CLEARLINE® AND DUTSCHER GROUP BRANDS



The Dutscher Group brands

Dear customers,

We are delighted to introduce you to the brands of the Dutscher Group, all gathered in this brochure.

Our portfolio combines a comprehensive range of laboratory consumables (including tips, filter tips, cryotubes, microtubes, ande more) as well as benchtop equipment, all designed too meet demanding requirements of today's laboratories:

- Premium quality, manufactured to the highest standards;
- Manufacturing expertise thanks to our strict process and quality control;
- Innovative technical features: ClearLine® products feature unique characteristics to provide additional safety, ease of use and efficiency;
- Exceptional value for money.

Please do not hesitate to contact us for further information.

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ClearLine® cell scrapers

- Individual sterile packaging
- ABS handle and TPE blade

Part no.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/ box	€/ box
131054C	25	20	1	100	N/A -
131056C	39	30	1	100	N/A -



ClearLine® Cell Strainers

- Sterile

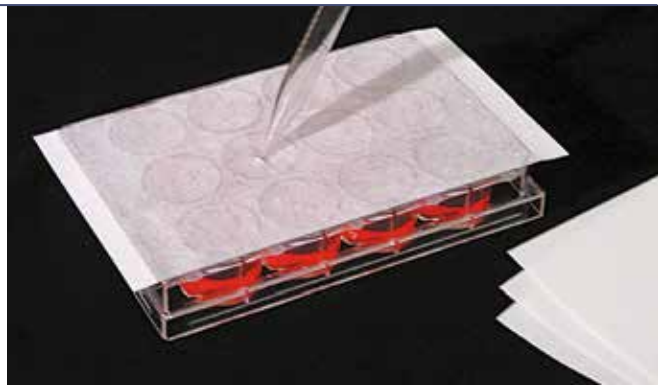
Part no.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
141378C	40	Blue	50 ml	1	50	N/A -
141379C	70	White	50 ml	1	50	N/A -
141380C	100	Yellow	50 ml	1	50	N/A -



AeraSeal™ ClearLine® porous films

- Porous hydrophobic adhesive films with a total thickness of 140 µm
- Promote uniform gas exchange in all wells
- Non-cytotoxic
- Highly gas-permeable
- Easily pierces with a pipette tip for sample recovery
- Can be used from -20 °C to +80 °C

Part no.	Designation	Units/box	€/ box
760214	AeraSeal™ adhesive film	100	N/A -
760215	AeraSeal™ sterile adhesive film	50	N/A -
765247	AeraSeal™ non-sterile film roll, 81 mm x 100 m	1	N/A -
765259	AeraSeal™ sterile film roll, 50 sheet roll	2	N/A -



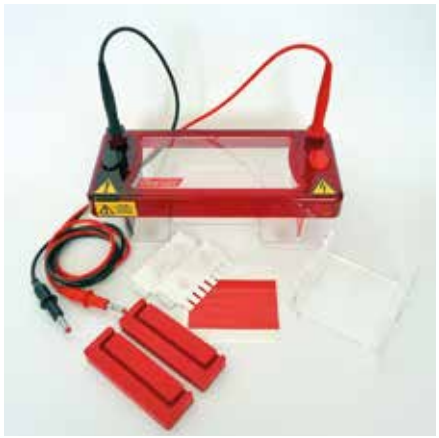


ClearSub horizontal electrophoresis cells

- Injection moulded, durable, leak-proof tank designed to minimise the volume of buffer required
- Each system is supplied with: an electrophoresis tank, a safety cover, one or two (DUO model) or three (TRIO model) casting trays, two combs, deposition guides and the casting walls to transform the tray into a casting system
- Many optional combs
- 4 sizes available:
- ClearSub S: for 7 cm wide gels (up to 64 samples)
- ClearSub M: for 10 cm wide gels (up to 100 samples)
- ClearSub L: for 15 cm wide gels (up to 210 samples)
- ClearSub XL: for 20 cm wide gels (up to 450 samples)

more products on our website

ClearSub S System



- Gels of size 7 x 7 and/or 7 x 10 cm

	ClearSub S7	ClearSub S10	ClearSub SDUO
Maximum number of samples	32	64	32 ; 64
Gel size / number of trays supplied	7 x 7 cm / 1	7 x 10 cm / 1	7 x 7 cm /1 ; 7 x 10 cm / 1
Combs supplied	2 combs with 8 teeth, thickness 1 mm		
Max. number of combs per tray	2	4	2 ; 4
Buffer volume (ml)	225		
Typical migration condition	80 V, 45 - 60 minutes		
System dimensions (cm)	21 x 9 x 9		
Max. electric power (W)	10		
Part no.	**257281**	**257282**	**257283**
€	**N/A -**	**N/A -**	**N/A -**

Combs for ClearSub S

	Tooth thickness: 0.75 mm			Tooth thickness: 1 mm			Tooth thickness: 1.5 mm			Tooth thickness: 2 mm		
Number of teeth	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€
1	152	**257323**	**N/A -**	203	**257324**	**N/A -**	304	**257325**	**N/A -**	405	**257329**	**N/A -**
2	68	**257343**	**N/A -**	90	**257344**	**N/A -**	135	**257345**	**N/A -**	180	**257346**	**N/A -**
4	36	**257347**	**N/A -**	48	**257348**	**N/A -**	72	**257349**	**N/A -**	96	**257350**	**N/A -**
8	19	**257326**	**N/A -**	25	**257330**	**N/A -**	37	**257334**	**N/A -**	50	**257338**	**N/A -**
10	14	**257327**	**N/A -**	18	**257331**	**N/A -**	27	**257335**	**N/A -**	36	**257339**	**N/A -**
12	10	**257332**	**N/A -**	14	**257336**	**N/A -**	20	**257340**	**N/A -**	27	**257342**	**N/A -**
16	7	**257328**	**N/A -**	10	**257333**	**N/A -**	15	**257337**	**N/A -**	20	**257341**	**N/A -**

ClearSub M System



- Gels in sizes 10 x 7 cm and/or 10 x 10 cm

	ClearSub M7	ClearSub M10	ClearSub MDUO
Maximum number of samples	50	100	50 ; 100
Gel size / number of trays supplied	10 x 7 cm / 1	10 x 10 cm / 1	10 x 7 cm / 1 ; 10 x 10 cm / 1
Combs supplied	2 combs with 16 teeth, thickness 1 mm		
Max. number of combs per tray	2	4	2 ; 4
Buffer volume (ml)	300		
Typical migration condition	90 V, 45-60 minutes		
System dimensions (cm)	22 x 12.5 x 9		
Max. electric power (W)	20		
Part no.	**257284**	**257285**	**257286**
€	**N/A -**	**N/A -**	**N/A -**

Combs for ClearSub M

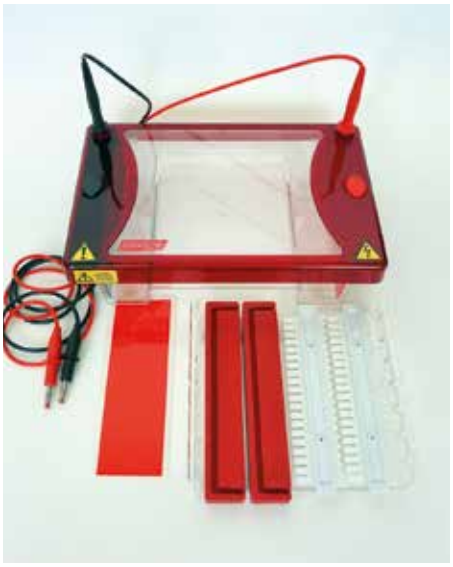
	Tooth thickness: 0.75 mm			Tooth thickness: 1 mm			Tooth thickness: 1.5 mm			Tooth thickness: 2 mm		
Number of teeth	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€
1	270	**257351**	**N/A -**	360	**257352**	**N/A -**	540	**257353**	**N/A -**	720	**257354**	**N/A -**
2	118	**257364**	**N/A -**	158	**257365**	**N/A -**	236	**257371**	**N/A -**	315	**257372**	**N/A -**
4	57	**257378**	**N/A -**	77	**257379**	**N/A -**	115	**257380**	**N/A -**	153	**257381**	**N/A -**
8	30	**257355**	**N/A -**	41	**257359**	**N/A -**	61	**257366**	**N/A -**	81	**257373**	**N/A -**
10	20	**257356***	**N/A -**	27	**257360***	**N/A -**	41	**257367***	**N/A -**	54	**257374***	**N/A -**
12	17	**257357**	**N/A -**	23	**257361**	**N/A -**	34	**257368**	**N/A -**	45	**257375**	**N/A -**
16	12	**257358**	**N/A -**	16	**257362**	**N/A -**	24	**257369**	**N/A -**	32	**257376**	**N/A -**
20	10	**257407**	**N/A -**	14	**257363**	**N/A -**	20	**257370**	**N/A -**	27	**257377**	**N/A -**

* Compatible with multichannel micropipettes.

ClearSub L systems

Gels of size 15 x 7 and/or 15 x 10 and/or 15 x 15 cm

	ClearSub L10	ClearSub L15	ClearSub LTRIO
Maximum number of samples	140	210	70 ; 140 ; 210
Gel size / number of trays supplied	15 x 10 cm / 1	15 x 15 cm / 1	15 x 7 cm / 1 ; 15 x 10 cm / 1 ; 15 x 15 cm / 1
Combs supplied	2 combs with 20 teeth, thickness 1 mm		
Max. number of combs per tray	4	6	2 ; 4 ; 6
Buffer volume (ml)	500		
Typical migration condition	90-150 V, 60 - 90 minutes		
System dimensions (cm)	26.5 x 17.5 x 9		
Max. electric power (W)	40		
Part no.	257287	257288	257289
€	N/A -	N/A -	N/A -



Combs for ClearSub L

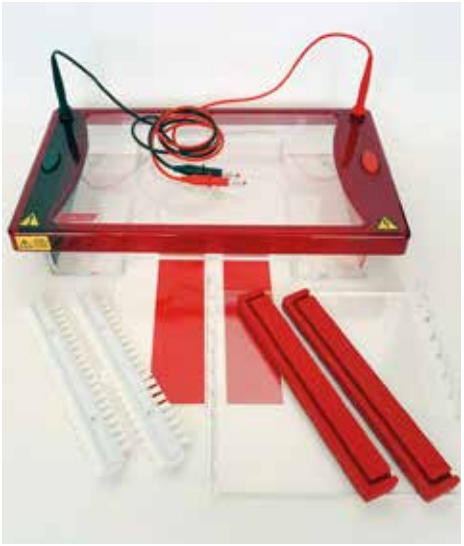
	Tooth thickness: 0.75 mm			Tooth thickness: 1 mm			Tooth thickness: 1.5 mm			Tooth thickness: 2 mm		
Number of teeth	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€
1	371	257384	N/A -	495	257385	N/A -	743	257386	N/A -	990	257387	N/A -
2	169	257391	N/A -	225	257393	N/A -	338	257394	N/A -	450	257395	N/A -
4	91	257430	N/A -	122	257431	N/A -	182	257432	N/A -	243	257433	N/A -
10	34	257396	N/A -	45	257403	N/A -	68	257412	N/A -	90	257423	N/A -
10	22	257397*	N/A -	29	257404*	N/A -	44	257417*	N/A -	59	257424*	N/A -
12	30	257398	N/A -	41	257405	N/A -	61	257418	N/A -	81	257425	N/A -
14	22	257399*	N/A -	29	257406*	N/A -	44	257419*	N/A -	59	257426*	N/A -
16	20	257388*	N/A -	27	257389*	N/A -	41	257390*	N/A -	54	257392*	N/A -
20	16	257400	N/A -	21	257408	N/A -	32	257420	N/A -	43	257427	N/A -
28	8	257401*	N/A -	11	257409*	N/A -	17	257421*	N/A -	23	257428*	N/A -
35	7	257402	N/A -	10	257410	N/A -	15	257422	N/A -	20	257429	N/A -

* Compatible with multichannel micropipettes.

ClearSub XL systems

Gels of size 20 x 10 cm and/or 20 x 20 cm or 20 x 15 cm, or 20 x 25 cm

	ClearSub XL10	ClearSub XL15	ClearSub XL20	ClearSub XL25	ClearSub XLDUO
Maximum number of samples	200	350	450	550	200 ; 450
Gel size / number of trays supplied	20 x 10 cm /1	20 x 15 cm/1	20 x 20 cm/1	20 x 25 cm/1	20 x 10/1 ; 20 x 20/1
Combs supplied	2 combs with 20 teeth, thickness 1 mm				
Max. number of combs per tray	4	7	9	11	4 ; 9
Buffer volume (ml)	1200				
Typical migration condition	100-150 V, 60-90 minutes				
System dimensions (cm)	39.5 x 23 x 9				
Max. electric power (W)	50				
Part no.	257290	257291	257292	257294	257293
€	N/A -	N/A -	N/A -	N/A -	N/A -



Combs for ClearSub XL

	Tooth thickness: 0.75 mm			Tooth thickness: 1 mm			Tooth thickness: 1.5 mm			Tooth thickness: 2 mm		
Number of teeth	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€	Sample volume (µl)	Part no.	€
1	506	257436	N/A -	675	257437	N/A -	1013	257435	N/A -	1350	257438	N/A -
2	236	257439	N/A -	315	257440	N/A -	473	257441	N/A -	630	257442	N/A -
4	115	257457	N/A -	153	257465	N/A -	230	257466	N/A -	306	257467	N/A -
10	54	257443	N/A -	72	257450	N/A -	108	257458	N/A -	144	257468	N/A -
16	30	257444	N/A -	41	257451	N/A -	61	257459	N/A -	81	257469	N/A -
20	20	257445*	N/A -	27	257452*	N/A -	41	257460*	N/A -	54	257470*	N/A -
25	16	257446	N/A -	21	257453	N/A -	32	257461	N/A -	42	257471	N/A -
30	13	257447	N/A -	17	257454	N/A -	26	257462	N/A -	34	257472	N/A -
36	11	257448	N/A -	14	257455	N/A -	22	257463	N/A -	29	257473	N/A -
40	8	257449*	N/A -	11	257456*	N/A -	17	257464*	N/A -	23	257474*	N/A -

* Compatible with multichannel micropipettes.

ClearSpin filtration microtubes



- 2 ml dolphin nose microtubes with an insert containing a filtration membrane
- Supplied assembled, caps closed
- Working volume: 500 µl
- Cellulose acetate or nylon membrane
- Max centrifugal speed: 16,000 g

Membrane	Cellulose acetate			Nylon
Porosity (µm)	0.22		0.45	0.22
Sterile	No	Yes	Yes	No
Units/bag	25 tubes + inserts	24 tubes + inserts	24 tubes + inserts	100 tubes + inserts
Part no.	007856ACL	007857ACL	007859ACL	007860ACL
€/ bag	N/A -	N/A -	N/A -	N/A -

ClearSpin insert only without tube or membrane

Part no.	Designation	Units/ bag	€/ bag
007862CL	ClearSpin insert only without tube or membrane	1000	N/A -

Master Mix 2X PCR Owi Taq Ready To Load

- For standard PCR and direct colony PCR (genotyping)
- Compatible with a wide range of substrates: Purified DNA, cDNA, crude extracts, bacterial colonies or liquid cultures
- High tolerance to PCR inhibitors, effective even on complex matrices rich in GC content
- Rapid extension: 5 s/kb
- 6X greater fidelity than a standard Taq polymerase
- Amplification up to 10 kb from complex genomic DNA and up to 20 kb from simple DNA (lambda)
- Ready-to-use master mix: only the template, primers, and water need to be added
- Dye included for direct deposition on gel after PCR
- Contains: Owi Taq DNA polymerase, dNTPs, $MgCl_2$, KCl, Tris-HCl buffer pH 8.5, stabilising agents and loading dye

Part no.	Designation	€
258504	Master Mix PCR Owi Taq Ready to Load, 40 reactions of 50 µl	N/A -
258505	Master Mix PCR Owi Taq Ready to Load, 200 reactions of 50 µl	N/A -
258506	Master Mix PCR Owi Taq Ready to Load, 1000 reactions of 50 µl	N/A -

Master Mix 2X Owi Taq Hot Start Ready To Load

- For the detection of low-abundance targets, screening, multiplexing, and direct PCR on colonies
- Enzyme inactivated at room temperature, activated at 95°C for 15 minutes
- Possible incorporation of dUTP
- High specificity and sensitivity, for high yield even with GC- or AT-rich sequences
- Amplification possible up to 5 kb
- Ready-to-use master mix: only the template, primers, and water need to be added
- Dye included for migration tracking and direct deposition on agarose or SDS gel after PCR
- Contains: Owi Taq HS polymerase, dNTPs (0.4 mM), MgCl2 (final concentration 1.5 mM), Tris-HCl buffer pH 8.5, (NH4)2SO4, 3.0 mM MgCl2, 0.2% Tween 20, inert blue dye and stabilizer

Part no.	Designation	€
258507	Master Mix PCR Owi Taq Hot Start Ready to Load, 20 reactions of 50 µl	N/A -
258508	Master Mix PCR Owi Taq Hot Start Ready to Load, 100 reactions of 50 µl	N/A -
258509	Master Mix PCR Owi Taq Hot Start Ready to Load, 500 reactions of 50 µl	N/A -
258510	Master Mix PCR Owi Taq Hot Start Ready to Load, 1000 reactions of 50 µl	N/A -

Master Mix 2X qPCR Owi Green Fast



- Optimised for quantitative PCR with dye detection
- Compatible with all qPCR instruments, with or without ROX (separate tubes provided)
- High sensitivity and precision for reliable and reproducible results, including from complex templates
- Master mix ready to use, addition of matrix, primers and water only
- Contains: Taq DNA polymerase (Owi), Mg^{2+}, dNTPs, Owi Green dye, buffer and stabilizers

Part no.	Designation	€
258493	Master Mix qPCR Owi Green Fast 1 ml	N/A -
258494	Master Mix qPCR Owi Green Fast 5 ml	N/A -
258495	Master Mix qPCR Owi Green Fast 5 x 5 ml	N/A -

Owi Script Reverse Transcriptase UltraMix with gDNA CleanUp and Oligo(dt)

- Rapid and efficient cDNA synthesis, suitable for detection by two-step RT-qPCR
- All-in-One Kit: Genomic DNA elimination and reverse transcription
- Reverse transcriptase with reduced RNase H activity and improved thermal stability
- Reaction temperature up to 55 °C allowing for increased transcription efficiency
- High specificity and yield even from complex matrices
- cDNA directly compatible with qPCR, with dye or probe detection
- Ready-to-use master mix, only add RNA template and water
- Contains: Owi Script RT UltraMix 5X (RT, RNase inhibitor, Oligo(dT), random primers, dNTPs, $MgCl_2$), gDNA CleanUp UltraMix 20X, DNase/RNase-free water



Part no.	Designation	€
258497	Ultra Mix Owi Script RT with gDNA cleanup for qPCR, 100 reactions	N/A -
258496	Ultra Mix Owi Script RT with gDNA CleanUp for qPCR, 20 reactions	N/A -

dNTPs Mix OwiBio

- Ready to use
- 40 mM (10 mM of dATP, dCTP, dGTP and dTTP)
- Purity ≥ 99% (HPLC)
- Exempt from endonuclease, exonuclease, ribonuclease, phosphatase, and nicking activities

Part no.	Designation	€
258511	40 mM dNTP Mix (10 mM each), 1 ml	N/A -

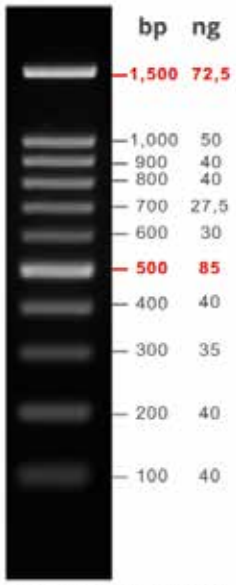
Master Mix 2X high fidelity AptaFi Hot Start

- For demanding applications: site-directed mutagenesis, cloning, genome editing, multiplex PCR, NGS library preparation
- High-fidelity DNA polymerase, 100× more accurate than a standard Taq polymerase
- Inactivated at room temperature, activation at 95°C for 1 min
- Aptamer Hot Start technology: rapid and reversible activation, maximised yield and specificity
- Rapid extension: 10–30 s/kb
- Amplification up to 17 kb, even from complex templates
- Ready-to-use master mix: only add matrix, primers, and water
- Contains: AptaFi HS DNA polymerase, 6 mM $MgCl_2$, 2 mM dNTPs, stabilisers, activators, and loading dyes

Part no.	Designation	€
258513	Owi AptaFi Hot Start PCR Master Mix, 20 reactions	N/A -
258514	Owi AptaFi Hot Start PCR Master Mix, 100 reactions	N/A -
258515	Owi AptaFi Hot Start PCR Master Mix, 500 reactions	N/A -

DNA ladder 100bp

Part no.	258501
€	N/A -
Size of fragments	From 100 to 1500 bp
No. of fragments	11
Double intensity fragments	2
Concentration	100 µg/ml
Quantity / Volume	50 µg / 500 µl
Vol. to be used/wells	5 µl (100 wells/tubes)
Ready to use (including detection dyes)	Yes
Type of dye	Orange G and Xylene Cyanol FF (+ 400 µl of 6X loading buffer included)



