



designed for scientists

EN



PRODUCT OVERVIEW 2019  
The fascinating world of laboratory equipment

## /// PRODUCT OVERVIEW 2019



WE ARE COMMITTED TO PROVIDING INNOVATIONS THAT MAKE YOUR WORK SAFER, FUTURE-ORIENTED AND SMARTER.

/// Discover the fascinating world of laboratory equipment and analytical technologies.

Our new product overview 2019 is ready for you. As a leading manufacturer of laboratory, analytical and processing equipment, we always strive for the best and latest technology for scientists to successfully focus on their work.

### Mixing

- 18 Magnetic Stirrers
- 30 Overhead Stirrers
- 42 Shakers

### Crushing

- 54 Dispersers
- 62 Mills

### Measuring Viscosity

- 68 Torque Measurement Instruments
- 70 Viscometers

### Vacuum Technology

- 74 Vacuum Pumps
- 77 Vacuum Controller

### Separation

- 96 Rotary Evaporators
- 102 Centrifuges

### Reactor Systems

- 108 Laboratory Reactors
- 114 magic PLANT
- 115 Photo Bioreactors

### Calorimetry

- 118 Calorimeters
- 121 Decomposition Systems

### Accessories

- 126 Mechanical & Electronic Accessories

### Electrochemistry

- 12 ElectraSyn 2.0
- 16 Screening System

### Heating / Cooling / Tempering

- 78 Temperature Control
- 88 Dry Block Heaters
- 92 Heating Baths
- 94 Drying Ovens

### Liquid Handling

- 104 Pipettes

### Controlling / Measuring

- 116 labworldsoft® 6
- 117 CalWin 6040

### IKA Packages

- 128 Packages



### /// OUR INVENTIONS

With three major world firsts and a total of 60 new products, IKA proudly presented itself at the ACHEMA 2018 in Frankfurt.

In recent years scientists, engineers and technicians have developed innovative devices that greatly simplify workflows in various ways. The result is time saving and thus significantly more efficiency in the laboratory.

Find out more about the newest products which are extending our portfolio.

### /// Torque Measurement Instruments

IKA Starvisc 200-2.5 control, the new torque measuring stirrer, is a globally unique system: it simultaneously measures and displays viscosity during product development.

### /// Shakers

Shaking is one of IKA's core competencies. With IKA Matrix, there is a new powerful product family of thermoshakers available. Mixing, heating, cooling, or all at once? No limits are set with IKA Matrix.

### /// Pipettes

An ergonomic feel combined with uncompromising precise performance: the IKA single fix and vario pipettes can be used for many applications in the modern laboratory.

### /// Centrifuges

Separating substances at medium rotational speeds: IKA G-L is the ideal midi centrifuge for all types of separation processes such as those found in molecular biology.

### /// Viscometers

Thanks to the all new ROTAVISC series, you can now process your samples with the tried-and-tested IKA laboratory device structure right up to the viscosity measurement stage.





### /// Drying Ovens

The models in the IKA Oven 125 dry series have the largest drying chambers in their class and are powerful devices for temperature regulation, drying, ageing and heating tasks.

### /// Mills

With MultiDrive we present the globally unique all-rounder in coarse and fine crushing. Thanks to the large number of vessels, the device handles a wide variety of crushing tasks, for hard, soft or fibrous samples.



### /// Overhead Stirrers

A reduced design and the focus on the most essential aspects make the new IKA MICROSTAR and MINISTAR stirrers reliable laboratory companions.



### /// Dispersers

T 25 easy clean high-performance disperser is globally without equal. For the first time, it is possible to clean its tool without dismantling, because the rotor can be extended in one simple step.



### /// Calorimeters

The champion of modern calorimetry has been developed even further. The new C 6000 has an intuitive touch screen with unique user guidance. Its high level of automation simplifies everyday work and enables high sample throughput.

### /// Magnetic Stirrers

More power or more individualization? We offer both: The new RCT 5 digital with 800 W is now even more powerful and IKA myPlate combines excellent technical features with the option of creative individualization.





