

General data	
Dimension (W x D x H)	470 x 447 x 135 mm
Space above	380 x 410 mm
Weight	3,200 g

AS 4000.1 Universal attachment
For various types of vessels, flasks, bottles, clamping rolls, universal adaptation to the vessels, included with delivery.
1 x Basic holder, 6 x Clamping roll, 12 x Fastening screw



Basic holder, 3710250

General data	
Dimension (W x D x H)	470 x 447 x 25 mm
Number of fixing clips (Volume)	50 x AS 2.1, 125 x H, 85 x AS 2.2, 100 x H, 16 x AS 2.4, 100 x H, 16 x AS 2.4, 100 x H, 12 x AS 2.5, 100 x H, 7 x AS 2.6, 100 x H
Weight	420 x 42 mm, 2,600 g

AS 4000.2 Fixing clip attachment
For shaking flasks, Erlenmeyer flasks and bottles with a round cross-section (without fixing clips).



Basic holder, 3710100

General data	
Dimension (W x D x H)	200 x 200 mm
Weight	300 g
Maximum speed	300 rpm
Number of adhesive mass per shaker	KS 130 1 pcs., KVS 260 3 pcs., KVS 501 4 pcs., AS 6000 4 pcs.

STICKMAX
New universal adhesive mat for the fixing clip attachments of KS 130, KVS 260, KVS 501 and AS 4000.1 shakers.
- Ideal for frequently changing vessel types and
- Self-healing
- Vessels can be easily removed thanks to side sliding separation
- High separation force
- Push-away strength required: 5 N/cm²



Basic holder, 3920000

General data	
Dimension (W x D x H)	470 x 447 x 25 mm
Space above	430 x 430 mm
Weight	800 g

AS 4000.3 Dish attachment
For smooth shaking operations in the low viscosity range, e.g. for cell cultures, nutrient media in Petri dishes, culture bottles and vessels with a low center of gravity. With integrated slip-resistant foil (PP).



Basic holder, 3710000

General data	
Dimension (W x D x H)	446 x 447 x 135 mm

AS 1,400 Basic holder
Spares for use with universal attachment AS 4000.1.



Basic holder, 3710200

General data	
Length	417 mm

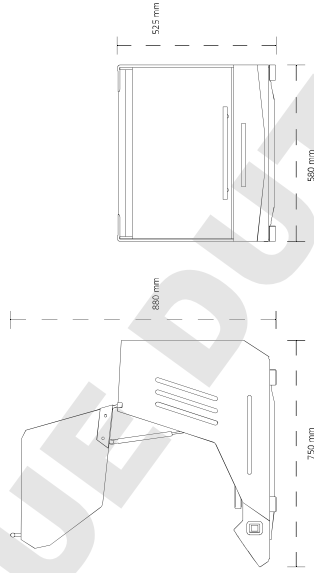
AS 1,402 Fastening screw
Spare for use with universal attachment AS 4000.1. For use with 1,400 fastening screw are required. Screws to clamping roll onto the corresponding basic holder.



Basic holder, 3712300

KS 4000 i control Incubator Shaker

– compact – space-saving – strong in lower rotation ranges



General data	
Dimensions (W x D x H)	580 x 750 x 525 mm
Space required (W x D)	580 x 580 mm
Weight	50 kg



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Subject to general design. Reservations reserved for all users.



Designed to work perfectly



KS 4000 i/ic control



Designed to work perfectly

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DOMINI

KS 4000 i control

New incubator shaker with innovative design allowing unattended operation in a temperature-controlled environment.



Junction box in the neck space for connection of an additional temperature sensor (e.g. PT 1000.68) for direct temperature measurement in medium

Insulated double wall for constant temperature control

Large LED display:
For speed and time settings
Electronic temperature display
Electronic timer switch

Controls with antimicrobial coating
for reduction of bacteria

Ergonomic operating surface

Quality down to the last detail

Shaking drive	
Shaking movement	orbital
Orbital diameter	20 mm
Max. shaking weight (with attachment)	20 kg
Motor rating input/output	82/24 W
Power consumption (at 230 V)	1,120 W
Permissible ON time	100 %
Infinately adjustable speed range	10 to 500 rpm
Speed, time and temperature display	digital
Heating function	
Heat output	1,000 W
Temperature range	RT + 5 °C to 80 °C
Temperature stability (200 ml H ₂ O at target T = 37 °C, RT 25 °C)	0,1 K
Timer switch (select minutes / hours)	∞ / 1 - 999 "
Additional cooling function for KS 4000 i control	
Cooling coil	built-in
Temperature range at low temperature (0 °C) (V 600)	RT - 10 °C to 80 °C
Cooling connection for tubes	Ø 10 mm
Adapter nipple for hose connection	yes
General data	
Dimensions (W x H x D)	560 x 750 x 525 mm
Space required (W x D)	560 x 580 mm
Weight	55 kg
Permissible ambient temperature	15 - 32 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 30
Interface	RS 232
KS 4000 i control	230-240 V / 50/60 Hz
KS 4000 i control with built-in cooling coil	230-240 V / 50/60 Hz
	Item No. 3510000
	Item No. 3510100

Attachments not included -
please order accessories as needed.

5 Year warranty*

* 2 + 3 years after registering at www.koch.com/register, software and warranty parts included

- KS 4000 i control with built-in cooling coil for connection to an external cooling unit e.g. KV 600.
- Collecting tray with drain hose on rear of unit
- PT 1000.60 temperature sensor included with unit
- In use (LED) temperature control (use of two PT 1000 temperature sensors)
- Unit stops automatically when hood is lifted
- Simple operation
- All functions can be controlled and documented using the "BioWizard" software
- Low vibration and low-noise operation
- Outstanding stability. Cast aluminium base plate