5 µl loading (500 ng)
Agarose gel 1.7%TAE

View prices on our website

Agarose Low EEO Clearline Ozyme

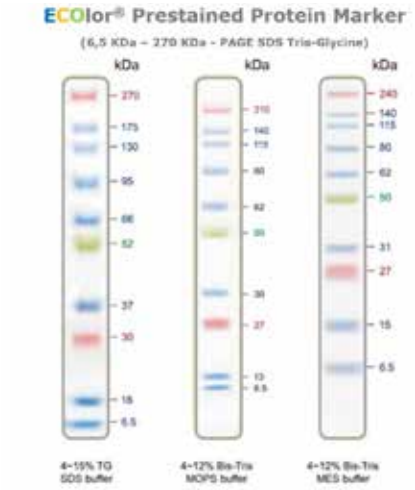
DNase RNase



- Low electroendosmosis (low EEO) agarose
- Ideal for all common electrophoresis applications (analytical and preparative)
- Fine resolution of DNA
- DNase/RNase free

EEO	0.05 - 0.13
Gel strength (g/cm2)	≥ 1200 (1 %) / ≥ 2500 (1,5 %)
Gelling temperature (°C)	36 ± 1.5 °C (1,5 %)
Melting temperature (°C)	88 ± 1.5 °C (1,5 %)
Packaging	500 g
Part no.	**258475**
€	**N/A -**

Pre-stained protein marker Owi ECOlor ladder



- Migration range: 6.5 to 270 kDa
- Ready to use, loading buffer included
- Tricolour: 10 strips of 3 different colours
- Stable for 2 weeks at room temperature
- Quantity sufficient for 10 deposits (258502) or 200 deposits (258503)

Part no.	Designation	€
258502	Pre-stained protein marker Owi ECOlor ladder 25 µl	**N/A -**
258503	Pre-stained protein marker Owi ECOlor ladder 500 µl	**N/A -**

ClearLine® SolidFrame bi-component PCR plates

DNase RNase · Human DNA · Nuclease



- High quality plates for all PCR and qPCR applications
- Rigid polycarbonate frame
- Plate rigidity prevents deformation by temperature and the risk of evaporation due to loss of sealing with the film
- Ideal for robot handling
- Ultra-thin walled blank medical grade polypropylene wells for optimum temperature transfer
- HS (high sensitivity) white well model for improved detection of low abundance targets

96-well plates

Frame colour	Well colour	Skirt	Style	Compa-tibility	Part no.	€
Standard profile (0.2 ml)						
Natural	Natural	Half-skirted	ABI	5	**257301**	**N/A -**
Natural	White	Half-skirted	ABI		**257302**	**N/A -**
Natural	Natural	Half-skirted	Universal	3	**257298**	**N/A -**
Natural	White	Half-skirted	Universal		**257299**	**N/A -**
Natural	High sensitivity white	Half-skirted	Universal		**257300**	**N/A -**
Low profile (0.1 ml)						
White	White	Half-skirted	Roche	6	**257311**	**N/A -**
White	White highly sensitive	Half-skirted	Roche		**257312**	**N/A -**
Natural	Natural	Half-skirted	Roche		**257296**	**N/A -**
Natural	White	Half-skirted	Roche		**257297**	**N/A -**
White	Natural	Skirted	Standard	8	**257308**	**N/A -**
White	White	Skirted	Standard		**257309**	**N/A -**
White	White highly sensitive	Skirted	Standard		**257310**	**N/A -**
Black	Natural	Skirted	Standard		**257303**	**N/A -**
Black	White	Skirted	Standard		**257304**	**N/A -**
Black	White high sensitivity	Skirted	Standard		**257305**	**N/A -**

384-well plates

Frame colour	Well colour	Skirt	Compa-tibility	Part no.	€
Black	Natural	Skirted	9	**257306**	**N/A -**
Black	White	Skirted		**257307**	**N/A -**
White	White	Skirted	10	**257313**	**N/A -**

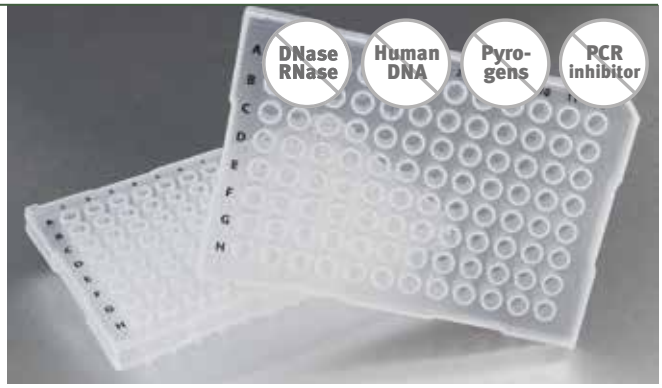
more info on our website

See at the end of chapter, the table of compatibilities for plates

ClearLine® PCR plates

- 96-well plates
- Natural colour
- Alphanumeric index printed in black

Part no.	Compa-tibility	Skirt	Work volume	Format	Other features	Units/ box	€/ box
257047	1	Without skirt	200 µl	Universal	Flange around each well for easy sealing	100	N/A -
257048	8	Skirted	100 µl	Universal	For low profile block, CFX96 compatible	100	N/A -
257049	4	Half-skirted	200 µl	Universal / ABI	With plate flanges for alignment with purification plates	100	N/A -



ThermalSeal® RTS™ ClearLine® films

Applications: qPCR, long-term storage, crystallography and HLPC

- Made of 50.8 µm polyofiln
- Operating temperature: -80 °C to +105 °C
- For all types of plates
- Dimensions without tab: 116.2 x 78.3 mm
- With two detachable tabs (except roll film)
- Optically clear, low autofluorescence
- Good chemical resistance
- Silicone adhesive is released only when pressure is applied for a perfect adhesion without interference with the sample

Part no.	Designation	Units/box	€/ box
765246	ThermalSeal® RTS™ ClearLine® film	100	N/A -
765279	ThermalSeal® RTS™ ClearLine® film	25	N/A -
765265	ThermalSeal® RTS™ ClearLine® sterile film	100	N/A -
765249	ThermalSeal® RTS™ ClearLine® film in 65 m rolls	1	N/A -



Accessory

Part no.	Designation	€
760233	Applicator	N/A -



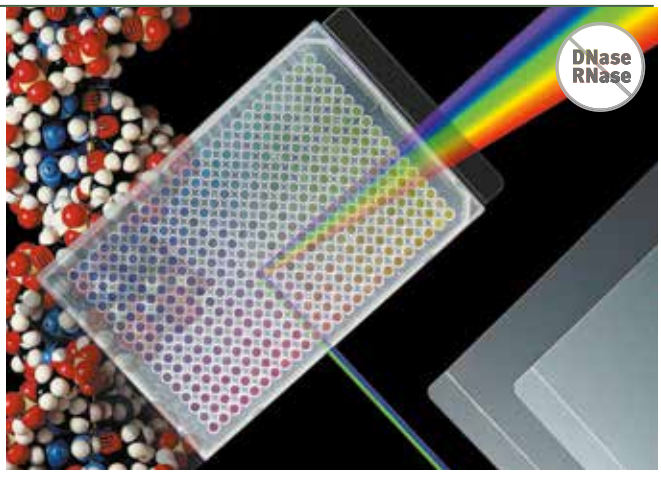
ThermalSeal® RT2™ and RT2RR™ ClearLine® Films

Application: qPCR

- Made of 50.8 µm polyester
- Operating temperature: -40 °C to +120 °C
- With two detachable tabs
- Optically clear, low autofluorescence
- High optical quality films with excellent adhesion

Part no.	Designation	Dimensions (mm)	Units/ box	€/ box
760236	ThermalSeal® RT2RR™ ClearLine® sealing film for all plate types	118.1 x 77.8	100	N/A -
760208	ClearLine® ThermalSeal® RT2™ film for skirted or half-skirted plates	121.9 x 79.4	100	N/A -

more info on our website

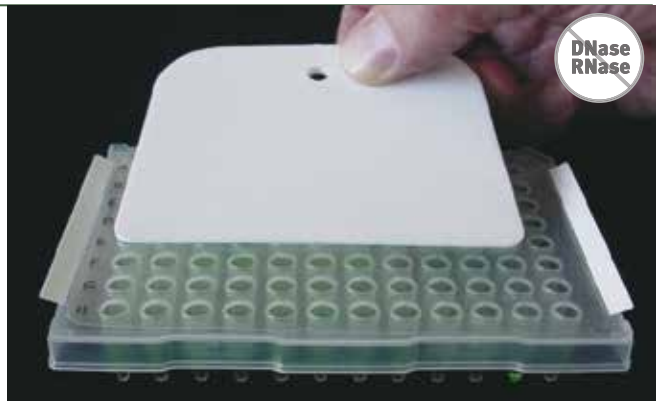


ThermalSeal® A™ and ThermalSeal® 2™ ClearLine® Films

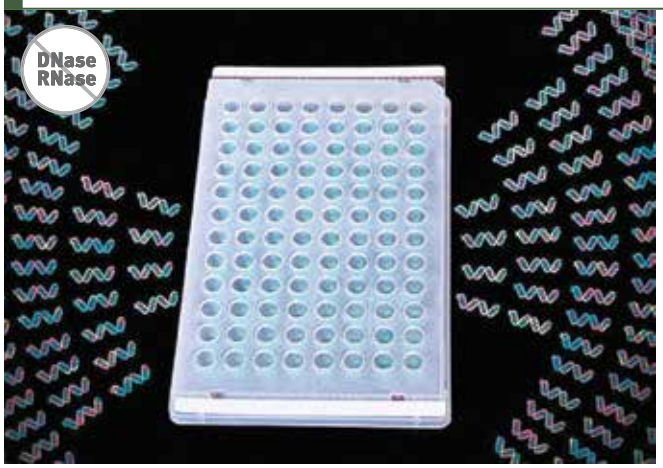
Applications: PCR

- Made of 50.8 µm polyester
- Operating temperature: -40 °C to 120 °C
- With two detachable tabs
- Transparent
- Strong adhesive to minimise evaporation

Part no.	Designation	Dim. (mm)	Units/box	€/ box
760229	ThermalSeal® A™ ClearLine® Film for non-skirted plates	118.1 x 78.3	100	N/A -
765264	ClearLine® ThermalSeal® 2 ™ film for skirted or half-skirted plates	125.1 x 79.4	100	N/A -



ThermalSeal® ClearLine® films



Applications: PCR

- Made of 50.8 µm polypropylene
- Operating temperature: -40 °C to 120 °C
- For rigid polypropylene plates
- Dimensions without tab: 123.1 x 79.4 mm
- With two detachable tabs
- Transparent
- Easy to remove

Part no.	Designation	Units/box	€/ box
760206	ThermalSeal® ClearLine® film	100	**N/A -**
760207	ThermalSeal® ClearLine® sterile film	100	**N/A -**

EXTReme™ Seal ClearLine® films

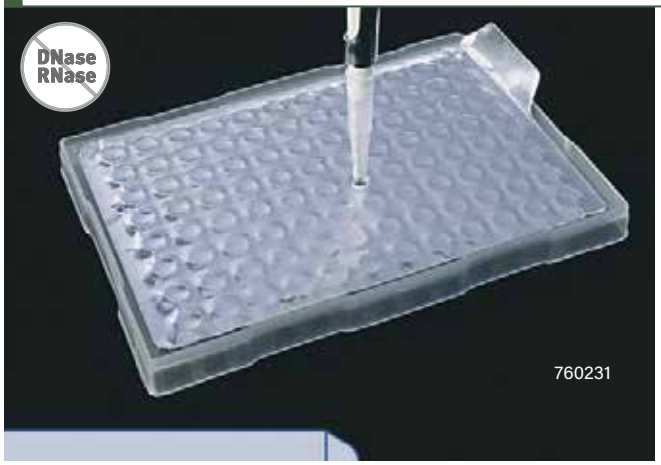


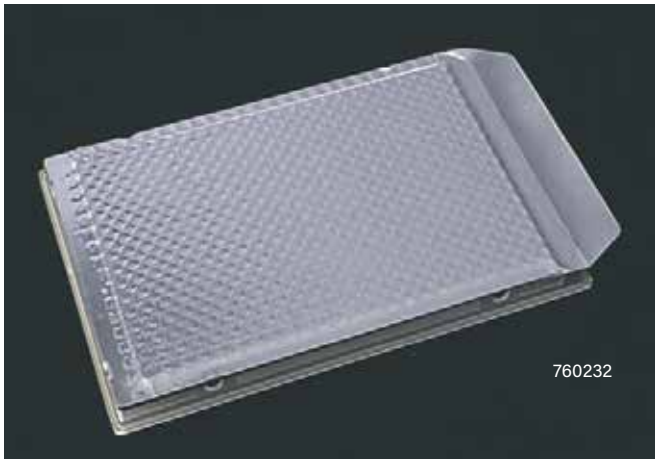
Applications: PCR

- Made of 50.8 µm polyester
- Operating temperature: -20 °C to 120 °C
- With two detachable tabs
- Transparent
- Strong adhesive to minimise evaporation
- Do not leave residues

Part no.	Designation	Dim. (mm)	Units/box	€/ box
765267	eXTReme™ Seal ClearLine® film for unskirted plate	118.1 x 78.3	100	**N/A -**
765276	eXTReme™ Seal Large ClearLine® film for half-skirted and skirted plate	121.9 x 81.5	100	**N/A -**

ClearLine®AlumaSeal 96® and AlumaSeal 384® films





Applications: PCR, long-term storage

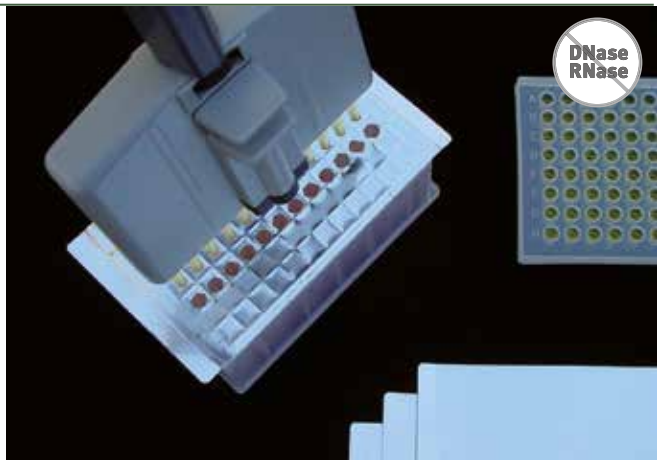
- 38.1 µm aluminium
- Operating temperature: -80 °C to +120 °C
- With a tab
- Drillable
- Opaque
- Reinforced sealing for 96-well plates

Part no.	Designation	Dimensions (mm)	Units/ box	€/ box
760231	ClearLine® AlumaSeal 96® film for 96-well plate, non-skirted	117.5 x 77.8	100	**N/A -**
760232	ClearLine® AlumaSeal 384® film for 384-well plate or Deepwell	123.8 x 82.6	100	**N/A -**

Film AlumaSeal II® ClearLine®

Applications: PCR, long-term storage

- 35.6 µm aluminium
- Operating temperature: -80°C to +120 °C
- Universal
- Dimensions without tab: 125.4 x 82.6 mm
- With two detachable tabs
- Good chemical resistance
- Drillable
- Opaque
- Do not fold back on themselves

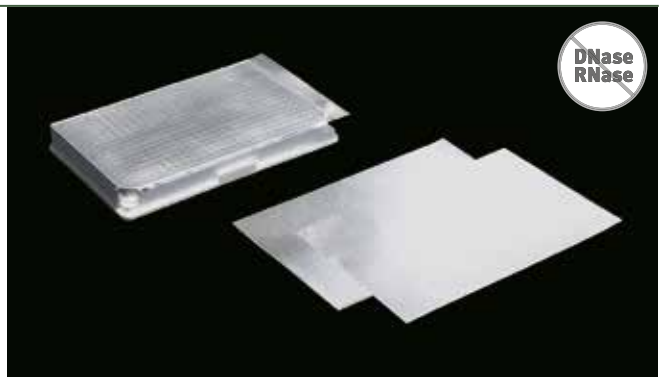


Part no.	Designation	Units/ box	€/ box
760212	AlumaSeal II® ClearLine® film	100	**N/A -**
760213	AlumaSeal II® ClearLine® sterile film	50	**N/A -**
765248	AlumaSeal II ® ClearLine® film in rolls of 100 m	1	**N/A -**

Adhesive film for freezing Alumaseal CS™ ClearLine®

Application: cold storage of microplates.

- Dimensions: 82.6 x 132.6 mm
- Length without tabs: 123.04 mm
- Withstands down to -80°C



Part no.	Designation	Units/ bag	Units/ box	€/ box
760243	AlumaSeal™ CSfilm	100	100	**N/A -**
760244	AlumaSeal™ CS Sterilefilm	25	50	**N/A -**

Film eXTRreme™ FoilSeal™ pour PCR ClearLine®

Applications: PCR, long term storage, light sensitive experiments and robotic applications.

- Universal aluminium waterproof film
- Thickness 48 µm
- Dimensions: 78.3 x 129 mm
- Length without tabs: 118.1 mm
- Excellent chemical resistance (including DMSO)
- Temperature: -80 °C to +120 °C
- Drillable with pipette tips and robotic tips
- Removes without leaving a residue
- Single film with one detachable tab, roll film with two detachable placing tabs (width 10 mm)





765266



765270

Part no.	Designation	Dim. (mm)	Units/ box	€/ box
765266	Film eXTRremeTM FoilSealTM for PCR	78.3 x 129	100	**N/A -**
765270	Film roll eXTRemeTM FoilSealTM for PCR	78.3 x 139	500	**N/A -**

ClearLine® PCR tube strips

- Easy to cut into individual tubes
- Extra-thin wall
- Total volume: 0.3 ml (standard profile)
- Cap strips compatible with ClearLine® PCR plates

DNase RNase · Human DNA · Pyro-gens · PCR inhibitor



Part no.	Designation	Units/ box	€/ box
257052	Strip of 8 PCR tubes	250 x 8	**N/A -**
257051	Barrette of 8 optical flat caps	250 x 8	**N/A -**
257046	Strip of 8 PCR tubes with domed cap	250 x 8	**N/A -**
257054	Strip of 8 PCR tubes with flat cap	250 x 8	**N/A -**
257053	Strip of 8 PCR tubes with flat cap	10 x 250 x 8	**N/A -**

View prices on our website

Plate–thermocycler compatibility table

		Type of plate
		Compatibility group
Brand	Block format	Model
ABI / Life technologies / Thermo Fisher scientific	96	3100, 3130XL, 3500, 3500XL, 3730, 3730XL
		7000, 7300, 7500, 7700, 7900 HT
		7900 HT
		7500, 7900, 7900HT (fast block)
		GeneAmp 2700, 2720
		GeneAmp 9600
		GeneAmp 9700
		GeneAmp 9800 (fast block)
		ProFlex
		QuantStudio 3, 5, 6, 7, 12K, ViiA7 (standard block)
		QuantStudio 3, 5, 6, 7, 12K, ViiA7 (fast block)
		SimpliAmp
		StepOne Plus
		Veriti block 96 0.2 ml
		Veriti block 96 fast 0.1 ml
	384	3100, 3130XL, 3500, 3500XL, 3730, 3730XL
		GeneAmp 9700, Veriti, Proflex, Multiblock system
		QuantStudio 5, 6, 7, 12K, ViiA7, 7900 HT FAST
		Veriti 384-well
Agilent	96	AriaMx qPCR System
		Mx3000P, Mx3005P
		Mx4000
		Robocycler Gradient (Stratagen)
		Surecycler 8800
	384	Surecycler 8800
Analytic Jena / Biometra	96	Flexcycler2, T1 Thermocycler, T Gradient, T One, T Advanced, T Professional series, T robot 96, SpeedCycler2 SP, SPR
		qTOWER3 (G, touch), Toptical
	384	Flexcycler2, T1 Thermocycler, Tadvanced, TProfessional, Trobot, Qtower
Axygen	96	MaxyGene II
Benchmark	96	TC9639
Bioer	96	GeneExplorer 96
		GeneTouch 96
		LifeEo
		Lifetouch
		Quantgene 9600
	384	GeneTouch 384
Bio-Rad / MJ research	96	C1000, C1000 Touch, S1000
		CFX Connect, CFX96, CFX96 Touch
		CFX96 Touch Deep Well
		Chromo4
		DNA Engine Opticon and Opticon 2
		DNA Engine, DNA Engine Tetrad, Tetrad 2, DNA Engine Dyad, Dyad Disciple
		iCycler
		MyCycler
		MyiQ, iCycler, IQ, IQ 4, IQ 5
		Personal, PTC100, 200, 220, 221, 225, 240
		T100
	384	C1000, C1000 Touch, S1000
		CFX384, CFX384 Touch
		DNA Engine, Tetrad, Tetrad 2, Dyad, Dyad Disciple
		PTC200, 220, 221, 225, 240
Blue-ray	96	TurboCycler 2
		TurboCycler lite
		TurboQ
Eppendorf	96	MasterCycler Pro, Pro S, nexus, nexus gradient, nexus SX1, nexus GSX1
		Mastercycler X50
	384	MasterCycler ep 384 / Pro 384
Roche	96	LC96, LC480
	384	Roche384
Sansure	96	SLAN-96S
Sensoquest	96	Labcycler aluminium block 96 wells
		Labcycler silver block 96 wells
	384	Labcycler block 384
Takara	96	Dice touch, Gradient
Techne	96	Prime, PrimeG, Prime Elite, Prime Elite Satellite, PCRmax Alpha cycler 1, 2, 4
		TC-412
		TC-512, Genius, Genius Quad, Touchgene, Touchgene Gradient, Flexigene
		TC-PLUS
	384	PCRmax Alpha cycler 1, 2, 4
		Prime, PrimeG, Prime Elite, Prime Elite Satellite
		TC412, TC512, Genius, Genius Quad, Flexigene