## /// THINKING ABOUT SAFETY

Keeping the users of our laboratory equipment safe in the lab is one of our top priorities. Because of this, all of our products meet the highest safety standards, have CE certifications and adhere to the requirements set forth by common norms such as DIN IEC EN 61010-1, DIN IEC EN 61010-2-010, DIN EN IEC 61010-2-051 or DIN IEC EN 61326-1. We have added many safety features to our products such as a safety stop, chemical resistant housing and an adjustable safety temperature to ensure safe operation.

### Magnetic Stirrers

The newest generation of our magnetic stirrers have hardened, shatterproof glass tops, which are particularly chemical resistant as well. The magnetic stirrers with heating function, have a 'hot' alert as soon as the plate surface temperature rises above 50 °C. The RET control-visc has a special safety feature; if the temperature is above 50 °C, although the unit is turned off, the screen will continue to display the temperature, reminding the user that the surface is still hot. If the temperature falls below 50 °C, the display will turn off automatically. A lock function prevents accidental changes in speed and temperature settings. Furthermore, safety circuits are adjustable and to simplify troubleshooting, the error codes will display on the menu.



### Overhead Stirrers

Our overhead stirrer series is sturdily built and comes with a particularly chemical resistant housing. During operation devices can be locked to prevent accidental adjustment. Apart from that, the stirrers will automatically switch off in case of an imbalance of the stirring tool. The safety circuits are adjustable depending on the requirement and in addition, there is a protection against overload.



### Laboratory Reactors

The modular laboratory reactor systems' design optimizes chemical reaction processes in the lab. Partially they are equipped with removable WiCo (wireless controller) for remote and safe use in a fume hood. Their safety circuit is manually adjustable and some systems have an integrated safety shutdown when the vessel or lid is removed from the base. In addition, functions lock to prevent accidental adjustment.



### Rotary Evaporators

A large range of safety features is integrated into our rotary evaporator series. The motorized lift provides a safety stop function that automatically lifts the evaporation flask out of the heating bath in case of power failure. Additional user safety functions include adjustable temperature safety circuits, protection against boiling dry, adjustable end-point recognition to prevent glass breakage, and a locking function.





## /// THINKING ABOUT SAFETY

### Dispersers

T 25 easy clean digital and control are the latest members of the disperser product family. The devices have a brushless DC motor with a noise level of 70 dB, which ensures a significant noise reduction in the lab and allows carbon dust-free operation. The control version additionally detects temperature and operation time.

Just like our other dispersers, they have a particularly resistant housing, a shaft in place detection and the motor is protected against overload. Our ULTRA-TURRAX® Tube Drive dispersers are operated with closed, disposable tubes, which provide user protection and reduce the risk of cross-contamination.



### Temperature Control

Our temperature control portfolio combines safety, power and intelligence. All devices have an ergonomic and well thought-out design to ensure safe handling. The pump speed and safety temperature is adjustable. Additionally, the user can select the thermal fluid in the menu, which ensures that the temperature remains outside of critical values for that fluid. Critical minimum or maximum levels are recognized mechanically by the float and electronically by a temperature sensor.

Furthermore, the user is informed about a critical fluid level, critical temperature or a blocked pump. Devices equipped with the wireless controller (WiCo) allow remote control, e.g. when having the device in a fume hood.

