	N/A -

Accessory

Part no.	Designation	€
441177	Support for 15W lamp	N/A -

Portable UV lamps with Uvitec filter

Full range with single or dual wavelength: 254 nm /312 or 365 nm. 4 W to 15 W tubes.

- 254 nm: fluorescence techniques, fluorochemistry, mineralogy, photopolymerisation, mutation studies, toxicology
- 312 nm: gel visualisation
- 365 nm: visualisation of TLC plates, fluorochemistry, food inspection, quality control, titration, pesticide analysis, mineralogy



Part no.	Model	Description	Filter (mm)	Tube	Wavelength (nm)	€
441137	LF 106L	Portable 365 nm lamp	50 x 150	1 x 6 W	365	N/A -
441138	LF 106S	Portable 254 nm lamp	50 x 150	1 x 6 W	254	N/A -
441142	LF 206LS	Portable lamp dual wavelength	50 x 150	1 x 6 W 1 x 6 W	365 254	N/A -
441143	LF 215L	Portable 365 nm lamp	80 x 300	2 x 15 W	365	N/A -
441144	LF 215S	Portable 254 nm lamp	80 x 300	2 x 15 W	254	N/A -
441145	LF 215M	Portable 312 nm lamp	80 x 300	2 x 15 W	312	N/A -
441146	LF 215LM	Portable lamp dual wavelength	80 x 300	1 x 15 W 1 x 15 W	365 312	N/A -
441409	LF 215MS	Dual-wavelength portable lamp	80 x 300	1 x 15 W 1 x 15 W	312 254	N/A -
441148	LF 215LS	Dual-wavelength portable lamp	80 x 300	1 x 15 W 1 x 15 W	365 254	N/A -

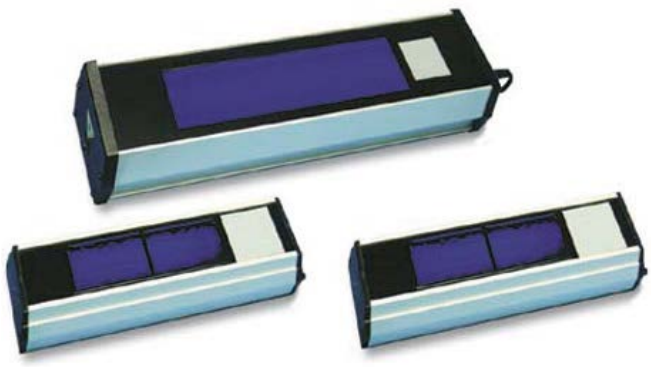
Accessories

Part no.	Designation	€
441392	Support for 6W lamp	N/A -
441177	Support for 15W lamp	N/A -

Prices are indicative and excluding tax. Visit Dutscher.com

Portable UV lamps with filter

Consort



- Full range with single or dual wavelength
- Tubes from 4 to 15 W

Part no.	Model	Double wavelength	Intensity µW/cm²	Tube	Wavelength (nm)	L x W x H (mm)	€
324014	E2105	No	710	1 x 6 W	254 nm	200 x 85 x 60	N/A -
324016	E2107	Yes	400/610	2 x 6 W	254/365 nm	200 x 85 x 60	N/A -
324022	E2113	No	2300	2 x 15 W	365 nm	500 x 85 x 60	N/A -
324023	E2114	No	1780	2 x 15 W	254 nm	500 x 85 x 60	N/A -
324024	E2115	No	3000	2 x 15 W	312 nm	500 x 85 x 60	N/A -
324025	E2116	Yes	930/1350	2 x 15 W	254/365 nm	500 x 85 x 60	N/A -
324026	E2117	Yes	1800/1350	2 x 15 W	312/365 nm	500 x 85 x 60	N/A -
324027	E2118	Yes	930/1800	2 x 15 W	254/312 nm	500 x 85 x 60	N/A -

Lampholder supports

Part no.	Designation	€
324065	Holder for lamps 4 and 6 Watt	N/A -
324066	Holder for lamps 15 Watt	N/A -

Portable UV lamps



- Wireless lamps with lithium battery (DC 12v)
- Ergonomic and lightweight
- Single or dual wavelength
- Automatic deactivation of the lamp in case of overturning (depending on the model)
- 3 hours of autonomy (continuous use)
- Battery charger provided

Wavelength (nm)	UV emission window size (mm)	Number of UV tubes	Dimensions L x W x H (mm)	Model with automatic shutdown		Standard model	
				Part no.	€	Part no.	€
254	150 x 50	2	88 x 415 x 60	972003	N/A -	972000	N/A -
365		2		972004	N/A -	972001	N/A -
254 and 365		2 (1 + 1)		972005	N/A -	972002	N/A -

LED batteries mini table



- Space-saving, can be stored in a drawer
- The LED light remains cool, has a long lifespan (10,000 hours), and low energy consumption.\
- Visualisation window: 125 x 100 mm, perfect for rapid screening of 96-well plates, Petri dishes, electrophoresis gels, slides
- Dimensions: 58 x 150 x 14 mm
- 1.5 V AAA batteries included

Part no.	Designation	€
320645	LED mini table	N/A -

Standard negatoscopes



- High-strength aluminium alloy screen structure
- Corners protected by a steel plate covered with ABS
- Methacrylic polymer screen
- The interior and exterior of the screen are coated with an anti-static sprayed powder
- Very simple radio fastening system
- Can be placed or mounted on a wall

Part no.	Number of ranges	Dimensions screen (cm)	Dimensions external (cm)	€
715007	1	36 x 43.5	61 x 50 x 15.5	N/A -
715014	2	72 x 43.5	80 x 56 x 10	N/A -