Non-skirted standard profile	Semi-skirted standard profile			Skirted low profile	Skirted 384 wells	
Universal type	Universal type	Abi type with raised edges	Abi type	Universal type	Universal type	Roche type
1	3	4	5	8	9	10
x		x	x			
x		x	x			
x		x	x			
x	x	x	x			
x	x	x	x			
x	x	x	x			
	x	x	x			
	x	x	x			
	x	x	x			
	x	x	x			
					x	
					x	
					x	
					x	
x	x		x			
			x			
	x			x		
x	x					
					x	
x	x		x	x		
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					x	
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x						
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					x	
x	x		x	x		
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x	x		x	x		
					x	
						x
x	x		x			
x	x		x	x		
x	x		x	x		
					x	
	x		x			
	x		x			
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x	x			x		
					x	
					x	
					x	

ClearLine® Petri dishes

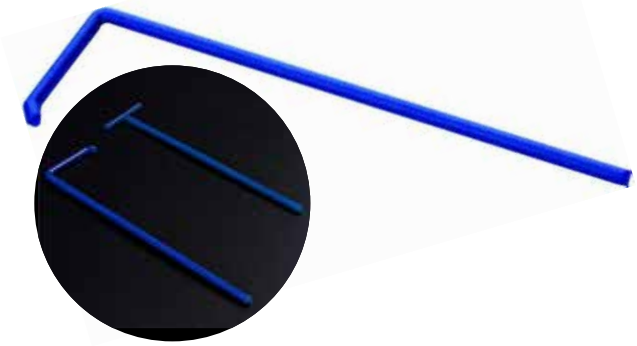


- Made of crystal polystyrene, superior clarity
- Manufactured under ISO Class 7 conditions
- Available as aseptic or sterile (E-Beam irradiated, 10 kGy)

				Aseptic		E-Beam Irradiated	
Dimensions* (mm)	Vents	Units/ bag	Units/ box	Part no.	€/ box	Part no.	€/ box
55 x 14 (Ø x H)	Without	15	1200	**076059**	**N/A -**	**076059S**	**N/A -**
55 x 14 (Ø x H)	3	15	1200	**076058**	**N/A -**	**076058S**	**N/A -**
90 x 13 (Ø x H)	Without	20	500	**020006B**	**N/A -**	**020006BS**	**N/A -**
90 x 13 (Ø x H)	3	20	500	**076084E**	**N/A -**	**076084ES**	**N/A -**
90 x13 (Ø x H)	3	20	500	**076064****	**N/A -**	**076067****	**N/A -**
90 x13 (Ø x H)	3	30	750	**076069**	**N/A -**	**-**	**-**
120 x 120 x 15 (W x L x H)	4	10	240	**076063**	**N/A -**	**076063S**	**N/A -**
140 x 13 (Ø x H)	4	15	165	**076060B**	**N/A -**	**076060SD**	**N/A -**

* General dimensions, please refer to the technical data sheets on our website for more detailed information. ** 2 overpouches

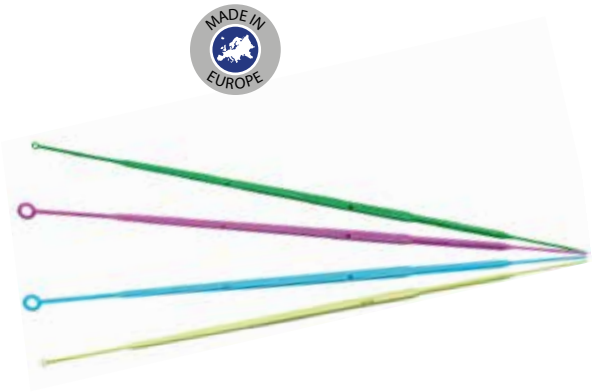
Clearline spreaders



- Single use
- L-shaped with curved end or T
- In ABS
- Smooth surface
- Individually packaged, in sets of 5 or 10
- Sterile (ethylene oxide)

	L shapre			T-shape		
Length (mm)	149.6			149.6		
Width (mm)	39.8			39.8		
Colour	Blue			Blue		
Units/ bag	1	5	10	1	5	10
Box	200	500	500	200	500	500
Part no.	**395124**	**395126**	**395125**	**395127**	**395129**	**395128**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Rigid or flexible seeding devices



- Single use
- Sterile
- Manufactured in polystyrene for rigid itemsand in polypropylene for flexible items
- A sugar moiety on one side and a needle on the other
- Easy-to-open sachet
- Length 195 mm
- Rigid inoculator color: 1 µL green. 10 µL, purple
- Flexible seeder color: 1 µL light green; 10 µL light blue

Packaging unit		1	5	10	10	20	20
Units/box		2100	4000	2000	12000	2000	10000
Hard	1 µl	**390226**	**390227**	**390225A**	**390225**	**390224A**	**390224**
	€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
	10 µl	**390225**	**390223**	**390221A**	**390221**	**390220A**	**390220**
	€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Flexible	1 µl	**390234**	**390235**	**390233A**	**390233**	**390232A**	**390232**
	€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
	10 µl	**390230**	**390231**	**390229A**	**390229**	**390228A**	**390228**
	€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Single-use spectrophotometer cuvettes ClearLine®



Single-use cuvettes, in two types of materials:
polystyrene (PS): wavelength 340 to 900 nm ;
PMMA: wavelength 300 to 900 nm.

- 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

100% solar power
Optimized cardboard packaging
Manufactured in Italy

Biosigma graduated transfer pipettes

- Made of polyethylene
- Sterile or not - peelable packaging for sterile models
- Economic

Model	Rod vol. : 1 mL	Rod vol. : 3 mL
Bulb vol. (ml)	4.5	4.2
Length (mm)	145	155
Graduation (ml)	0.25	0.5
In bulk	**390509**	**390512**
Units/bag	500	500
€/ bag	**N/A -**	**N/A -**
Steriles/5	**390510**	**390513**
Units/box	1000	1000
€/ box	**N/A -**	**N/A -**
Sterile/1	**390511**	**390514**
Units/box	1000	1000
€/ box	**N/A -**	**N/A -**



Clearline pH paper

- Impregnated with one or more indicator solutions
- Fast playback

	Value											
0 - 10	0	1	2	3	4	5	6	7	8	9	10	
0.5 - 5.5	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	
1 - 11	1	2	3	4	5	6	7	8	9	10	11	
1 - 14	1	2	3	4	5	6	7	8	9	10	12	14
3.8 - 5.4	3.8	4.1	4.4	4.6	4.8	5.1	5.4					
4.0 - 7.0	4	4.5	5	5.5	6	6.5	7					
5.5 - 9.0	5.5	6	6.5	7	7.5	8	8.5	9				
6.4 - 8.0	6.4	6.7	7	7.2	7.5	7.7	8					
6.5 - 10	6.5	7	7.5	8	8.5	9	9.5	10				
9.5 - 13	9.5	10	10.5	11	11.5	12	12.5	13				

Range	5 m roll	Refill of roll x3	Book of 100 strips	Flask of 200 strips
0 - 10	**258287**	**258297**	**258304**	**258312**
0.5 - 5.5	**258288**	**258298**	**258305**	**258313**
1 - 11	**258289**	**258299**	**258306**	**258314**
1 - 14	**258290**	**258300**	**258307**	**258315**
3.8 - 5.4	**258291**	-	**258308**	**258316**
4.0 - 7.0	**258292**	-	-	**258317**
5.5 - 9.0	**258293**	**258301**	**258309**	**258317**
6.4 - 8.0	**258294**	**258302**	**258310**	**258318**
6.5 - 10	**258295**	-	-	-
9.5 - 13	**258296**	**258303**	**258311**	**258319**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**



ClearLine® pH paper

On a roll

Part no.	Designation	Dimensions L x W	Units/ box	€/ box
442401	PH paper 1 - 14 + dispenser	7 mm x 5 m	1 roll + dispenser	**N/A -**
442402	PH paper refill 1 - 14	7 mm x 5 m	3 roll	**N/A -**

In strips

- Non-migrant identification area
- 4 coloured areas on each strip

Part no.	Designation	Units/ box	€/ box
442400	Paper pH 0 - 14	100 strips	**N/A -**
442403	pH Paper 4 -10	100 strips	**N/A -**



ClearLine® Strips

ClearLine

Semi-quantitative analysis in water

Part no.	Parameter	Range	Units/ box	€/ box
442449	Ammonium	0 - 10 - 25 - 50 - 100 - 200 - 400 mg/L NH_4+	100	N/A -
442415	Ascorbic acid	0 - 50 - 100 - 200 - 300 - 500 - 700 - 1000 - 2000 mg/l	100	N/A -
442409	Peracetic acid	0 - 5 - 10 - 20 - 30 - 50 mg/l	100	N/A -
442410	Peracetic acid	0 - 100 - 150 - 200 - 250 - 300 - 400 - 500 mg/l	100	N/A -
442422	Peracetic acid	0 - 50 -1000 - 1500 - 2000 mg/l	100	N/A -
442405	Chlorine	0 - 0,5 - 1 - 3 - 5 mg/L Cl_2	100	N/A -
442416	Chlorine	0 - 1 - 3 - 5 - 10 - 20 mg/L Cl_2	100	N/A -
442406	Chlorine	0 - 25 - 50 - 100 - 200 - 300 mg/L Cl_2	100	N/A -
442407	Chlorine	0 - 50 - 100 - 250 - 500 - 1000 mg/l	100	N/A -
442421	Total hardness	3 - 4 - 7 - 14 - 21°d	100	N/A -
442413	Nitrate 500	0 - 10 - 25 - 50 - 100 - 250 - 500 mg/l	100	N/A -
442412	Nitrite 25	0 - 0.5 - 1 - 5 - 10 - 25 mg/l	100	N/A -
442417	Nitrite 80	0 - 2 - 5 - 10 - 20 - 40 - 80 mg/l	100	N/A -
442418	Peroxide 25	0 - 0,5 - 2 - 5 - 10 -25 mg/l	100	N/A -
442408	Peroxide 100	0 - 1 - 3 - 10 - 30 - 100 mg/l	100	N/A -
442419	Peroxide 1000	0 - 100 - 200 - 400 - 600 - 800 - 1000 mg/l	100	N/A -
442450	Phosphate	0 - 3 - 10 - 25 - 50 - 100 mg/l	100	N/A -
442404	QAC	0 - 100 - 200 - 300 - 400 mg/l	100	N/A -
442411	Sulphite 500	10 - 50 - 100 - 250 - 500 mg/l	100	N/A -



442415 | 442416 | 442416 (bis) | 442417 | 442418 | 442418 (bis) | 442411 | 442411 (bis)

Sterile distilled water

Used for dilutions or for preparation of bacterial suspensions.

Storage 2 - 25 °C

Maximum conductivity 10 µS/cm

Part no.	Designation	Cond.	€
693312	9 ml tube sterile distilled water - ClearLine®	100	N/A -
693310	10 ml tube sterile distilled water - ClearLine®	100	N/A -
693320	100 mL sterile distilled water bottle - ClearLine®	10	N/A -

Sterile physiological saline (0.85%)

Isotonic diluent for dilution procedures or the preparation of bacterial suspensions.

Storage: 2 - 25 °C

Part no.	Designation	Cond.	€
693462	2 ml sterile physiological water (0.85%) tube - ClearLine®	6	N/A -
339013	Sterile 7 mL tube of physiological saline (0.85%)	20	N/A -
693313	9 ml sterile physiological water (0.85%) tube - ClearLine®	100	N/A -
693311	10 ml sterile physiological water (0.85%) tube - ClearLine®	100	N/A -

Letheen (broth)

Used in the cosmetics industry to neutralize the action of preservatives prior to microbiological examination or to determine the bactericidal activity of quaternary ammonium compounds.

Storage: 2 - 8 °C

Part no.	Designation	Cond.	€
693430	9 ml tube Letheen broth - ClearLine®	100	N/A -
693411	10 ml tube Letheen broth - ClearLine®	100	N/A -
693336	55 ml bottle Letheen broth - ClearLine®	10	N/A -
693323	100 ml bottle Letheen broth - ClearLine®	10	N/A -

Neutralizer

The neutralizer mixture is added to the pre-enrichment medium whenever the presence of disinfectant solution is known or suspected. As a general rule, this mixture should be used at a rate of 10% of the final volume of the pre-enrichment medium.

Storage 15 - 25 °C in the dark

Formula in g/l			
Disodium phosphate	100.8	L-Histidine HCL	1
Sodium thiosulphate	7.8	Tween 80	30
Lecithin	3	Distilled water	857.4

Part no.	Designation	Units/box	€/ box
693345	Neutralizer ClearLine® - 12.5 ml tube	6	N/A -
693346	Neutralizer ClearLine® - 12.5 ml tube	100	N/A -
693347	Neutralizer ClearLine® - 25 ml tube	6	N/A -
693422	Neutralizer ClearLine® - 25 ml tube	100	N/A -
693330	ClearLine® neutralizer - 100 mL bottle	10	N/A -

Ringer

Thinner for general use in the dairy industry.

Storage: 20 - 25 °C

Part no.	Designation	Units/box	€/ box
693433	ClearLine® 1/4 Ringer's solution - 9 mL tube	100	N/A -
693348	Solution for 1/4 Ringer ClearLine® - Bottle 90 ml	10	N/A -

Coverslips

- Particularly recommended for the analysis of blood, urine, tissue samples and other biological fluids, diagnostic in vitro.
- Thickness: 0.13 - 0.17 mm
- Clear glass

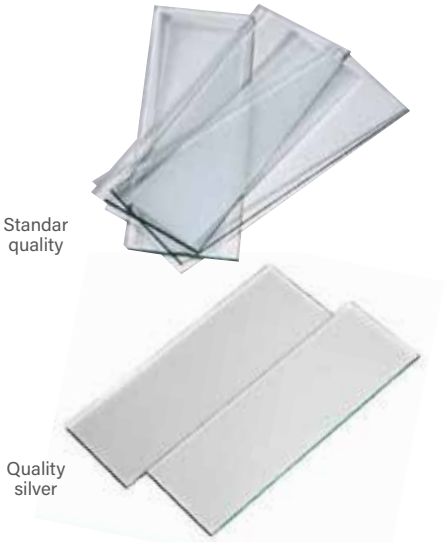
Part no.	Dimensions (mm)	Units/ box	€/ box
390989	18 x 18	2000	N/A -
390990	20 x 20	2000	N/A -
390991	22 x 22	2000	N/A -
390992	24 x 24	2000	N/A -
390993	24 x 32	1000	N/A -
390994	24 x 40	1000	N/A -
390995	24 x 50	1000	N/A -
390996	24 x 60	1000	N/A -



Microscope slides, large packaging

- Particularly recommended for the analysis of blood, urine, tissue samples and other biological fluids, diagnostic in vitro.
- Dimension: 26 x 76 x 1-1.2 mm
- Thickness: 1,1 ± 0,1 mm
- Clear glass
- Standard quality: with paper between the different slides
- Silver quality: no paper between the slides

			Standard quality		Silver quality	
Edges	2-sided frosted surface	Colour	Part no.	€ per box of 2500	Part no.	€ per box of 2500
Cut	No	-	390998	N/A -	390997	N/A -
Cut	Yes	-	395000	N/A -	390999	N/A -
Ground 45°	No	-	395002	N/A -	395001	N/A -
Ground 45°	Yes	-	-	-	395003	N/A -
Ground 45°	Yes	Orange	-	-	395004	N/A -
Ground 45°	Yes	Light blue	-	-	395005	N/A -
Ground 45°	Yes	White	-	-	395006	N/A -
Ground 45°	Yes	Yellow	-	-	395007	N/A -
Ground 45°	Yes	Pink	-	-	395008	N/A -
Ground 45°	Yes	Green	-	-	395009	N/A -

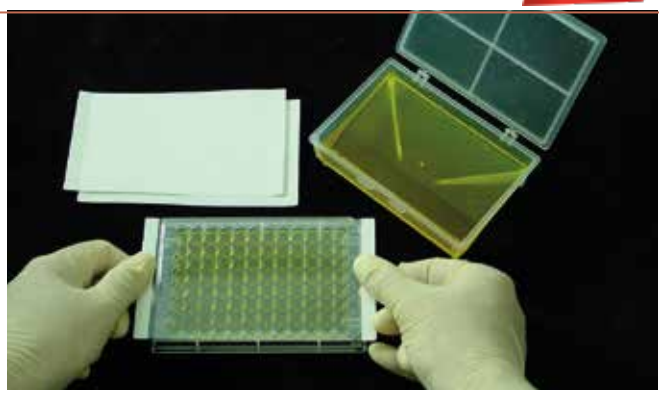


Film ThinSeal™ ClearLine®

Applications: short-term storage, incubation, ELISA

- Made of 25.4 µm polyester
- Operating temperature: -40 °C to 120 °C
- For plates without collar
- Dimensions without tab: 121.2 x 79.4 mm
- With two detachable tabs
- Transparent
- Thin films easily pierceable with a pipette tip

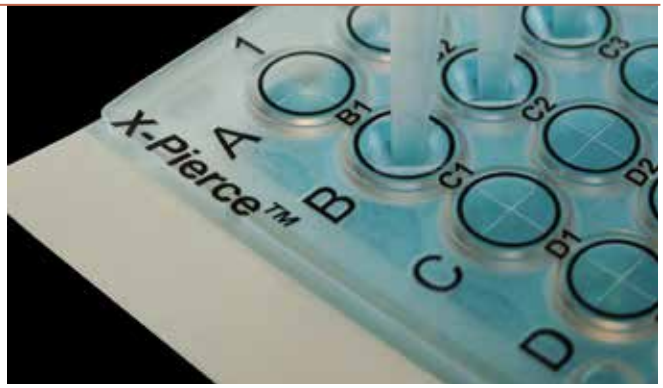
Part no.	Designation	Units/ box	€/ box
760204	Film ThinSeal™ ClearLine®	100	N/A -
760205	Film ThinSeal™ ClearLine® sterile	100	N/A -



Film X-Pierce™ ClearLine®

- Vinyl film 89 µm with 18 µm adhesive layer
- With "X" pre-cut for easier adhesive penetration using a pipette tip during sample collection
- After sampling and removal of the tip, the "X" closes and the sample is still protected from contamination
- Dimensions: 79.4 x 145.5 mm
- Operating temperature: -40 °C to +90 °C

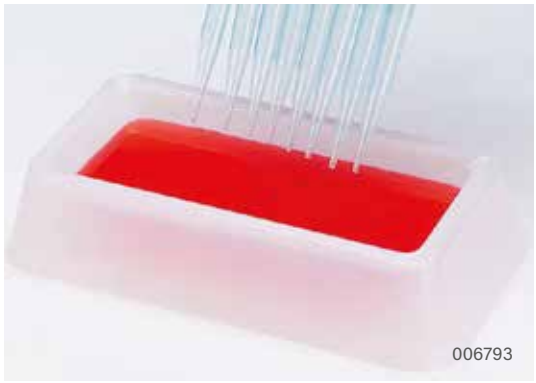
Part no.	Designation	Units/ box	€/ box
760234	Film X-Pierce™	100	N/A -
760235	Film X-Pierce™ sterile	50	N/A -



ClearLine®Reagent reservoirs







- White or translucent medical grade polystyrene
- Spouts on all 4 corners
- V-shaped bottom
- Graduations on both inner walls (accuracy +/-5%)
- Sterile tanks packed in packs of 1 or 5

DNase RNase · Pyro-gens · DNA

Standard tanks in white polystyrene

L x D x H int.(mm)	L x D x H ext.(mm)	Vol. (ml)	Non-sterile pack/100	€/box of 100	Sterile pack/1	€/box of 1	Sterile pack/5	€/box of 5
117 x 32 x 23	145 x 62 x 24	25	**097805**	**N/A -**	**097801**	**N/A -**	**097800**	**N/A -**
117 x 49 x 23	145 x 82 x 27	50	**097819**	**N/A -**	**097802**	**N/A -**	**097803**	**N/A -**
115 x 50 x 30	145 x 86 x 30	100	**097804**	**N/A -**	**087806**	**N/A -**	**087807**	**N/A -**

3-compartment sterile white polystyrene tanks

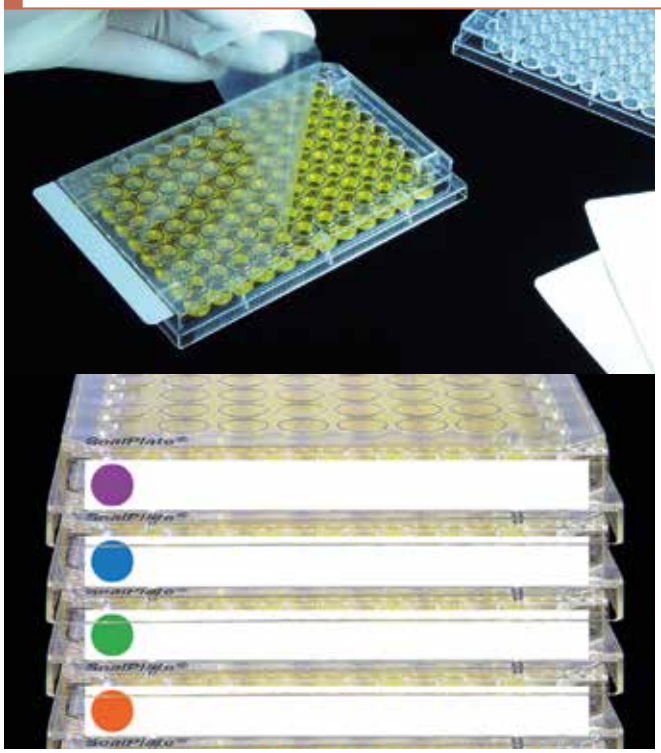
Compartment Internal size (L x D x H) = 35 x 18 x 15 mm.

L x D x H int.(mm)	L x D x H ext.(mm)	Vol. (ml)	Sterile pack/1	€/box of 1	Sterile pack/5	€/box of 5
117 x 32 x 23	145 x 62 x 24	25	**087804**	**N/A -**	**087805**	**N/A -**

L x D x H int.(mm)	L x D x H ext.(mm)	Vol. (ml)	Sterile pack/1	€/box of 1	Sterile pack/5	€/box of 5
126 x 39 x 27	149 x 69 x 27	55	**006793***	**N/A -**	**006794***	**N/A -**

* V-shaped bottom along the inside edge.

SealPlate® ClearLine® films



- Applications: short-term storage, incubation, ELISA
- Made of 50.8 µm polyester
- Operating temperature: -40 °C to 120 °C
- For plates without collar
- Dimensions without tab: 125 x 79.4 mm
- Individual film with two removable application tabs, roll film with a removable application tab
- Transparent
- Minimise evaporation
- Available with coloured spot

Part no.	Colour	Sterile	Units/ box	€/ box
760200	Natural	No	100	**N/A -**
760201	Natural	Yes	100	**N/A -**
760222	Green	No	100	**N/A -**
760223	Lavender	No	100	**N/A -**
760224	Orange	No	100	**N/A -**
760225	Red	No	100	**N/A -**
760226	Blue	No	100	**N/A -**
760227	Assorted	No	5 x 10	**N/A -**
765272	Natural	No	500*	**N/A -**

* Roll Film

Standard serological pipettes

Designed for use with electronic or manual pipettors, these pipettes enable precise liquid transfer of various volumes during laboratory manipulations.
They feature bidirectional and negative graduations, ensuring easier reading and increased accuracy during pipetting.
Equipped with a 10 mm long filter, they prevent any accidental aspiration of liquids or foreign particles, thereby protecting both the pipette user and the sample from contamination.

- Individual packaging or resealable pouches of 25 units
- Volumetric precision of ≤ 2% at full volume
- 10 mm high-quality filter
- Color coding; bidirectional and negative graduations



Individual packaging

Part no.	Volume (ml)	Negative graduation (ml)	Colour code	Ø external (mm)	Length (mm)	Units/bag	Units/ box	€/ box
258333	1	-0.4	Yellow	5.16 ± 0.05 mm	282 ±2 mm	100	1000	**N/A -**
258335	2	-0.5	Green	5.16 ± 0.05 mm	284.35 ±2 mm	100	800	**N/A -**
258337	5	-2.5	Blue	7.94 ±0.05 mm	342.2 ±2 mm	50	300	**N/A -**
258343	10	-3	Orange	9.7 ±0.05 mm	346 ±2 mm	50	200	**N/A -**
258339	25	-10	Red	14.3 ±0.10 mm	344 ±2 mm	50	200	**N/A -**
258341	50	-10	Purple	17.7 ±0.10 mm	342 ±2 mm	25	100	**N/A -**
258424	100	-	Pink	24.5 ±0.10 mm	346.2 ±2 mm	-	50	**N/A -**



Pack of 25 units

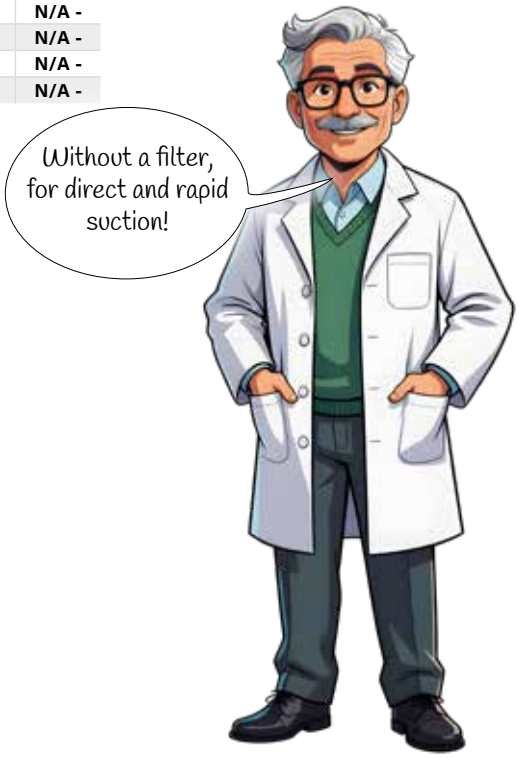
Part no.	Volume (ml)	Negative graduation (ml)	Colour code	Ø external (mm)	Length (mm)	Units/bag	Units/ box	€/ box
258334	1	-0.4	Yellow	5.16 ± 0.05 mm	282 ±2 mm	25	1000	**N/A -**
258336	2	-0.5	Green	5.16 ± 0.05 mm	284.35 ±2 mm	25	800	**N/A -**
258338	5	-2.5	Blue	7.94 ±0.05 mm	342.2 ±2 mm	25	300	**N/A -**
258344	10	-3	Orange	9.7 ±0.05 mm	346 ±2 mm	25	200	**N/A -**
258340	25	-10	Red	14.3 ±0.10 mm	344 ±2 mm	25	200	**N/A -**
258342	50	-10	Purple	17.7 ±0.10 mm	342 ±2 mm	25	100	**N/A -**
258425	100	-	Pink	24.5 ±0.10 mm	346.2 ±2 mm	25	50	**N/A -**

Suction pipettes

These ungraduated pipettes are designed for rapid suction operations that do not require precise measurement in laboratories.
They are ideal for liquid removal during centrifugation steps, buffer changes, and sample cleaning.

- Individual packaging
- Non-graduated
- Without filter for direct and rapid suction
- Ideal for supernatant removal, buffer changes, and cleaning

Part no.	Volume (ml)	Negative graduation (ml)	Colour code	Ø external (mm)	Length (mm)	Units/bag	Units/ box	€/ box
923046	1	-	-	4,6 ± 0,2 mm	270 ± 1 mm	100	1000	**N/A -**
923047	2	-	-	6,1 ± 0,2 mm	276 ± 1 mm	100	800	**N/A -**
923048	5	-	-	8 ± 0,2 mm	344 ± 1 mm	50	300	**N/A -**
923058	10	-	-	9,95 ± 0,2 mm	344 ± 1 mm	50	200	**N/A -**

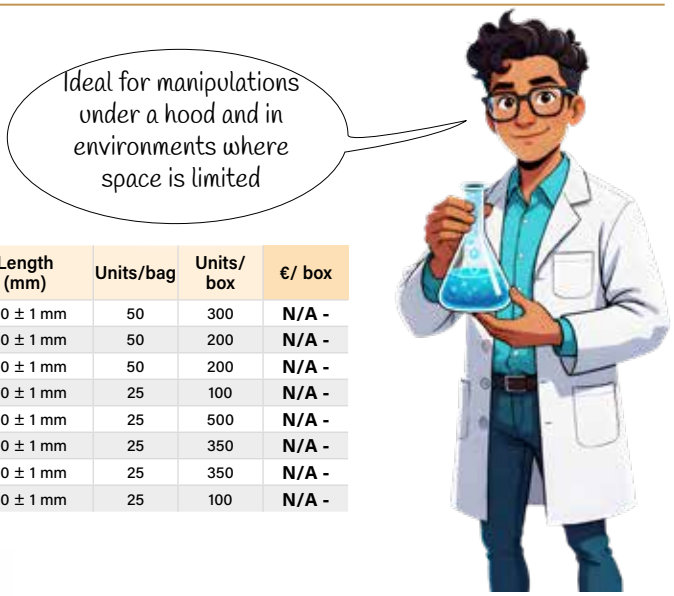


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Short pipettes

Shorter than standard models, these pipettes are designed to facilitate handling under hoods or in environments where space is limited. Their compact design reduces arm and wrist fatigue, enhancing comfort during repetitive pipetting.

- Individual or bulk packaging
- Compact design for optimized ergonomics and handling
- High-quality filter
- Color code; bidirectional and negative graduations



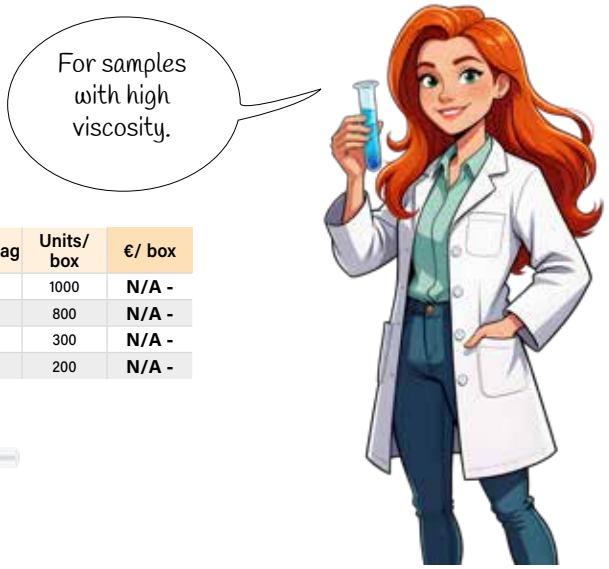
Part no.	Volume (ml)	Negative graduation (ml)	Colour code	Format	Ø external (mm)	Length (mm)	Units/bag	Units/ box	€/ box
923039	5	-2.2	Blue	Individual pack.	7,94 ± 0,05 mm	230 ± 1 mm	50	300	**N/A -**
923040	10	-9	Orange	Individual pack.	9,7 ± 0,05 mm	230 ± 1 mm	50	200	**N/A -**
923041	25	-8	Red	Individual pack.	14,3 ± 0,10 mm	230 ± 1 mm	50	200	**N/A -**
923052	50	-10	Purple	Individual pack.	17,7 ± 0,10 mm	230 ± 1 mm	25	100	**N/A -**
923042	5	-2.2	Blue	Bulk	7,94 ± 0,05 mm	230 ± 1 mm	25	500	**N/A -**
923043	10	-9	Orange	Bulk	9,7 ± 0,05 mm	230 ± 1 mm	25	350	**N/A -**
923044	25	-8	Red	Bulk	14,3 ± 0,10 mm	230 ± 1 mm	25	350	**N/A -**
923045	50	-10	Purple	Bulk	17,7 ± 0,10 mm	230 ± 1 mm	25	100	**N/A -**



Wide-opening pipettes

Equipped with an open tip, these pipettes are designed for high-viscosity samples.
They ensure fast and smooth suction and dispensing of liquids such as oils, cosmetics, or food-based solutions.

- Individual packaging
- An open tip for high-viscosity fluids
- High-quality filter
- Color code; bidirectional and negative graduations



Part no.	Volume (ml)	Negative graduation (ml)	Colour code	Ø external (mm)	Length (mm)	Units/bag	Units/ box	€/ box
923049	1	- 2	Yellow	4,6 ± 0,2 mm	276 ± 1 mm	100	1000	**N/A -**
923050	2	- 2	Green	6,1 ± 0,2 mm	276 ± 1 mm	100	800	**N/A -**
923051	5	- 3.5	Blue	8 ± 0,2 mm	344 ± 1 mm	50	300	**N/A -**
923054	10	- 3	Orange	9,95 ± 0,2 mm	344 ± 1 mm	50	200	**N/A -**



ClearLine® Pipette Controller

ClearLine

MADE IN EUROPE — WARRANTY 2 YEARS



- For plastic and glass pipettes from 0.5 to 100 ml
- Lightweight, ergonomic
- Adjustable suction and delivery speeds
- Autoclavable nose at 121°C

Supplied with:
charging base;
0.2 µm PTFE filter;
Battery Ni-MH AA 1300 mAh 2,4 V ;
Wall mount.

Part no.	Designation	€
060863	ClearLine® Pipette Controller	**N/A -**

Accessories

Part no.	Designation	€
060873	Replacement nosepiece	**N/A -**
060874	Silicone tip pipette holder	**N/A -**
257151	PTFE hydrophobic filter 0.2 µm (5 units)	**N/A -**
060877	Connector joint	**N/A -**
060878	Charging station	**N/A -**

ClearLine® micropipettes

- Light
- Soft spring system for working comfort
- Adjusting the height of the ejection system
- Volume lock
- Fully autoclavable
- UV-resistant



ClearLine® single-channel micropipettes

Volume (µl)	Colour code	Part no.	€	Part no. Cofrac certified*	€
0.1 - 2	Red	257029	N/A -	257029C	N/A -
0.5 - 10	Red	257030	N/A -	257030C	N/A -
2 - 20	Yellow	257031	N/A -	257031C	N/A -
10 - 100	Yellow	257032	N/A -	257032C	N/A -
20 - 200	Yellow	257033	N/A -	257033C	N/A -
100 - 1000	Blue	257034	N/A -	257034C	N/A -
500 - 5000	White	257035	N/A -	257035C	N/A -
1000 - 10000	White	257036	N/A -	257036C	N/A -

ClearLine® multichannel micropipettes

		8 channels				12 channels			
Volume (µl)	Colour code	Part no.	€	Part no. Cofrac certified*	€	Part no.	€	Part no. Cofrac certified*	€
0.5-10	Red	257037	N/A -	257037C	N/A -	257041	N/A -	257041C	N/A -
5 - 50	Yellow	257038	N/A -	257038C	N/A -	257042	N/A -	257042C	N/A -
20 - 200	Yellow	257039	N/A -	257039C	N/A -	257043	N/A -	257043C	N/A -
50 - 300	Green	257040	N/A -	257040C	N/A -	257044	N/A -	257044C	N/A -

* Cofrac certified micropipettes (3 volumes, 10 weighings) delivered with certificate.

ClearLine Plus and Hybridrack tips

- Polypropylene filter and non-filter tips
- ClearLine Plus: recyclable plastic hinge rack (see our recycling program on our website)
- ClearLine HybridRack: cardboard rack with recyclable top tray (see our recycling programme on our website)
- 2 surface options: standard or low binding
- Colour-coded
- Refill available





Hybridrack racks

Non-filter Tips

					ClearLine Plus (rack-mounted)						ClearLine Plus on refill				ClearLine Hybridrack	
					Standard tips				Low binding tips		Standard tips		Low binding tips		Standard tips	
Vol. (µl)	Description	Tray colour	Graduation	Units/ box	Non sterile	€	Sterile	€	Sterile	€	Non sterile	€	Non sterile	€	Sterile	€
10	Longreach tip 45mm	Red	2, 5, 10 µl	10 x 96	713275	N/A -	713276	N/A -	713277	N/A -	258416A	N/A -	258420A	N/A -	258361	N/A -
10	Sharp long tip 45mm	Red	1, 2, 5, 10 µl	10 x 96	713245	N/A -	713246	N/A -	713247	N/A -	-	-	-	-	258410	N/A -
200	Universal tip - length 51.5	Yellow	10, 50, 100 µl	10 x 96	713248	-	713249	N/A -	713250	N/A -	258417A	N/A -	258421A	N/A -	258362	N/A -
300	Universal tip - length 59 mm	Green	10, 50, 100 µl	10 x 96	713251	N/A -	713252	N/A -	713253	N/A -	258418A	N/A -	258422A	N/A -	258363	N/A -
300	Long tip 78 mm	Green	10, 50, 100, 200, 300 µl	8 x 96	258328	N/A -	258329	N/A -	-	-	-	-	-	-	258364	N/A -
1250	Long tip 102 mm	Blue	200, 500, 1000 µl	8 x 96	713254	N/A -	713255	N/A -	258413	N/A -	258419A	N/A -	258423A	N/A -	258365	N/A -

View prices on our website

ClearLine Plus and Hybridrack nails (continued)

Bulk ClearLine tips without filter

Vol. (µl)	Description	Graduation	Standard tips						Low binding tips					
			Part no.	Units/ box	€	Part no.	Units/ box	€	Part no.	Units/ box	€	Part no.	Units/ box	€
10	Longreach tip 45mm	2, 5, 10 µl	258272	10 x 1000	N/A -	258272A	1000	N/A -	258273	10 x 1000	N/A -	258273A	1000	N/A -
10	Sharp long tip 45mm	1, 2, 5, 10 µl	258270	10 x 1000	N/A -	258270A	1000	N/A -	258271	10 x 1000	N/A -	258271A	1000	N/A -
200	Universal tip - length 50.7 mm	10, 50, 100 µl	258274	10 x 1000	N/A -	258274A	1000	N/A -	258275	10 x 1000	N/A -	258275A	1000	N/A -
300	Universal tip - length 59 mm	10, 50, 100 µl	258276	10 x 1000	N/A -	258276A	1000	N/A -	258277	10 x 1000	N/A -	258277A	1000	N/A -
1250	Long tip 102 mm	200, 500, 1000 µl	258278	10 x 768	N/A -	258278A	768	N/A -	-	-	-	-	-	-

Accessories

Part no.	Designation	€
713257	Empty box for ClearLine® Plus 10, 200 and 300 µl refill	N/A -
713258	Empty box for ClearLine® Plus 1000 and 1250 µl refill	N/A -

Low-retention filter tips

Vol. (µl)	Description	Tray colour	Graduation	Units/ box	ClearLine Plus		ClearLine Hybridrack	
					Sterile	€	Sterile	€
10	Longreach tip 45mm	Red	2, 5, 10 µl	10 x 96	713278	N/A -	258355	N/A -
10	Sharp long tip 45mm	Red	1, 2, 5, 10 µl	10 x 96	713260	N/A -	258408	N/A -
20	Universal tip - length 51.5 mm	Yellow	10, 50, 100 µl	10 x 96	713261	N/A -	258356	N/A -
100	Universal tip - length 51.5 mm	Yellow	10, 50, 100 µl	10 x 96	713262	N/A -	258357	N/A -
200	Universal tip - length 59 mm	Yellow	10, 50, 100 µl	10 x 96	713263	N/A -	258358	N/A -
200	Polyvalent tip for 20, 100 or 200 µl micropipette - length 78 mm	Yellow	10, 50, 100, 200, 1000 µl	8 x 96	713264	N/A -	258367	N/A -
300	Long tip 78 mm	Green	10, 50, 100, 200, 1000 µl	8 x 96	713265	N/A -	258359	N/A -
1250	Long tip 102 mm	Blue	200, 500, 1000 µl	8 x 96	713266	N/A -	258360	N/A -

Tips 5 ml and 10 ml ClearLine®



- Available in bulk or in rack
- Without filter (non-sterile) or with filter (sterile)
- Autoclavable filterless tips at 121 °C

DNase RNase | Metal | DNase RNase

Vol. (ml)	Compatibility	Length (mm)	Without filter - bulk			Without filter - on rack			Sterile filter - on rack		
			Part no.	Units/ bag	€/ bag	Part no.	Units/ box	€/ box	Part no.	Units/ box	€/ box
5	Sartorius, Eppendorf, Socorex, ClearLine®	126	258538	250	N/A -	258535	4 x 50	N/A -	258545	4 x 50	N/A -
	Brand, Thermo	147.3	258540	250	N/A -	258537	4 x 50	N/A -	258546	4 x 50	N/A -
	Gilson, ClearLine®	126	258539	250	N/A -	258536	4 x 50	N/A -	258549	4 x 50	N/A -
10	Thermo, Socorex, Gilson, ClearLine®	153.6	258543	100	N/A -	258541	4 x 25	N/A -	258547	4 x 25	N/A -
	Sartorius, Eppendorf (Gilson)	153.6	258544	100	N/A -	258542	4 x 25	N/A -	258548	4 x 25	N/A -

ClearLine® Prime filterless and filtered tips on hinged rack

- Sterile tips with or without filter
- Filter tips, low binding:
  maximum sample recovery, ensuring precise volume dispensing
- Universal compatibility

As part of our environmental efforts, the rack contains less plastic



ClearLine® Prime tips on a hinged rack

ClearLine® Prime sterile filter tips on hinged rack

Vol. (µl)	Description	Tray colour	Unit of pack.	Filter tip, sterile, low binding Part no.	€
10	10 µl graduated tip length: 31.24 mm	Red	10 x 96	257517	N/A -
10	10 µl long graduated tip length: 45.87 mm	Red	10 x 96	257509	N/A -
20	20 µl graduated tip length: 50.75 mm	Yellow	10 x 96	257510	N/A -
100	100 µl graduated tip length: 59.54 mm	Yellow	10 x 96	257511	N/A -
200	200 µl graduated tip length: 59.54 mm	Yellow	10 x 96	257512	N/A -
300	300 µl graduated tip length: 59.54 mm	Green	10 x 96	257518	N/A -
1000	1000 µl graduated tip length: 83.09 mm	Blue	8 x 96	257513	N/A -
1250	1000µl long graduated tip length: 98.40 mm	Blue	8 x 96	257514	N/A -

Non-filter sterile tips on hinged rack ClearLine® Prime

Vol. (µl)	Description	Tray colour	Unit of pack.	Non-filter tip, sterile, standard Part no.	€	Non-filter tip, sterile, low binding Part no.	€
10	10 µl graduated tip length: 31.24 mm	Red	10 x 96	257520	N/A -	257526	N/A -
10	10 µl long graduated tip length: 45.84 mm	Red	10 x 96	257519	N/A -	257525	N/A -
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
200	200 µl graduated tip length: 50.75 mm	Yellow	10 x 96	257521	N/A -	257527	N/A -
300	300 µl graduated tip length: 59.54 mm	Green	10 x 96	257522	N/A -	257528	N/A -
1000	1000 µl graduated tip length: 83.09 mm	Blue	8 x 96	257523	N/A -	257529	N/A -
1250	1000 µl long graduated tip length: 98.40 mm	Blue	8 x 96	257524	N/A -	257530	N/A -

View prices on our website

ClearLine® hinged rack charging system

Endo-toxins · Human DNA · Pyro-gens · PCR inhibitor

- Simple and fast charging system
- Standard or low binding tips, non-sterile, no filter, universal compatibility
- Ecological: cardboard packaging (reduction of plastic waste linked to the packaging of refill towers)
- Very small footprint: system requires 57% less storage space than other systems
- ClearLine® Prime refill trays are compatible with hinged racks of ClearLine® Prime filter tips
- Available in Cleanpack resealable bags



ClearLine® refill system
pipette tips for hinged rack
Box sold separately from refill

			Standard tip refill						Low binding tip refill					
			Cardboard support			Cleanpack bag			Cardboard support			Cleanpack bag		
Volume (µl)	Description	Tray colour	Part no.	Unit of pack.	€	Part no.	Unit of pack.	€	Part no.	Unit of pack.	€	Part no.	Unit of pack.	€
10	10 µl graduated tip length: 31.24 mm	Red	257764	10 x 96	N/A -	257531	5 x 960	N/A -	257770	10 x 96	N/A -	257537	5 x 960	N/A -
10	10 µl long graduated tip, length. : 45.84 mm	Red	257765	10 x 96	N/A -	257532	5 x 960	N/A -	257771	10 x 96	N/A -	257538	5 x 960	N/A -
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	200 µl graduated tip length: 50.75 mm	Yellow	257766	10 x 96	N/A -	257533	5 x 960	N/A -	257772	10 x 96	N/A -	257539	5 x 960	N/A -
300	300 µl graduated tip length: 59.54 mm	Green	257767	10 x 96	N/A -	257534	5 x 960	N/A -	257773	10 x 96	N/A -	257540	5 x 960	N/A -
1000	1000 µl graduated tip length: 81.78 mm	Blue	257768	8 x 96	N/A -	257535	4 x 960	N/A -	257774	8 x 96	N/A -	257541	4 x 960	N/A -
1250	1250 µl long graduated tip length: 98.40 mm	Blue	257769	8 x 96	N/A -	257536	4 x 960	N/A -	257775	8 x 96	N/A -	257542	4 x 960	N/A -

NB: Photos are not to scale.

Empty tins for ClearLine® refill system

Part no.	Designation	Units/ box	€/ box
257515	ClearLine® empty box for 10 µl to 300 µl tips	10	N/A -
257516	ClearLine® empty box for 1000 µl to 1250 µl tips	8	N/A -

ClearLine® filter and non-filter tips for LTS micropipettes

- Polypropylene filter and non-filter tips
- Compatible with Rainin LTS micropipettes
- 3 racks **to choose from**

DNase RNase · Human DNA · PCR inhibitor · Pyro-gens

GoGREEN







ClearLine® Plus rack:
- + Hinged rack made from recyclable plastic;
- + colour-coded tray ;
- + rechargeable ;
- + stackable and autoclavable.

HybridRack :
- + Rack and fitted lid made from recycled paperboard and readily recyclable;
- + coloured tray in recyclable plastic ;
- + Uses 70% less plastic than a conventional plastic rack.

TipStation:
- + 5 layers of 192 tips, minimum footprint ;
- + It is sufficient to remove one level after using the pipette tips;
- + very stable basis ;
- + Ideal for multichannel micropipettes;
- + in recyclable polypropylene*.

Non-filter Tips

z Clearline Plus racks and refills

Picture number**	Vol. (µl)	Designation	Tray colour	Graduation (µl)	Units/ box	ClearLine® Plus rack								ClearLine® Plus refill			
						Standard tips				Low binding tips				Standard tips		Low binding tips	
						Sterile		Non-sterile		Sterile		Non-sterile		Non-sterile			
						Part no.	€/ box	Part no.	€/ box	Part no.	€/ box	Part no.	€/ box	Part no.	€/ box	Part no.	€/ box
1	20	Fine tip, length 49.5 mm	Red	2, 10	10 x 96	258380	N/A -	258383	N/A -	258437	N/A -	258440	N/A -	258386	N/A -	258443	N/A -
2	200	Tip length 50.2 mm	Yellow	10, 50, 100	10 x 96	258381	N/A -	258384	N/A -	258438	N/A -	258441	N/A -	258387	N/A -	258444	N/A -
3	1000	Tip length 98.6 mm	Blue	200, 500, 1000	8 x 96	258382	N/A -	258385	N/A -	258439	N/A -	258442	N/A -	258388	N/A -	258445	N/A -

z Rack Tip Station

Picture number**	Vol. (µl)	Description	Graduation (µl)	Units/box	Units/ box	Standard tips				Low binding tips			
						Sterile		Non-sterile		Sterile		Non-sterile	
						Part no.	€/ box	Part no.	€/ box	Part no.	€/ box	Part no.	€/ box
1	20	Fine tip, length 49.5 mm	2, 10	10 x 96	10 x 96	258389	N/A -	258391	N/A -	258446	N/A -	258448	N/A -
2	200	Tip length 50.2 mm	10, 50, 100	10 x 96	10 x 96	258390	N/A -	258392	N/A -	258447	N/A -	258449	N/A -

** Refer to the picture of the model with filter (below) without taking this one into account.

Filter tips

Tips not shown to scale.

		Vol. (µl)	Designation	Tray colour	Graduation (µl)	Units/ box	ClearLine® Plus rack				HybridRack			
							Standard tips		Low binding tips		Standard tips		Low binding tips	
							Sterile				Sterile			
							Part no.	€/ box	Part no.	€/ box	Part no.	€/ box	Part no.	€/ box
	n°1	20	Fine tip, length 49.5 mm	Red	2, 10	10 x 96	258377	N/A -	258434	N/A -	258393	N/A -	258450	N/A -
	n°2	200	Tip length 50.2 mm	Yellow	10, 50, 100	10 x 96	258378	N/A -	258435	N/A -	258394	N/A -	258451	N/A -
	n°3	1000	Tip length 98.6 mm	Blue	200, 500, 1000	8 x 96	258379	N/A -	258436	N/A -	258395	N/A -	258452	N/A -

ClearLine® disposable transfer pipette

- Made of polypropylene
- Irradiated (SAL 10-3)
- Length: 190 mm
- Outer diameter: 4.3 mm
- In pack of 40
- Compatible with the Acura 810 micropipette

Part no.	Designation	Cond.	€
923060	Straw pipette 1 ml	1000	N/A -



View prices on our website

ClearLine® standard microtubes



Volume (ml)	0.5	1.5		2	
Diameter (mm)	7.8	10.8	10.8	10.8	10.8
Height (mm)	30	41	41	42	42
Material	Virgin polypropylene				
Sterile	No				
Cap type	Pierceable snap				
Autoclavable	Yes				
Max centrifugal speed (g)	25000				
Graduation	Yes				
Marking area	Yes on tube and cap				
Operating temperature	-80 °C to +121 °C				
Specifications	Free from DNases, RNases, human DNA, endotoxins, ATP, and PCR inhibitors; Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide; CE IVD marking				
Units/box	4 resealable bags of 500 Microtubes	2 resealable bags of 500 Microtubes	1000 tubes	2 resealable bags of 500 Microtubes	1000 tubes
Cat. No. natural	**395065**	**390689**	**390690**	**390691**	**390692**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Part no. amber color	**395083**	**395084**	**-**	**395085**	**-**
€/box	**N/A -**	**N/A -**	**-**	**N/A -**	**-**

ClearLine® Clear-Lock microtubes

GoGreen

1/3 solar energy
+ optimized packaging
made from recycled
cardboard
+ manufactured in Italy

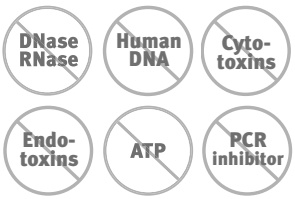




Volume (ml)	0.5				1.5				2			
Diameter (mm)	7.8	7.8	7.8	7.8	10.66	10.66	10.66	10.66	10.73	10.73	10.73	10.73
Height (mm)	30	30	30	30	38	38	38	38	40.1	40.1	40.1	40.1
Material	Virgin polypropylene											
Sterile	No	No	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes
Cap type	Snap Clear-Lock; pierceable											
Autoclavable	Yes											
Max centrifugal speed (g)	30000											
Graduation	Yes											
Marking area	Yes on tube and cap											
Operating temperature	-80 °C to +121 °C											
Specifications	Free from DNases, RNases, human DNA, endotoxins, ATP, and PCR inhibitors; CE IVD marking; secure locking system, preventing accidental opening, Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide											
Units/box	Bag with 500 microtubes	Box of 500 microtubes	50 microtubes individually wrapped	5 sachets of 100 microtubes	Bag with 1000 microtubes	2 boxes of 500 microtubes	100 microtubes individually wrapped	4 sachets of 50 microtubes	Bag with 1000 microtubes	2 boxes of 500 microtubes	100 microtubes individually wrapped	4 sachets of 50 microtubes
Part no. natural color	**390931A**	**390929**	**395018**	**395019**	**390903**	**390901**	**390940**	**395020**	**390904**	**390902**	**390941**	**395021**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

ClearLock™ Low Binding ClearLine® Microtubes





Low Binding Proteins

z Maximum protein recovery rate

Volume (ml)	0.5	1.5	2
Diameter (mm)	7.8	10.66	10.73
Height (mm)	30	38	40.1
Material	Medical grade polypropylene		
Sterile	No		
Cap type	Snap ClearLock™; pierceable		
Autoclavable	Autoclavable at +121°C for 20 minutes		
Max centrifugal speed (g)	30,000		
Graduation	Yes		
Marking area	Yes on tube and cap		
Operating temperatures	-80 °C to +100 °C		
Specifications	Material ensuring maximum protein recovery rate; Free from DNases, RNases, human DNA, endotoxins, ATP, and PCR inhibitors, non-cytotoxic; Secure locking system, preventing accidental opening. Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide		
Units/box	5 sachets of 100 microtubes	4 sachets of 50 microtubes	4 sachets of 50 microtubes
Natural Cat. No.	**390886**	**390888**	**390890**
€/box	**N/A -**	**N/A -**	**N/A -**

DNA Low Binding

z Maximum DNA recovery rate

Volume (ml)	0.5	1.5	2
Diameter (mm)	7.8	10.66	10.73
Height (mm)	30	38	40.1
Material	Medical grade polypropylene		
Sterile	No		
Cap type	Snap ClearLock™; pierceable		
Autoclavable	Autoclavable at +121°C for 20 minutes		
Max centrifugal speed (g)	30,000		
Graduation	Yes		
Marking area	Yes on tube and cap		
Operating temperatures	-80 °C to +100 °C		
Specifications	Material ensuring maximum DNA recovery rate; Free from DNases, RNases, human DNA, endotoxins, ATP, and PCR inhibitors, non-cytotoxic; Secure locking system to prevent accidental opening. Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide		
Units/box	5 sachets of 100 microtubes	4 sachets of 50 microtubes	4 sachets of 50 microtubes
Natural Cat. No.	**390885**	**390887**	**390889**
€/box	**N/A -**	**N/A -**	**N/A -**



ClearLock™ Biobased ClearLine® microtubes



DNase RNase · Human DNA · Cyto-toxins · Endo-toxins · ATP · PCR inhibitor

Made from at least 90% renewable raw materials (e.g. waste and residues from refining vegetable oil or used cooking oil)

GoGREEN

Manufacturing plants in Italy and Slovakia certified ISCC Plus and ACT Label

ClearLock microtubes

Volume (ml)	0.5	1.5	2	5
Diameter (mm)	7.8	10.66	10.73	16.6
Height (mm)	30	38	40.1	56.5
Material	Medical grade polypropylene			
Sterile	No			
Cap type	Snap ClearLock™; pierceable			
Autoclavable	Autoclavable at +121°C for 20 minutes			
Max centrifugal speed (g)	30,000			
Graduation	Yes			
Marking area	Yes on tube and cap			
Operating temperatures	-80 °C to +100 °C			
Specifications	Material ensuring maximum DNA recovery rate; Free from DNases, RNases, human DNA, endotoxins, ATP, and PCR inhibitors, non-cytotoxic; Secure locking system, preventing accidental opening. Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide			
Units/box	Bag with 500 microtubes	1000 units	1000 units	2 sachets of 100 microtubes
Natural Cat. No.	**395091**	**395092B**	**395093B**	**395094**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

ClearLock protein microtubes Low Binding

Maximum protein recovery rate

Volume (ml)	0.5	1.5	2
Diameter (mm)	7.8	10.66	10.73
Height (mm)	30	38	40.1
Material	Medical grade polypropylene		
Sterile	No		
Cap type	Snap ClearLock™; pierceable		
Autoclavable	Autoclavable at +121°C for 20 minutes		
Max centrifugal speed (g)	30,000		
Graduation	Yes		
Marking area	Yes on tube and cap		
Operating temperatures	-80 °C to +100 °C		
Specifications	Material ensuring maximum protein recovery rate; Free from DNases, RNases, human DNA, endotoxins, ATP, and PCR inhibitors, non-cytotoxic; Secure locking system, preventing accidental opening. Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide		
Units/box	5 sachets of 100 microtubes	4 sachets of 50 microtubes	4 sachets of 50 microtubes
Natural Cat. No.	**395118**	**395119**	**395120**
€/box	**N/A -**	**N/A -**	**N/A -**

ClearLock DNA microtubes Low Binding

Maximum DNA recovery rate

Volume (ml)	0.5	1.5	2
Diameter (mm)	7.8	10.66	10.73
Height (mm)	30	38	40.1
Material	Medical grade polypropylene		
Sterile	No		
Cap type	Snap ClearLock™; pierceable		
Autoclavable	Autoclavable at +121°C for 20 minutes		
Max centrifugal speed (g)	30,000		
Graduation	Yes		
Marking area	Yes on tube and cap		
Operating temperatures	-80 °C to +100 °C		
Specifications	Material ensuring maximum DNA recovery rate; Free from DNases, RNases, human DNA, endotoxins, ATP, and PCR inhibitors, non-cytotoxic; Secure locking system, preventing accidental opening. Free from biocides, plasticizers, and latex. Manufactured using optimized molds with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide.		
Units/box	5 sachets of 100 microtubes	4 sachets of 50 microtubes	4 sachets of 50 microtubes
Natural Cat. No.	**395121**	**395122**	**395123**
€/box	**N/A -**	**N/A -**	**N/A -**

ClearLine® Clear-Lock 5 ml tubes



GoGREEN

1/3 solar energy + optimised packaging in recycled cardboard + manufactured in Italy

Volume (ml)	5		
Diameter (mm)	16.6		
Height (mm)	56.5		
Material	Virgin polypropylene		
Sterile	No	No	Yes
Cap type	Snap Clear-Lock; pierceable		
Autoclavable	Yes		
Max. centrifugal speed (g)	21000		
Graduation	Yes		
Marking area	Yes on tube and cap		
Operating temperatures	-80 °C to +121 °C		
Specifications	Free from DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors; CE IVD mark; secure locking system to prevent accidental opening. Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide		
Units/box	Bag of 500 tubes	2 Boxes of 100 tubes	50 individually wrapped tubes
Natural	**390932A**	**390930A**	**395022**
€/box	**N/A -**	**N/A -**	**N/A -**

ClearLine® seamless screw cap microtubes

Standard





Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20	10.20	10.20	10.20	10.20	10.20
Inner diameter (mm)	8.5	8.5	8.5	8.5	8.5	8.5
Height (mm)	46.2	46.2	46.5	47.5	47	47.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C					
Specifications	Complies with USP Class VI; free from DNases, RNases, and endotoxins; CE IVD marked; free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide					
Units/box	2 sachets of 500 microtubes					
Cat. No. natural	**390627CL**	**390634CL**	**390646CL**	**390632CL**	**390640CL**	**390652CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

For insert





Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C					
Specifications	Complies with USP Class VI; free from DNases, RNases, and endotoxins; CE IVD marked; free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide					
Units/box	2 sachets of 500 microtubes					
Cat. No. natural	**390629CL**	**390636CL**	**390648CL**	**390829CL**	**390642CL**	**390654CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

For insert with clip





Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C					
Specifications	Compliant with USP Class VI; free from DNases, RNases, and endotoxins; CE IVD marking: Free from biocides, plasticizers, and latex. Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide					
Units/box	2 sachets of 500 microtubes					
Cat. No. natural	**390631CL**	**390638CL**	**390650CL**	**390830CL**	**390644CL**	**390656CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All ClearLine® microtubes are available with coloured screw caps.

View prices on our website

Screw cap microtubes with ClearLine® seal



	Standard					
Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	46.2	46.2	46.2	47.5	47	47.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C					
Specifications	Complies with USP Class VI; free from DNases, RNases, and endotoxins; CE IVD marked; free from biocides, plasticizers, and latex. Manufactured using optimized molds with a highly polished surface, without the incorporation of release agents such as oleamide, erucamide, or stearamide.					
Units/box	2 sachets of 500 microtubes					
Cat. No. natural	390418CL	390420CL	390422CL	390419CL	390421CL	390423CL
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



	For insert					
Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C					
Specifications	Complies with USP Class VI; free from DNases, RNases, and endotoxins; CE IVD marked; free from biocides, plasticizers, and latex. Manufactured using optimized molds with a highly polished surface, without the incorporation of release agents such as oleamide, erucamide, or stearamide.					
Units/box	2 sachets of 500 microtubes					
Cat. No. natural	390424CL	390426CL	390428CL	390425CL	390427CL	390429CL
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



	For insert with clip					
Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C					
Specifications	Complies with USP Class VI; free from DNases, RNases, and endotoxins; CE IVD marked; free from biocides, plasticizers, and latex. Manufactured using optimized molds with a highly polished surface, without the incorporation of release agents such as oleamide, erucamide, or stearamide.					
Units/box	2 sachets of 500 microtubes					
Cat. No. natural	390430CL	390432CL	390434CL	390431CL	390433CL	390435CL
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

All ClearLine® microtubes are available with coloured screw caps.

Microtubes without caps

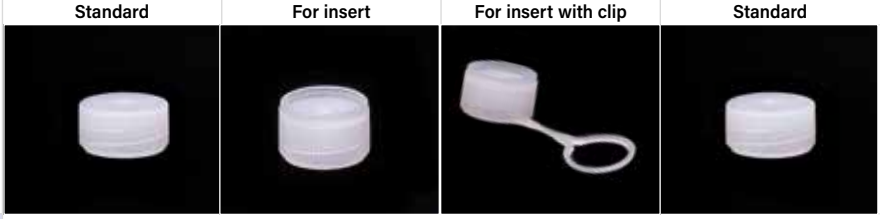


Volume (ml)	0.5		1.5		2	
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	45.2	46.1	45.2	46.1	45.4	46.8
Material	Virgin polypropylene; medical grade					
Sterile	No					
Cap	No					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	Yes	No	Yes	No	Yes
Graduation	Yes	Yes	No	No	Yes	Yes
Marking area	Yes	Yes	No	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C					
Specifications	Complies with USP Class VI; free from DNases, RNases, and endotoxins; CE IVD marked; free from biocides, plasticizers, and latex. Manufactured using optimized molds with a highly polished surface, without the incorporation of release agents such as oleamide, erucamide, or stearamide.					
Units/box	1000 microtubes					
Cat. No. natural	390436CL	390437CL	390438CL	390439CL	390440CL	390441CL
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

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1/3 solar energy
+ optimised recycled cardboard packaging
+ made in Europe

Cap



	Without seal			With seal
	Standard	For insert	For insert with clip	Standard
Material	Virgin Polyethylene; medical grade			
Specifications	Free of DNase, RNase and endotoxin; CE IVD marking			
Units/box	1000 caps	1000 caps	1000 caps	500 caps
Natural	390442CL	390443CL	390444CL	390445CL*
White	-	-	-	390748CL
Yellow	-	-	-	390749CL
Red	-	-	-	390751CL
Green	-	-	-	390752CL
Blue	-	-	-	390747CL
€/box	N/A -	N/A -	N/A -	N/A -

* 1000 caps



View prices on our website

▪ Screw cap microtubes with Biobased ClearLine® seal

DNase RNase | Endo-toxins



Volume (ml)	0.5	1.5	2	0.5	1.5	2
Ext diameter (mm)	10.20	10.20	10.20	10.20	10.20	10.20
Int diameter (mm)	8.5	8.5	8.5	8.5	8.5	8.5
Height (mm)	46.2	46.2	46.2	47.5	47	47.8
Material	Medical grade polypropylene tube; medical grade polyethylene cap					
Sterile	Yes	Yes	Yes	Yes	Yes	Yes
Autoclavable	Yes	Yes	Yes	Yes	Yes	Yes
Max centrifugal speed (g)	25000	25000	25000	25000	25000	25000
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperatures	-85 °C to +121 °C	-85 °C to +121 °C	-85 °C to +121 °C	-85 °C to +121 °C	-85 °C to +121 °C	-85 °C to +121 °C
Specifications	Complies with USP Class VI; Free from DNases, RNases, and endotoxins					
Units/box	2 sachets of 500 microtubes	2 sachets of 500 microtubes	2 sachets of 500 microtubes	2 sachets of 500 microtubes	2 sachets of 500 microtubes	2 sachets of 500 microtubes
Natural cap	**395112**	**395114**	**395116**	**395113**	**395115**	**395117**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Made from at least 90% renewable raw materials
(e.g. waste and residues from refining vegetable oil or used cooking oil)

Manufacturing plants in Italy and Slovakia certified
ISCC Plus and ACT Label

ClearLine® sterile 15 mL and 50 mL centrifuge tubes



Volume (ml)	15		50		
Out diameter (mm)	15.4		27.8		
Height (mm)	119		115		
Material	Polypropylene tube and polyethylene cap				
Sterile	Yes	Yes	Yes	Yes	Yes
Autoclavable	Yes				
Max centrifugal speed (g)	15000		12000		
Skirt	No	No	No	No	Yes
Graduation	Yes: standard and inverted: Indication of the maximum level for freezing				
Marking area	Yes				
Colour	Transparent				
Operating temperature	- 86 °C to + 121 °C				
Specifications	Free of DNAs, RNAs and endotoxins; perfectly watertight at - 95 kPa				
Units/box	20 bags of 25 tubes	10 racks of 50 tubes	20 bags of 25 tubes	20 racks of 25 tubes	20 bags of 25 tubes
Part no. turquoise cap	**258372**	**258373**	**258369**	**258370**	**258371**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

15 mL and 50 mL tubes ClearLine® High Speed and Metal free.

Volume (ml)	15		50	
Out diameter (mm)	22.1		35.3	
Height (mm)	129.8		128.14	
Material	Polypropylene tube and polyethylene cap			
Sterile	Yes			
Autoclavable	Yes			
Max centrifugal speed (g)	20000			
Skirt	No			
Graduation	Yes: standard and inverted: Indication of the maximum level for freezing			
Marking area	Yes			
Colour	Transparent			
Operating temperature	-80 °C to +120 °C			
Specifications	Free of DNases, RNases, endotoxins, human DNA, non-cytotoxic, high-speed centrifugation, certified low metal levels			
Units/box	20 bags of 25 tubes	10 racks of 50 tubes	20 bags of 25 tubes	20 racks of 25 tubes
Part no. turquoise cap	**258455**	**258456**	**258453**	**258454**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Biosigma polystyrene tubes

Volume (ml)	5		
Diameter (mm)	13		
Height (mm)	75		
Material	Polystyrene		
Sterile	No	No	Yes
Bottom	Round		
Cap	No	Yes	Yes
Autoclavable	No		
Skirt	No		
Graduation	No		
Marking area	No		
Colour	Transparent		
Units/box	Bag of 4200 tubes	Bag of 2100 tubes	21 bags of 100 tubes
Cat. No. tube only	**390559**	**-**	**-**
Cat. No. yellow cap	**-**	**390490**	**390560**
€/box	**N/A -**	**N/A -**	**N/A -**



Cap

Part no.	Designation	Units/ box	€/ box
390558	Yellow cap	1000	**N/A -**

Biosigma Polystyrene tubes, straight neck

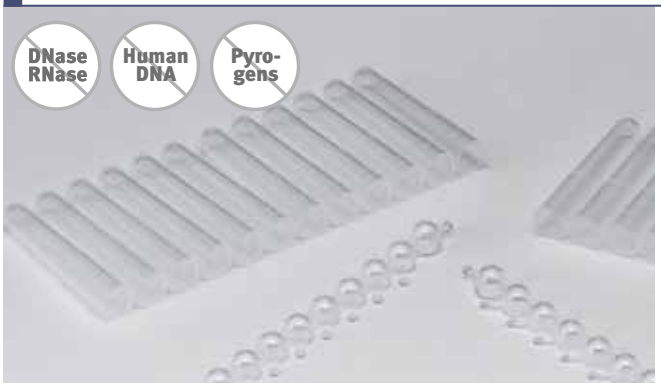




Volume (ml)	3	5
Out diameter (mm)	11.5	12
Inner diameter (mm)	10.7	
Height (mm)	55	86
Material	Polystyrene	
Sterile	No	
Bottom	Round	
Cap	Without	
Autoclavable	No	
Skirt	No	
Graduation	Yes	
Marking area	No	
Colour	Transparent	
Operating temperature	-10 °C to +50 °C	
Units/box	6000 tubes	4000 tubes
Tube only	**390595**	**395035**
€/box	**N/A -**	**N/A -**

View prices on our website

0.65 ml and 1.1 ml ClearLine® storage tubes



- Polypropylene tubes in bulk or on 96 racks
- 1.1 ml tubes, individual or in strips of 8 or 12
- Polyethylene domed caps in strips of 8 or 12
- ANSI format
- Autoclavable
- Storage up to -80 °C

Volume	0.65 ml			1.1 ml								
Presentation	Bulk	On a rack		Bulk			On a rack					
Type	Individual tubes			Individual tubes	8-tube strip	12-tube strip	Individual tubes		8-tube strip		12-tube strip	
Sterile	No	No	Yes	No	No	No	No	Yes	No	Yes	No	Yes
Units/box	960	10 x 96	10 x 96	960	120	80	10 x 96	10 x 96	12 x 10	12 x 10	8 x 10	8 x10
Part no.	007863ACL	007864ACL	007865ACL	007866ACL	007869ACL	007872ACL	007867ACL	007868ACL	007870ACL	007871ACL	007873ACL	007874ACL
€/ box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Caps

Type	8-Cap strips		12-Cap strips	
Sterile	No	Yes	No	Yes
Units/box	120	120	80	80
Part no.	007875ACL	007876ACL	007877ACL	007878ACL
€/ box	N/A -	N/A -	N/A -	N/A -

Accessory

Part no.	Designation	Units/box	€/ box
007879CL	Empty rack with lid	50	N/A -

Grey foam plugs ClearLine®



- In polyether foam P2560
- Reusable
- Smooth surface for marking with a felt-tip pen
- Density 25 kg/m³
- Support 6.3 kPa

Part no.	Diameter (mm)	Height (mm)	Units/ box	€/ box
999046CL	50	50	100	N/A -
999047CL	40	40	100	N/A -
999048CL	26	30	100	N/A -



ClearLine cryotubes

- Made of medical grade polypropylene
- Bi-injected screw cap: the plastic and silicone components are fused into a single unit, preventing any risk of leakage and contamination.
- Pre-printed and unique 1D barcodes
- Graduation and inscription surface
- Sterile SAL10-6
- Operating temperature: -196 °C
- IATA compliant
- Steam autoclavable (open) at 121°C for 20 min.
- Free from biocides, plasticizers, and latex.
- Manufactured using optimized molds, with a highly polished surface, without the incorporation of mold release additives such as oleamide, erucamide, or stearamide



Standard version

Internal screw

Part no.	Volume (ml)	Skirt	ø x H (mm)	Units/ box	€ / box
390706	1.2	Yes	12.6 x 42.5	1 bag of 50 cryotubes	N/A -
390708	2	Yes	12.6 x 47.7	1 bag of 50 cryotubes	N/A -
390707	2	No	12.6 x 46.55	1 bag of 50 cryotubes	N/A -
390710	4	Yes	12.6 x 42.5	1 bag of 50 cryotubes	N/A -
390709	4	No	12.6 x 42.5	1 bag of 50 cryotubes	N/A -
390712	5	Yes	12.6 x 42.5	1 bag of 50 cryotubes	N/A -
390711	5	No	12.6 x 42.5	1 bag of 50 cryotubes	N/A -

External screw

Part no.	Volume (ml)	Skirt	ø x h (mm)	Units/ box	€ / box
390700	1.2	Yes	12.6 x 41.25	1 bag of 50 cryotubes	N/A -
390701	2	Yes	12.6 x 46.85	1 bag of 50 cryotubes	N/A -
390702	2	No	12.6 x 45.90	1 bag of 50 cryotubes	N/A -
390703	3	Yes	12.6 x 70.65	1 bag of 50 cryotubes	N/A -
390704	4	Yes	12.6 x 75.45	1 bag of 50 cryotubes	N/A -
390705	5	Yes	12.6 x 89.25	1 bag of 50 cryotubes	N/A -

Biobased version

Internal screw

Part no.	Volume (ml)	Skirt	ø x h (mm)	Units/ box	€ / box
395096	1.2	Yes	12.6 x 42.5	10 packs of 50 cryotubes	N/A -
395100	2	Yes	12.6 x 47.7	10 packs of 50 cryotubes	N/A -
395102	2	No	12.6 x 46.55	10 packs of 50 cryotubes	N/A -
395105	4	Yes	12.6 x 42.5	10 packs of 50 cryotubes	N/A -
395106	4	No	12.6 x 42.5	10 packs of 50 cryotubes	N/A -
395110	5	Yes	12.6 x 42.5	10 packs of 50 cryotubes	N/A -
395111	5	No	12.6 x 42.5	10 packs of 50 cryotubes	N/A -

External screw

Part no.	Volume (ml)	Skirt	ø x H (mm)	Units/ box	€ / box
395095	1.2	Yes	12.6 x 41.25	10 packs of 50 cryotubes	N/A -
395098	2	Yes	12.6 x 46.85	10 packs of 50 cryotubes	N/A -
395101	2	No	12.6 x 45.90	10 packs of 50 cryotubes	N/A -
395103	3	Yes	12.6 x 70.65	10 packs of 50 cryotubes	N/A -
395104	4	Yes	12.6 x 75.45	10 packs of 50 cryotubes	N/A -
395108	5	Yes	12.6 x 89.25	10 packs of 50 cryotubes	N/A -

Coloured inserts

Blue	White	Yellow	Purple	Red	Green	€ 100 units	Assorted	€ per 6 x 100
390741A	390742A	390743A	390789A	390745A	390746A	N/A -	390802A	N/A -



Racks

- In polycarbonate
- Cryotubes with skirts locked in the rack to allow one-handed manipulation
- Autoclavable

L x W x H (mm)	Number of tubes	Blue	Red	Green	€
215 x 100 x 27	4 x 10	390494	390495	390496	N/A -

Recovery rods

Part no.	Designation	Units/ box	€/ box
390784	Cryo picker rod	100	N/A -
390784AA	Cryo picker rod	1	N/A -
390784A	Cryo picker rod	10	N/A -





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Biobased ClearLine® 2D barcode cryotubes



- Made of medical grade polypropylene
- Two-shot molded screw cap eliminates any risk of leakage and contamination
- Pre-printed and unique 1D barcodes
- A 2D DataMatrix code affixed at the bottom, corresponding to the 1D barcode on the tube body
- Graduation and inscription surface
- Sterile SAL10-6
- Steam autoclavable (open) at 121°C for 20 min.
- Suitable for storage in the vapor phase of liquid nitrogen
- Compatible with stoppering machines
- IATA compliant

DNase RNase · Human DNA · Endo-toxins · ATP · PCR inhibitor · Cyto-toxic · Metal

GoGreen

Optimised composition
+ recyclable packaging
+ manufactured in Italy

External screw thread

Part no.	Volume (ml)	Skirt	ø x h (mm)	Units/ box	€/ box
395097	2	Yes	12.6 x 46.85	10 packs of 50 cryotubes	N/A -
395107	5	Yes	12.6 x 89.25	10 packs of 50 cryotubes	N/A -

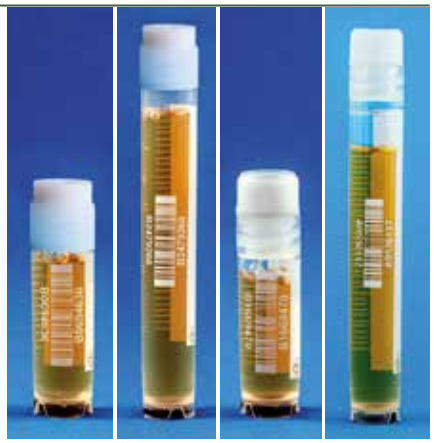
Internal screw

Part no.	Volume (ml)	Skirt	ø x h (mm)	Units/ box	€/ box
395099	2	Yes	12.6 x 47.7	10 packs of 50 cryotubes	N/A -
395109	5	Yes	12.6 x 90	10 packs of 50 cryotubes	N/A -

ClearLine® 2D barcode cryotubes

ClearLine® quality
- Made from medical-grade virgin polypropylene
- Can be used down to -196°C
- ATP exemptions
- USP Class VI (non-cytotoxic and non-hemolytic)
- Sterilised by Beta rays, SAL 10-6
- Free from biocides, plasticizers, and latex.
- Manufactured using optimized molds with a highly polished surface, without the incorporation of release agents such as oleamide, erucamide, or stearamide.

DNase RNase · Human DNA · Pyro-gens · PCR inhibitor · Endo-toxins · CE IVD



- Graduated with inscription surface



- Steam-autoclavable at 121 °C for 20 min



- 2D Datamatrix barcode on the bottom of the tube, matching the printed barcode



- Pre-printed barcode on each tube (Code 128)
- Readable both ways, by all scanner brands



- Can be used with capper/ decapper.
- New two-component injection-molded screw cap (polyethylene and silicone)
- Can be screwed and unscrewed with one hand

- Locking tube base for CryoGen® Box 2D and polycarbonate tube racks

	External screw		Internal screw	
Volume (ml)	2	5	2	5
H x ø (mm)	45.6 x 12.6	87.6 x 12.6	48.2 x 12.6	90.3 x 12.6
Part no.	390713	390714	390715	390716
€ per 50	N/A -	N/A -	N/A -	N/A -

GoGreen

1/3 solar energy + optimised
packaging in recycled cardboard
+ manufactured in Italy

Barcoded cryogenic storage boxes CryoGen® Box

Polycarbonate boxes for storage of ClearLine® cryotubes.

- Polycarbonate box, grid and lid
- Transparent cover, with digital marking of each slot
- Available for all volumes of ClearLine® cryotubes, in the following formats:
  - to accomodate 25 and 81 tubes: coloured grid, white bottom
  - to accomodate 100 tubes: white bottom with pins
- Suitable for use between -196 °C and +121 °C; autoclavable for 20 min
- Do not store in the liquid phase of liquid nitrogen
- Laser engraved barcodes



GoGREEN

1/3 solar energy + optimised packaging in recycled cardboard + made in Europe

Cryogen Box 2D bottom: 2D barcode and openings*

	For	25 cryotubes 1-2 ml	81 cryotubes 1-2 ml	81 cryotubes 3-4-5 ml	100 cryotubes 2D 2 ml	100 cryotubes 2D 5 ml
	Dimensions (mm)	76 x 76 x 52	132 x 132 x 52	132 x 132 x 94	132 x 132 x 52	132 x 132 x 94
Cryogen® Box 2D: Standard barcode + 2D Datamatrix code	White bottom/ blue grid	-	390717	390721*	-	-
	White bottom/ yellow grid	-	390718	390722*	-	-
	White bottom/ red grid	-	390719	390723*	-	-
	White bottom/ green grid	-	390720	390724*	-	-
	White bottom with pins	-	-	-	390820**	390821**
	€	-	N/A -	N/A -	N/A -	N/A -
Cryogen® Box 1D: Standard Barcode	White bottom/ blue grid	390804	390808	390812*	-	-
	White bottom/ yellow grid	390805	390809	390813*	-	-
	White bottom/ red grid	390806	390810	390814*	-	-
	White bottom/ green grid	390807	390811	390815*	-	-
	White bottom with pins	-	-	-	390816**	-
	€	N/A -	N/A -	N/A -	N/A -	-

- Standard barcode (code 128)
- Corresponding 2D Datamatrix code on the bottom of the box
- Openings in the base of the box (see picture)*
- Locking the (skirted) tubes in the bottom of the box
- Designed for use with 2D Scanners

- Standard barcode (code 128) on the edge
- Pinned bottom, without grid, on 100 places boxes
- (With standard barcode cryotubes)

* The CryoGen® Box for 81 tubes 3 to 5 ml is not compatible with 4 ml cryotubes with internal screw cap.
** With internal screw cap only.

Cryogen® ClearLine® polycarbonate cryoboxes

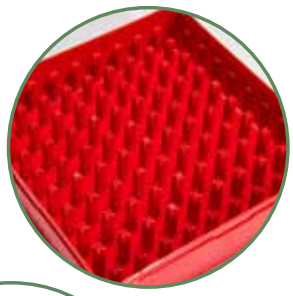
ClearLine®

- In polycarbonate
- Transparent lid, digitally marked for each slot, with cut corners
- Frosted marking area on cryobox and lid
- Version 100 pinned cryotubes
- Operating temperature: -196 °C to +121 °C
- Autoclavable at 120°C for 20 minutes
- Supplied with collector rods



Digital marking printed on the lid

Dimensions L x W x H (mm)	Divider	Tubes No.	Tube diameter (mm)	Tube type	White	Yellow	Blue	Green	Red	Units/ box	€/ box
76 x 76 x 52	Yes	5 x 5	12.5	Cryotube 0.5 to 2ml	-	390699	390476	390478	390477	1	N/A -
132 x 132 x 52	Yes	9 x 9	12.5	Cryotube 0.5 to 2ml	-	390697	390479	390481	390480	1	N/A -
132 x 132 x 94	Yes	9 x 9	12.5	Cryotube 5 ml	-	390698	390482	390484	390483	1	N/A -
132 x 132 x 52	Yes	10 x 10	12.5	Cryotube 0.5 to 2ml	390788	390489	390491	390493	390492	1	N/A -



Laser-engraved digital marking on the lid

Dimensions L x W x H (mm)	Divider	Tubes No.	Tube diameter (mm)	Tube type	Yellow	Blue	Green	Red	Units/ box	€/ box
132 x 132 x 52	Yes	9 x 9	12.5	Cryotube 0.5 to 2ml	390736	390733	390735	390734	1	N/A -
132 x 132 x 94	Yes	9 x 9	12.5	Cryotube 5 ml	390740	390737	390739	390738	1	N/A -



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ClearLine® white cardboard cryoboxes



- In Hydrophobic cardboard
- Operating temperature: -196 °C

Dimensions L x W x H (mm)	Divider	Tubes No.	Ø tube (mm)	Tube type	White	Units/ box	€/ box
133x133x51	No	-	-		972014	1	N/A -
	Yes	9 x 9	12.7	cryotube 0.5 to 2ml	972015	1	N/A -
	Yes	10 x 10	11.5	microtube 0.5 to 2ml	972016	1	N/A -
133x133x75	No	-	-		972017	1	N/A -
	Yes	9 x 9	12.5	cryotube 0.5 to 2ml	972018	1	N/A -
	Yes	10 x 10	11.5	microtube 0.5 to 2ml	972019	1	N/A -

Clearstable cryotubes

Optimal cryopreservation of bacteria, bacterial spores, and fungi



Reliable and stable microbial conservation system.

- Preserve crops for extended periods without loss of viability
- Eliminate the need for lyophilization or frequent transfers
  Suitable for a wide range of organisms, including bacteria and fungi
- Allows freezing of many different strains in a confined area
- All vials contain the same cryoprotectant, ensuring consistent and reliable performance.
- Before use, Clearstable cryotubes should be stored at room temperature or, preferably, at +4°C for optimal product preservation.
- Microorganisms can be preserved at different temperatures depending on their specific biological nature. For short durations, storage at -20°C is recommended. For long-term storage, the ideal temperature is -80°C, while for extended preservation, the gaseous phase of liquid nitrogen can be used.
- Sterile
- Shelf life: 24 months
- Delivered with a polycarbonate cryobox containing 80 sterile cryotubes and a retrieval rod
- You can order the cryobox products separately with part numbers 390717 (1D) and 390808 (2D)
- Beads larger than the competition for better handling

	Bar code	Blue	White	Yellow	Red	Green	Units/ box	€/ box	Assorted: blue, white, yellow, red, green	Units/ box	€/ box
Cryotube 2 ml with beads and cryoprotective liquid	1D	395130	395131	395132	395133	395134	80	N/A -	395135	80 (16 of each color)	N/A -
	2D	395142	395146	395143	395144	395145	80	N/A -	395147	80 (16 of each color)	N/A -
Cryotube 2 ml with beads without cryoprotective liquid	1D	395136	395137	395138	395139	395140	80	N/A -	395141	80 (16 of each color)	N/A -
	2D	395148	395152	395149	395150	395151	80	N/A -	395153	80 (16 of each color)	N/A -



Transport bags and containers

Transport bags

- Transport and protection system for biological samples
- ADR compliant
- UN3373 compliant - for transport of B biological substances
- PVC-coated polystyrene 600/900 exterior
- PVC coated 210/210 nylon interior
- Semi-rigid structure
- Zip closure
- Inner pocket for cooling element, outer pocket for document
- Can be disinfected with standard disinfection solutions
- Sterilizable with aqueous solutions, cold sterilization
- Not autoclavable, washable at 40°C
- Blue
- English/German marking

Part no.	Suitable for	Dimensions (mm)	Internal pocket for	€
390971B	1 container 390975	280 x 180 x 210	1 cooling element	**N/A -**
390972B	2 Containers 390975	320 x 300 x 220	2 cooling elements	**N/A -**
390947B	3 Containers 390975	430 x 300 x 200	3 cooling elements	**N/A -**
390948B	6 Containers 390975	420 x 300 x 380	4 cooling elements	**N/A -**
390974B	1 container 390860	ø 120 x 150	-	**N/A -**



390971B

Carrying case for vacuettes



390975

- Made of polypropylene
- Silicone seal
- Foam insert for 40 vacuettes
- Ensures the safe transport of vacuettes
- Absorbent polymer buffer
- Storage temperature -18°C to +50°C
- Complies with ADR/RID, IATA-DG, ICAO and IMDG Code

Part no.	Dimensions (mm)	€
390975	270 x 125 x 180	**N/A -**



390974B

Carrying case for vacuettes

- Ensures the safe transport of vacuettes
- UN3373 compliant - for transport of B biological substances
- Made of polypropylene
- For tubes 13 x 75 mm, 13 x 100 mm, 16 x 100 mm
- Absorbent buffer
- Foam insert for 12 tubes
- Complies with ADR/RID, IATA-DG, ICAO and IMDG Code

Part no.	Dimensions ø x h (mm)	€
390860	113 x 130	**N/A -**

View prices on our website



ClearLine® wide-neck wash bottles



- Made of polyethylene
- One-piece moulded cap

Volume (ml)	250	500
White	257016	761880
Blue	257017	257023
Red	257018	257024
Yellow	257019	-
Orange	257020	257026
Green	257021	257027
Units/box	1	1
€/box	N/A -	N/A -
Assorted	257022	257028
Units/box	6	6
€/box	N/A -	N/A -

ClearLine® screw containers



- Crystal polystyrene or natural polypropylene containers, single use
- HDPE screw caps, white or red
- Available aseptic (white cap) or sterile E-beam irradiated at 10 kGy (red cap)
- Traceability: labels with Cat. No, barcode and batch number
- Operating temperature: PS: -40 °C to +65 °C / PP: -40 °C to +85 °C
- Suitable for food contact (CE n°1935/2004)

Nominal volume (ml)	Useful volume max. (ml)	Ø x h (mm)	Material	Weight(g) with/ without cap	Units/ box		White Aseptic cap	Red cap, sterile irradiated
160	155	58 x 69	PS	31,7 / 19	360	Part no.	076050	076051
						€/box	N/A -	N/A -
	150	57 x 68	PP	25 / 16		Part no.	076052	076053
						€/box	N/A -	N/A -
220	205	58 x 95	PS	37,2 / 24,5	300	Part no.	076054	076055
						€/box	N/A -	N/A -
	205	57 x 94	PP	30 / 21		Part no.	030306B	030307B
						€/box	N/A -	N/A -

BIODipper sampling vial



- For sampling liquid and powder from trucks, drums, jerrycans, etc.
- In blue transparent polypropylene
- Graduated (except 50 ml bottle)
- Ionised
- Unit packaging
- Ideal for the agri-food, pharmaceutical industries, etc.
- 5 different volumes and 2 stem sizes

Part no.	Volume (ml)	Graduated	Rod length (cm)	Cond.	€
395196	20	Yes	25	50	N/A -
395197			35	50	N/A -
395198	50	No	25	50	N/A -
395199			35	50	N/A -
395200	60	Yes	25	40	N/A -
395201			35	40	N/A -
395202	120		25	80	N/A -
395203			35	80	N/A -
395204	160		25	80	N/A -
395205			35	80	N/A -

Urine Collection pot

- Made of transparent polypropylene
- Available as non-sterile or sterile in individual packaging
- Screw cap
- Frosted area for marking

Part no.	Volume (ml)	Cap colour	Sterile	Units/ box	€/ box
390977*	30	Red	No	700	**N/A -**
390976*	30	Red	Yes, indiv. pack.	500	**N/A -**
861083	60	White	No	600	**N/A -**
861084	60	Red	Yes, indiv. pack.	500	**N/A -**
861085	120	White	No	300	**N/A -**
861086	120	Red	Yes, indiv. pack.	250	**N/A -**

* Conical bottom







Yellow-capped containers with an aspiration system

Part no.	Volume (ml)	Cap colour	Sterile	Units/ box	€/ box
861087	120	Yellow	Yes, indiv. pack.	250	**N/A -**
861088	120	Yellow	No, indiv. pack.	250	**N/A -**
861089	120	Yellow	No, bulk	250	**N/A -**
861090	120	Yellow	Yes, bulk	250	**N/A -**

Thiosulfate vials Clearline®

ClearLine®

- Sterilized by ionizing radiation
- 3 volumes: 250, 500 and 1000 ml
- 2 doses of thiosulfate:
  - 20 mg/L (red label)
  - 120 mg/L green label
- Secure seal: self-sealing screw cap with integrity label
- Traceability (batch and expiration) on integrity label
- Wide opening
- Rapid screwing: 1 cycle maximum
- In HDPE
- Graduated in the mass
- In accordance with NF EN ISO 5667-3 and NF EN ISO 19458



Sodium Thiosulphate	20 mg/l			120 mg/l		
Vol (ml)	Part no.	Units/ box	€/ box	Part no.	Units/ box	€/ box
250	**998132**	350	**N/A -**	**-**	-	**-**
500	**998134**	105	**N/A -**	**998133**	105	**N/A -**
1000	**998131**	90	**N/A -**	**998130**	90	**N/A -**



ClearLine® syringe filters

- 9 types of membranes to meet all needs
- Diameter from 13 to 33 mm
- Sterile or non-sterile
- Colour code according to membrane
- Polypropylene body
- Female Luer-lock inlet / Male Luer outlet
- Gamma ray sterilisation
- Version with pre-filter for loaded solutions

Syringe filters for biological or mildly aggressive solutions

AC – Cellulose acetate



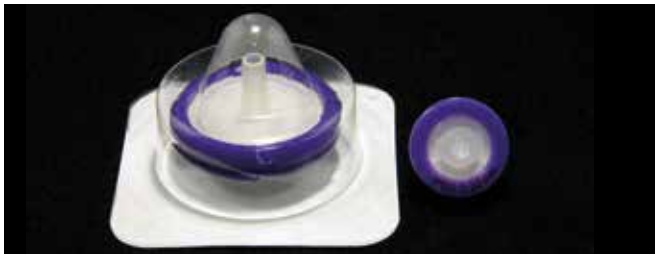
- Hydrophilic membrane
- Low protein adsorption
- Limited solvent resistance

MCE - Mixed Cellulose Esters



- Hydrophilic membrane
- Biologically inert

PES - Polyethersulfone



- High flow hydrophilic membrane
- High thermal resistance
- Low aspecific adsorption of proteins
- For rapid filtration of viscous solutions

PVDF - Polyvinylidene



- Hydrophobic membrane for protein-rich solutions
- Very low protein adsorption
- Good resistance to solvents

Syringe filters		CA			PES			MCE			PVDF		
Flow rate (ml/min@10psi) at 0.45 µm		92 - 116			118 - 162			85 - 116			70 - 105		
Bubble point (psi) at 0.45 µm		36 - 39			42 - 49			25 - 33			11 - 23		
pH		3 - 7			4 - 8			4 - 8			1 - 14		
Threshold (µm)	**Ø (mm)**	**Part no.**	**Units/ box**	**€/ box**	**Part no.**	**Units/ box**	**€/ box**	**Part no.**	**Units/ box**	**€/ box**	**Part no.**	**Units/ box**	**€/ box**
Non-sterile													
0.22	13	257239	100	N/A -	257190	100	N/A -	257166	100	N/A -	257218	100	N/A -
	25	257155	100	N/A -	257194	100	N/A -	257170	100	N/A -	257214	100	N/A -
	33	257159	100	N/A -	257198	100	N/A -	257174	100	N/A -	257222	100	N/A -
Prefilter +0.22	25	257245	50	N/A -	257247	50	N/A -	257271	100	N/A -	257249	50	N/A -
0.45	13	257241	100	N/A -	257192	100	N/A -	257168	100	N/A -	257220	100	N/A -
	25	257157	100	N/A -	257196	100	N/A -	257172	100	N/A -	257216	100	N/A -
	33	257161	100	N/A -	257200	100	N/A -	257176	100	N/A -	257224	100	N/A -
Prefilter +0.45	25	257246	50	N/A -	257248	50	N/A -	257272	50	N/A -	257250	50	N/A -
0.8	25	257244	100	N/A -	-	-	-	-	-	-	-	-	-
1.2	25	257242	100	N/A -	-	-	-	-	-	-	-	-	-
5	25	257243	100	N/A -	-	-	-	-	-	-	-	-	-
Individual sterile packaging													
0.22	13	257240	50	N/A -	257191	50	N/A -	257167	50	N/A -	257219	50	N/A -
	25	257156	50	N/A -	257195	50	N/A -	257171	50	N/A -	257215	50	N/A -
	33	257160	50	N/A -	257199	50	N/A -	257175	50	N/A -	257223	50	N/A -
0.45	13	257154	50	N/A -	257193	50	N/A -	257169	50	N/A -	257221	50	N/A -
	25	257158	50	N/A -	257197	50	N/A -	257173	50	N/A -	257217	50	N/A -
	33	257162	50	N/A -	257201	50	N/A -	257177	50	N/A -	257225	50	N/A -

ClearLine® sterile syringe filters



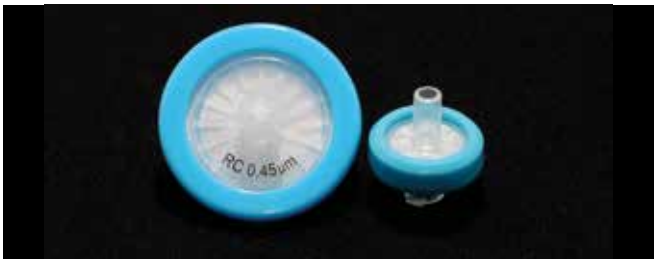
- Polypropylene body
- Sterile in individual blister packs

Membrane	Ø (mm)	Threshold 0.2 µm	€ for 50	0.45 µm threshold	€ for 50
Luer cone					
PES	33	051732	N/A -	051230	N/A -
Cellulose esters	33	051798	N/A -	051797	N/A -
PVDF	33	051733	N/A -	051734	N/A -
Luer Lock cone					
Cellulose acetate	33	146560	N/A -	146561	N/A -
PES	33	146564	N/A -	-	-

ClearLine® syringe filters

Syringe filters for aggressive solutions and solvents

RC - Regenerated cellulose



- Hydrophilic membrane
- Broad chemical compatibility
- Good particle extraction capacity

PP - Polypropylene



- Hydrophobic membrane
- Air and solvent filtration
- High flow rate

NYL - Polyamide



- Hydrophilic membrane
- Good chemical resistance

PTFE - Polytetrafluoroethylene



- Hydrophobic membrane
- Air and solvent filtration
- High chemical resistance

Syringe filters		RC			NYLON			PP			PTFE		
Flow rate (ml/min@10psi) at 0.45 µm		53 - 74			47 - 55			550 - 635			90 - 102		
Bubble point (psi) at 0.45 µm		45 - 49			27 - 33			-			10 - 13		
pH		3 - 12			3 - 14			1 - 14			1 - 14		
Threshold (µm)	Ø (mm)	Part no.	Units/ box	€/ box	Part no.	Units/ box	€/ box	Part no.	Units/ box	€/ box	Part no.	Units/ box	€/ box
Non-sterile													
0.22	13	257226	100	N/A -	257178	100	N/A -	257262	100	N/A -	257202	100	N/A -
	25	257230	100	N/A -	257182	100	N/A -	257263	100	N/A -	257206	100	N/A -
	33	257234	100	N/A -	257186	100	N/A -	257264	100	N/A -	257210	100	N/A -
Prefilter +0.22	25	257251	50	N/A -	257253	50	N/A -	257257	50	N/A -	257255	50	N/A -
0.45	13	257228	100	N/A -	257180	100	N/A -	257265	100	N/A -	257204	100	N/A -
	25	257232	100	N/A -	257184	100	N/A -	257266	100	N/A -	257208	100	N/A -
	33	257236	100	N/A -	257188	100	N/A -	257267	100	N/A -	257212	100	N/A -
Prefilter +0.45	25	257252	50	N/A -	257254	50	N/A -	257258	50	N/A -	257256	50	N/A -
0.8	25	-	-	-	257259	50	N/A -	-	-	-	-	-	-
1.2	25	-	-	-	257260	50	N/A -	-	-	-	-	-	-
3	25	-	-	-	-	-	-	-	-	-	257268	10	N/A -
5	25	-	-	-	257261	50	N/A -	-	-	-	-	-	-
Individual sterile packaging													
0.22	13	257227	50	N/A -	257179	50	N/A -	-	-	-	257203	50	N/A -
	25	257231	50	N/A -	257183	50	N/A -	-	-	-	257207	50	N/A -
	33	257235	50	N/A -	257187	50	N/A -	-	-	-	257211	50	N/A -
0.45	13	257229	50	N/A -	257181	50	N/A -	-	-	-	257205	50	N/A -
	25	257233	50	N/A -	257185	50	N/A -	-	-	-	257209	50	N/A -
	33	257237	50	N/A -	257189	50	N/A -	-	-	-	257213	50	N/A -

FV - Fiberglass

- Pre-filtration of charged solutions
- Non-sterile
- High chemical compatibility
- pH 1-14

Syringe filters		Non-sterile VF		
Threshold (µm)	Ø (mm)	Part no.	Units/ box	€/ box
1 - 2	13	257163	100	N/A -
	25	257164	100	N/A -
	33	257165	100	N/A -



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ClearLine® syringe filters

- Syringe filters 33 mm
- Available as a sterile, gamma-irradiated version
- Female Luer lock inlet, male Luer slip outlet

Sample volume	200 ml
Filtration area	4.9 cm^2
Maximum temperature	60 °C
Maximum operating pressure	87 PSI
Outer diameter	34.2 mm
Filter housing	Polypropylene

ClearLine® PES 33 mm syringe filters



- PES membrane for optimised flow rate
- Threshold 0.22 or 0.45 µm
- Diameter 33 mm
- Sterile version with individual packaging

Part no.	Sterile	Threshold (µm)	Units/ box	€/ box
258462	No	0.22	100	**N/A -**
258463		0.45	100	**N/A -**
258466	Yes	0.22	50	**N/A -**
258467		0.45	50	**N/A -**

ClearLine® PVDF 33 mm syringe filters



- PVDF membrane for very low protein adsorption
- Good resistance to solvents
- Threshold 0.45 µm
- Diameter 33 mm
- Sterile version with individual packaging

Part no.	Sterile	Threshold (µm)	Units/ box	€/ box
258468	No	0.45	100	**N/A -**
258471	Yes	0.45	50	**N/A -**

ClearLine® cellulose acetate syringe filters



- Cellulose acetate versatile membrane
- Low protein adsorption
- Diameter 25 or 33 mm
- Threshold 0.22 or 0.45 µm
- Available in sterile form individually packaged

Part no.	Diameter (mm)	Sterile	Threshold (µm)	Units/ box	€/ box
395225	25	No	0.22	100	**N/A -**
395226		Yes	0.22	50	**N/A -**
258460	33	No	0.22	100	**N/A -**
258461			0.45	100	**N/A -**
258464		Yes	0.22	50	**N/A -**
258465			0.45	50	**N/A -**

ClearLine® PTFE 33 mm syringe filters



- PTFE hydrophobic membrane for air or solvent filtration
- Very good chemical resistance
- Threshold 0.22 or 0.45 µm
- Diameter 33 mm

Part no.	Threshold (µm)	Units/ box	€/ box
258469	0.22	100	**N/A -**
258470	0.45	100	**N/A -**

Mixed cellulose ester membrane filters

ClearLine

- Hydrophilic and mechanically stable
- High load capacity
- For microbiological analysis, colony counting or clarification

Threshold (µm)	0.22	0.45	0.65	0.8	1.2	3	5	8
Flow rate (mL/min/cm^2@10psi)	12-18	38-71	45-58	87-135	85-121	210-320	280-350	300-360
Bubble point (psi)	52-65	29-40	28-33	16-19	12-14	8-11	7-10	7-8

Non-sterile membranes

Ø (mm)	25		47		50		90	
Threshold (µm)	Part no.	€ for 100	Part no.	€ for 100	Part no.	€ for 100	Part no.	€ for 100
0.22	**258204**	**N/A -**	**258205**	**N/A -**	**258206**	**N/A -**	**258207**	**N/A -**
0.45	**258208**	**N/A -**	**258209**	**N/A -**	**258210**	**N/A -**	**258211**	**N/A -**
0.65	**258212**	**N/A -**	**258213**	**N/A -**	-	-	-	-
0.8	**258214**	**N/A -**	**258215**	**N/A -**	**258216**	**N/A -**	**258217**	**N/A -**
1.2	**258218**	**N/A -**	**258219**	**N/A -**	-	-	-	-
3	**258220**	**N/A -**	**258221**	**N/A -**	-	-	**258222**	**N/A -**
5	**258223**	**N/A -**	**258224**	**N/A -**	-	-	**258225**	**N/A -**
8	**258226**	**N/A -**	**258227**	**N/A -**	-	-	**258228**	**N/A -**

Sterile squared membranes

Ø (mm)	White with black squares				Black with white squares	
	47		50		47	
Threshold (µm)	Part no.	€ for 100	Part no.	€ for 100	Part no.	€ for 100
0.22	**258229**	**N/A -**	-	-	-	-
0.45	**258231**	**N/A -**	**258232**	**N/A -**	**258234**	**N/A -**
0.8	**258233**	**N/A -**	-	-	-	-

Sterile membranes

Ø (mm)	47		50	
Threshold (µm)	Part no.	€ for 100	Part no.	€ for 100
0.22	**258282**	**N/A -**	**258283**	**N/A -**
0.45	**258230**	**N/A -**	**258284**	**N/A -**

Sterile

Sterile membrane ClearLine®

- Membrane 47 mm
- Unified or gridded membrane
- Sterile in individual packaging version or continuous strip
- Material: cellulose nitrate, PES or MCE



Sterile MCE membrane 47 mm ClearLine®

- Membrane MCE mixed cellulose Esters
- For microbiological controls
- High load capacity

Part no.	Packaging	Threshold (µm)	Units/ box	€/ box
395209	Individual sterile packaging	0.22	100	31 -
395210		0.45	100	31 -
395211		0.8	100	40 -
395228	Continuous strip packaging	0.22	150	50 -
395213		0.45	150	51 -

Sterile cellulose nitrate membrane 47 mm ClearLine®

- Membrane with high flow rates
- Membrane for applications in microbiology



Part no.	Packaging	Threshold (µm)	Units/ box	€/ box
395206	Individual sterile packaging	0.22	100	35 -
395207		0.45	100	35 -
395208		0.8	100	45 -
395227	Continuous strip packaging	0.45	150	57 -

Sterile PES membrane 47 mm ClearLine®

- Sterilising filtration
- Very high throughput and capacity
- Low protein adsorption

Part no.	Packaging	Colour	Threshold (µm)	Units/ box	€/ box
395214	Individual sterile packaging	Black with white grid	0.22	100	70 -
395216		Black with white grid	0.45	100	66 -
395217		Solid white	0.22	100	59 -
395215	Packaging in continuous strip	White with black grid	0.22	150	90 -

Sterile filtration units ClearLine®

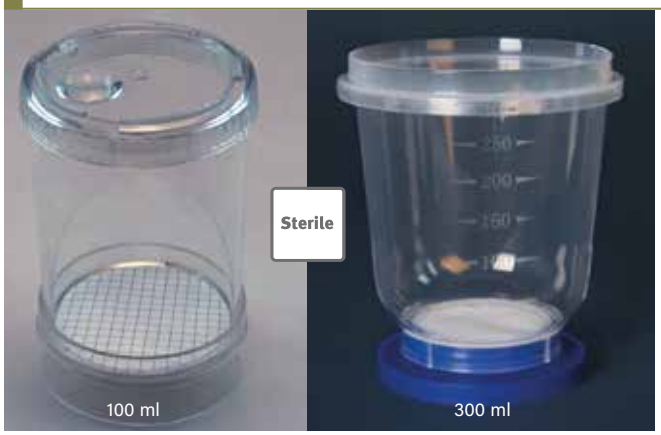
- Cut-off threshold 0.22 µm
- PES membrane for optimised flow rate
- Sterilized by gamma irradiated sal 10-6
- Lot number on each package



Part no.	Volume (ml)	Units/ box	€/ box
258457	250	12	170.40 -
258458	500	12	197.20 -
258459	1000	12	280 -

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Filtration funnels for microbiology ClearLine®



- Ready-to-use funnels for Microbiology
- Individual sterile packaging

Membrane: material/diameter	MCE or PES/47mm
Colour of the membrane	White with black grid
Filter	Hydrophobic polystyrene

Funnels 100 ml

- The funnel transforms into a Petri dish after filtration
- Compatibility with other brands' ramps with optional adapter additions
- White membrane with black grid
- Cut-off threshold 0.22 or 0.45 µm

Part no.	Membrane	Threshold (µm)	Units/ box	€/ box
258472	MCE	0.22	50	**368 -**
258473		0.45	50	**368 -**
395220	PES	0.22	50	**196 -**
395221		0.45	50	**196 -**

Funnels 300 ml

- Membrane MCE or PES with black grid
- Cut-off threshold 0.22; 0.45 or 0.8µm
- Exists as funnel only without membrane

Part no.	Membrane	Threshold (µm)	Units/ box	€/ box
395218	MCE	0.45	12	**94 -**
395219		0.8	12	**122 -**
395222	PES	0.22	12	**102 -**
395223		0.45	12	**102 -**
395224	Without	-	48	**133 -**

Essential accessories for funnel 100 ml

Part no.	Adapter for funnel 100 ml...	€
395229	on Microfunnel ramp Pall 4889	**8 -**
395230	on a silicone cap or on a Millipore EZ-Fit® hihe1	**8 -**
395231	on Millipore ramp EZ-Fit®	**8 -**
395232	on Microsart ramp	**8 -**



ClearLine® Top Cut Parafilm dispenser

Easy to use, to be placed directly on the Parafilm can.

- In ABS
- Easy to clean
- For 1 roll 10 cm or 2 rolls 5 cm
- Slider cutter for safe cutting
- Dimensions L x d x h: 123 x 172 x 99 mm

Part no.	Designation	€
257014	ClearLine® Top Cut film dispenser	N/A -



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Sterile Sachets ClearLine®

Without filter

z Sterile natural HDPE

Part no.	Volume (ml)	W x L (mm)	Pack. unit	Units/ box	€/ box
855133	400	180 x 300	50	500	N/A -
855133E	400	178 x 280	100	2000	N/A -
112121	400	300 x 175	25	500	N/A -

With side filter

Part no.	Volume (ml)	W x L (mm)	Pack. unit	Units/ box	€/ box
923024	400	190 x 300	25	500	N/A -

With full-page filter

Part no.	Volume (ml)	W x L (mm)	Pack. unit	Units/ box	€/ box
112120	400	190 x 300	25	500	N/A -

Biohazard colour sample bags



Bags for the transport of biological samples.

- Made of polyethylene
- Zip closure
- Orange “Biohazard” print
- Writing range
- Double pocket
- Dimensions: 16 x 16 cm

Part no.	Colour	Units/ box	€/ box
390934	Blue	1000	N/A -
390935	Red	1000	N/A -
390936	Orange	1000	N/A -
390937	Pink	1000	N/A -
390938	Purple	1000	N/A -
390607B	Yellow	1000	N/A -
390608B	Green	1000	N/A -
390854B	Transparent	1000	N/A -

ClearLine® permanent markers





Extra thin tip

- Ink resistant to -20°C
- Water and rub resistant ink
- Fast drying on the substrate
- Xylene and toluene free ink
- Line width:
  - double tip: 0.6 mm and 1.5 mm
  - medium tip: 1.0 mm
  - extra-fine tip: 0.4 mm

Colour	Double tip		Medium tip		Super fine tip	
	Part no.	€	Part no.	€	Part no.	€
Red	-	-	929208	N/A -	929204	N/A -
Blue	-	-	929209	N/A -	929205	N/A -
Green	929202	N/A -	929210	N/A -	929206	N/A -
Black	-	-	929211	N/A -	929207	N/A -
Yellow	-	-	929218	N/A -	929214	N/A -
Orange	-	-	929219	N/A -	929215	N/A -
Purple	-	-	929220	N/A -	929216	N/A -
Brown	-	-	929221	N/A -	929217	N/A -

Cases (4 colours: red, blue, green and black)

Part no.	Designation	€
929212	Set of 4 markers with extra fine tip	N/A -
929213	Set of 4 markers with medium tip	N/A -

ClearLine® adhesive tapes

Coloured rolls of adhesive tape designed for the laboratory

- Robust, resistant to water, oil and acids
- Used in the freezer at - 80°C and in an autoclave for 15 minutes at + 121°C
- For marking with pen, pencil or permanent marker
- Sticks to most surfaces: glass, plastic and metals
- Easy and clean to remove
- Available in 2 lengths (12 m and 55 m) and 3 widths (13, 19 and 25 mm)



Rainbow Packs: assorted colours

Designation	Contents (in rolls)							Part no.	€
	White	Yellow	Red	Orange	Green	Blue	Pink		
Rainbow Pack: 24 rolls 12 m x 13 mm	5	4	3	3	3	3	3	188007	N/A -
Rainbow Pack: 16 rolls 12 m x 19 mm	4	2	2	2	2	2	2	188015	N/A -
Rainbow Pack: 12 rolls 12 m x 25 mm	2	2	2	1	2	1	2	188023	N/A -

ClearLine® adhesive tape length 12 m

Width (mm)	13		19		25	
No. of rolls	6	1	4	1	3	1
White	188000	188000A	188008	188008A	188016	188016A
Yellow	188001	188001A	188009	188009A	188017	188017A
Green	188002	188002A	188010	188010A	188018	188018A
Red	188003	188003A	188011	188011A	188019	188019A
Orange	188004	188004A	188012	188012A	188020	188020A
Blue	188005	188005A	188013	188013A	188021	188021A
Pink	188006	188006A	188014	188014A	188022	188022A
Turquoise	188048	188048A	188050	188050A	188052	188052A
Fuchsia	188049	188049A	188051	188051A	188053	188053A
Ochre	188061	188061A	188071	188071A	188081	188081A
Salmon	188062	188062A	188072	188072A	188082	188082A
Copper	188063	188063A	188073	188073A	188083	188083A
Purple	188064	188064A	188074	188074A	188084	188084A
Lavender	188065	188065A	188075	188075A	188085	188085A
Grey	188066	188066A	188076	188076A	188086	188086A
Lime	188067	188067A	188077	188077A	188087	188087A
Chartreuse green	188068	188068A	188078	188078A	188088	188088A
Gold	188069	188069A	188079	188079A	188089	188089A
Silver	188070	188070A	188080	188080A	188090	188090A
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

ClearLine® adhesive tape length 55 m

Width (mm)	13		19		25	
No. of rolls	6	1	4	1	3	1
White	188024	188024A	188031	188031A	188038	188038A
Yellow	188025	188025A	188032	188032A	188039	188039A
Green	188026	188026A	188033	188033A	188040	188040A
Red	188027	188027A	188034	188034A	188041	188041A
Orange	188028	188028A	188035	188035A	188042	188042A
Blue	188029	188029A	188036	188036A	188043	188043A
Pink	188030	188030A	188037	188037A	188044	188044A
Turquoise	188054	188054A	188056	188056A	188058	188058A
Fuchsia	188055	188055A	188057	188057A	188059	188059A
Ochre	188091	188091A	188101	188101A	188111	188111A
Salmon	188092	188092A	188102	188102A	188112	188112A
Copper	188093	188093A	188103	188103A	188113	188113A
Purple	188094	188094A	188104	188104A	188114	188114A
Lavender	188095	188095A	188105	188105A	188115	188115A
Grey	188096	188096A	188106	188106A	188116	188116A
Lime	188097	188097A	188107	188107A	188117	188117A
Chartreuse green	188098	188098A	188108	188108A	188118	188118A
Gold	188099	188099A	188109	188109A	188119	188119A
Silver	188100	188100A	188110	188110A	188120	188120A
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

ClearLine® dispensers for rolls

Part no.	Designation	€
188045	Multi-roll dispenser for 55 m adhesive tapes, 4 compartments of 60 mm	N/A -
188046	Multi-roll dispenser for 12 m adhesive tapes, 4 compartments of 65 mm	N/A -
188047	ClearLine® individual dispenser for 12 m adhesive tape	N/A -
188060	ClearLine® Individual dispenser for 12 and 55 m adhesive tapes	N/A -





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ClearLine® labels for cryogenics

- Operating temperature: -196 °C to +121 °C
- On US letter size sheet, for laser printer
- Marking with pen and marker
- Does not come off in a water bath


188459


188401

Safety labels

Ø (mm)	9.5
Biohazard	188499
Radioactive	188500
Units/roll	1000
€	N/A -

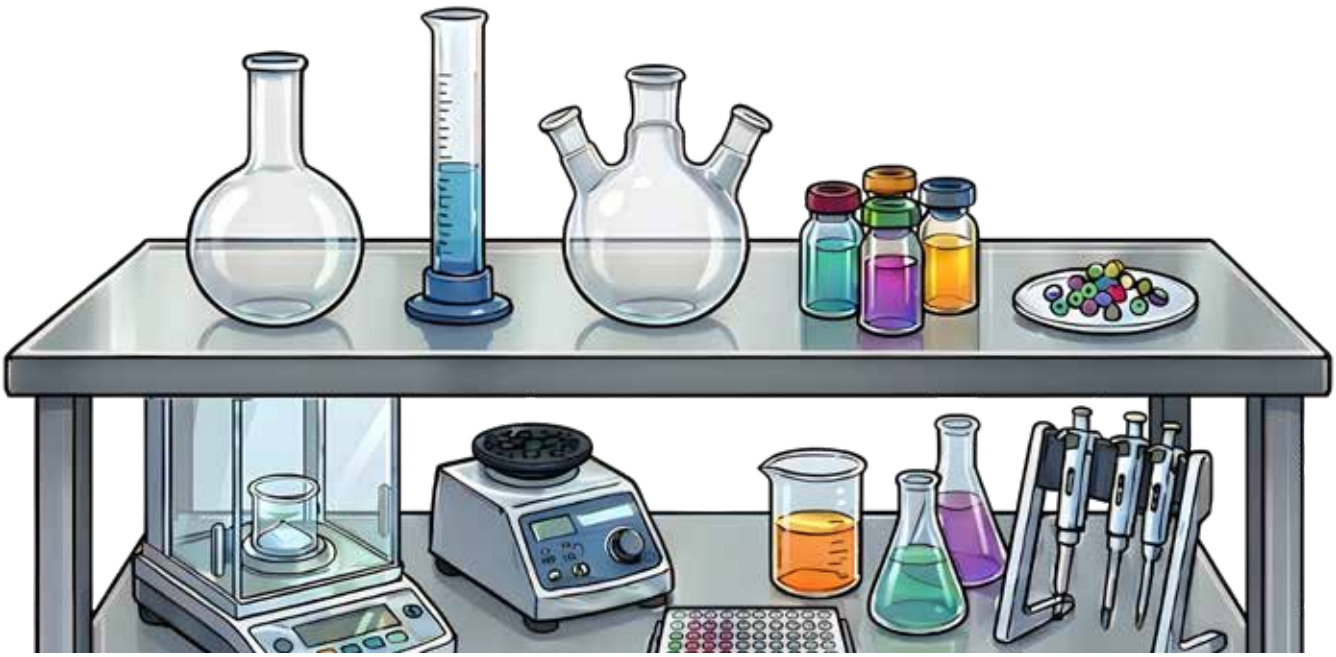
Labels on sheet

Dimensions L x W or Ø (mm)	9.5	13	24 x 13	33 x 13	38 x 6	38 x 19	43 x 19	67 x 25	76 x 51	25 x 25
For	Microtubes 0.5 - 1.5 ml	Microtubes 1.5 - 2 ml	Microtubes 0.5 ml	Microtubes 1.5 - 2 ml	Microplates	General	Cryotubes	Boxes	Boxes	Microscope slides
White	188401	188408	188415	188422	188429	188436	188443	188450	188457	188458
Blue	188402	188409	188416	188423	188430	188437	188444	188451	-	-
Green	188403	188410	188417	188424	188431	188438	188445	188452	-	-
Yellow	188404	188411	188418	188425	188432	188439	188446	188453	-	-
Orange	188405	188412	188419	188426	188433	188440	188447	188454	-	-
Red	188406	188413	188420	188427	188434	188441	188448	188455	-	-
Units/package	3840	3840	2380	1700	3120	1200	1040	600	240	1600
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Assorted colours	188407	188414	188421	188428	188435	188442	188449	188456	-	-
Units/package	4800	4800	2975	2125	3900	1500	1300	750	-	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	-

Labels on roll

Dimensions L x W or Ø (mm)	9.5	13	19	25	21 x 7	24 x 13	33 x 13	38 x 19
For	Microtubes 0.5 - 1.5 ml	Microtubes 1.5 - 2 ml	Tubes 15 - 50 ml	Tubes 50 ml	Microtubes 0.5 ml	Microtubes 0.5 ml	Microtubes 1.5 - 2 ml	General use
White	188459	188471	188483	188484	188485	188486	188487	188493
Lavender	188460	188472	-	-	-	-	-	-
Blue	188461	188473	-	-	-	-	188488	188494
Green	188462	188474	-	-	-	-	188489	188495
Yellow	188463	188475	-	-	-	-	188490	188496
Orange	188464	188476	-	-	-	-	188491	188497
Pink	188465	188477	-	-	-	-	-	-
Red	188466	188478	-	-	-	-	188492	188498
Brown	188467	188479	-	-	-	-	-	-
Gold	188468	188480	-	-	-	-	-	-
Silver	188469	188481	-	-	-	-	-	-
Units/roll	1000	1000	1000	500	1500	1000	1000	1000
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Assorted colours*	188470	188482	-	-	-	-	-	-
Units/roll	5000	5000	-	-	-	-	-	-
€	N/A -	N/A -	-	-	-	-	-	-

* Colours: green, red, blue, yellow and purple.



Mini magnetic stirrer AM-Eco ClearLine®

- Suitable for magnetic bars up to 40 mm
- Supplied with probe support

Model	AM-Eco
Stirring capacity (l)	1.5
Speed (rpm)	300 - 2000
Tray dimensions (mm)	120 x 115
Plate materials	PET
Dim. (W x D x H) (mm)	150 x 144 x 54
Weight (kg)	0.3
Conditions to use	+5 to +40 °C / 80% HR
Part no.	**258533**
€	**N/A -**



ClearLine®mini magnetic stirrer

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



Heated magnetic stirrers ClearLine® AMC series

- Chemical-resistant ceramic platform
- Heating mode selection for quicker variation or precise temperature control
- RS232 connection for PC control

Model	AMC-5	AMC-7
Interface	Digital	
Stirring capacity (l)	20	
Speed (rpm)	50 - 1500	
Heating temperature (°C)	Ambient to 340 °C	Ambient to 550 °C
Ø plate (mm)	Ø 135	184 x 184
Plate materials	Ceramic-coated aluminium	Ceramic
Timer	1min - 99h59min	
Pt1000 probe port	Yes (not included)	
Dimensions (l x d x h) (mm)	271 x 175 x 98	360 x 230 x 110
Weight (kg)	2.2	4.3
Conditions to use	+5 to +40 °C / 80% HR	
Protection class	IP42	IP21
Part no.	**258519**	**258521**
€	**N/A -**	**N/A -**
Part no. kit (+ probe + stand)	**258520**	**258522**
€	**N/A -**	**N/A -**



258519



258522

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Clearline PCH-4 heating plate





- Chemical-resistant ceramic platform
- Heating mode selection for quicker variation or precise temperature control
- RS232 connection for PC control

Model	PCH-4
Interface	Digital
Capacity (l)	10
Heating temperature (°C)	Ambient to 550°C
Tray dimensions (mm)	100 x 100
Plate materials	Ceramic
Pt1000 probe port	Yes (not included)
Dimensions (l x d x h) (mm)	270 x 175 x 108
Weight (kg)	1.8
Conditions to use	+5 to +40 °C / 80% HR
Protection class	IP21
Part no.	**258517**
€	**N/A -**
Part no. kit (+ probe + stand)	**258518**
€	**N/A -**

ClearLine® miniature vortex mixer



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 -**



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



Control panel



Classic plus



Classic Podiaclave

Model	Classic	Classic plus	Classic Média	Classic Podiaclave
Chamber volume	9	12	12	9
Chamber size Ø x H (mm)	210 x 230	210 x 270	210 x 270	210 x 230
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 kg
Dimensions Ø x H (mm)	340 x 335	340 x 420	340 x 420	340 x 335
Weight (kg)	5.4	6.3	6.3	5.4
Type of lid	Standard	With handle and thermometer	Standard	Standard
Printer	No	No	Optional	Optional
Equipment+A9:A22AA9:A22	Basket	Basket	Basket	Basket
Part no.	**434000**	**434001**	**434002**	**434003**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

ClearLine BSA-100R shaking Dry Bath Heating and Cooling

- Magnetic attachment blocks for quick, simple, and secure changeover

Model	BSA-100R
Interface	Digital
Speed (rpm)	200 - 1500
Orbit (mm)	3
Temperature range	Ambient -15 to +100°C
Accuracy (°C)	± 0.5
Uniformity (°C)	± 0.5
Heating rate	5.5°C / min
Cooling speed	5°C / min
Operating mode	Continuous or timer
Timer	0 to 99h59min
Programming	9 programmes
Dimensions (l x d x h) (mm)	200 x 235 x 120
Weight (kg)	7.3
Conditions to use	+10 to +40 °C / 80% HR
Part no.	**258523**
€	**N/A -**

Dry bath with shaking, must be equipped with a block.



Blocks

Part no.	Compatibility	Capacity	€
861197	Microtube 0.5 ml	24	**N/A -**
861198	Microtube 1.5 ml	24	**N/A -**
861199	Microtube 2.0 ml	24	**N/A -**
861230	5.0 ml tube	8	**N/A -**
861182	Microtube 5.0 ml	8	**N/A -**
861231	15 ml centrifuge tubes	8	**N/A -**
861232	50 ml centrifuge tubes	4	**N/A -**
861234	96-well PCR plate or 0.2 ml microtubes	1	**N/A -**
861233	Microplates SBS format	1	**N/A -**

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SLS Lab Basics microcentrifuges



- Ideal microcentrifuges for spinning down droplets to the bottom of microtubes or PCR tubes
- Compact design
- Silent (≤ 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 W 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 -**

Palm SLS Lab Basics microcentrifuges



This centrifuge is ideal for laboratory routines:
short centrifugation, microfiltration and cell separation.

- Screen: OLED with speed and time display
- Quiet, economical engine

Supplied 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. (W x D x H) (mm)	210 x 180 x 130	
Weight (kg)	1.5	
Part no.	**258366**	**258368**
€	**N/A -**	**N/A -**

ClearLine® microcentrifuge for PCR plates





Before and after centrifugation



During centrifugation

- Unique free rotor design prevents splashing
- Smaller size
- Accepts all types of PCR plates, microplates, and Deepwell plates (with optional rotor)
- Supplied with 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 -**

ClearLine® timer ClearTime I

- Up/down counter
- Fast incrementing
- 30 s alarm
- Capacity: 100 min /s
- Screen: 27 x 12 mm
- Digits: 10 mm
- Dimensions: 62 x 52 x 24 mm
- With stand and magnet
- Supplied with batteries



Part no.	Designation	€
257091	ClearTime I timer	N/A -
095304B	LR 44 button battery (2 units)	N/A -

ClearTime II ClearLine® Timer

- Up to 2 counters and/or 2 down counters
- Clock, alarm, snooze functions
- Fast incrementing
- 2 alarms 1 mm
- Capacity: 24 hours per second
- Exceeding time
- Screen: 40 x 17 mm
- Digits: 15 mm
- Dimensions: 67 x 55 x 20 mm
- With stand, clamp and magnet
- Supplied with batteries



Part no.	Designation	€
257092	ClearTime II timer	N/A -

ClearLine® DNA and PCR workstations

- UV chamber with bactericidal UV lamps of wavelength 254 nm
- Models with glass or plexiglass walls
- Touch screen
- 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



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 d 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.	258696	258694	258695
€	N/A -	N/A -	N/A -

View prices on our website

Notes

Notes

Our teams are at your disposal
to provide you with all technical information, certificates and samples.

Technical information | Certificates | Samples

Contact us !



Cultek BioLab teknovas

Group Dutscher IBERICA