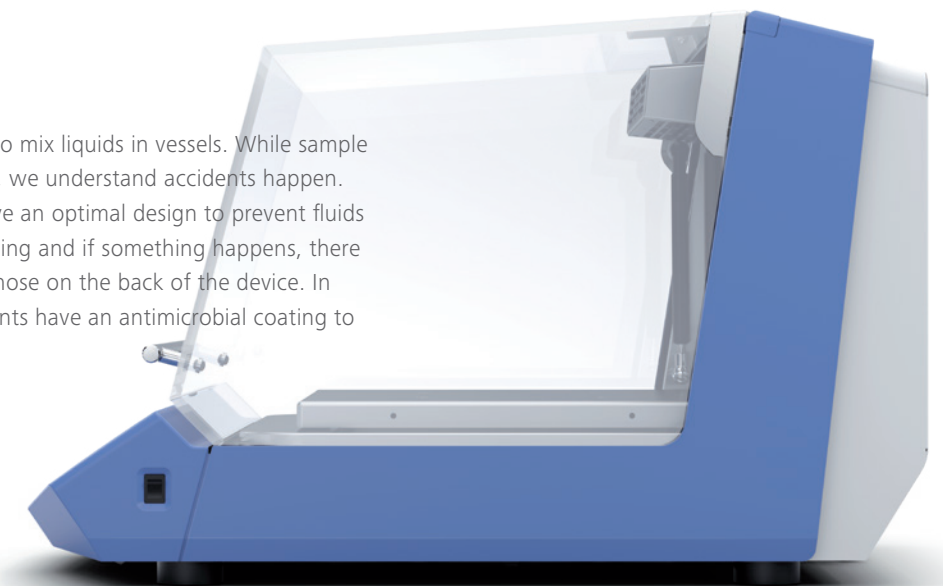


### Mills

Our mills are suitable to grind hard, brittle, soft and fibrous materials. To avoid accidents, mills will only start when the hood is completely closed. If the grinding chamber is not inserted properly or not closed properly, the drive unit will display an error message and the mill will not start. Furthermore, the hood will only open at standstill. A quick stop feature further increases the safety of the user. The Tube Mill control and 100 control are batch mills with disposable grinding chambers, which help to eliminate the possibility of cross-contamination. Safety speed and time are adjustable.

### Shakers

Shaking devices are used to mix liquids in vessels. While sample spilling should be avoided, we understand accidents happen. Therefore, our shakers have an optimal design to prevent fluids from penetrating the housing and if something happens, there is a drip tray with a drain hose on the back of the device. In addition, all control elements have an antimicrobial coating to reduce germs.





In a unique endeavor, IKA owner René Stiegelmann has partnered up with Professor Phil S. Baran of the world-renowned Scripps Research Institute in La Jolla, California (USA). Over three years, engineers and chemists have worked hand in hand to develop a product combining two divisions of chemistry communities: the Electrochemical and the mainstream Synthetic Organic Chemistry Communities that traditionally don't have much in common.

## ELECTRASYN 2.0 PACKAGE

/// Your chemistry has potential

Three devices  
in one



ElectraSyn 2.0 essentially combines three products in one and will facilitate the mass adoption of electrochemistry for preparative organic synthesis: a potentiostat, an analytical device and a stir plate. It is a compact, user friendly and cost effective platform for organic chemists to explore electrochemistry.

The ElectraSyn 2.0 Ready-To-Go package includes all that is required to for your first experiment: Potentiostat, including a single 10 ml vial, vial holder, stir plate (aluminum), and a set of electrodes (graphite).



### ElectraSyn 2.0 Package

£ 2,361.00

Ident. No. 0020008980



- › ElectraSyn 2.0 base unit
- + vial holder
- + single vial, 10 ml, complete
- + 2 electrodes (graphite)
- + stir plate (aluminum)
- + stir bar

Ready-To-Go  
package

### ElectraSyn 2.0 pro Package

£ 2,777.00

Ident. No. 0040003261



- › ElectraSyn 2.0 base unit
- + vial holder
- + single vial, 10 ml, complete
- + 2 electrodes (graphite)
- + stir plate (aluminum)
- + stir bar
- + set of CV electrodes:
- + CV glassy carbon
- + CV platinum
- + reference electrode Ag | AgCl

#### TECHNICAL DATA

Stirring quantity max. (H <sub>2</sub> O)	0.1 l
Speed range	50 – 1500 rpm
Voltage output	30   10 V
Current output	100 mA
Display	TFT
Permissible ambient temperature	5 – 50 °C
Dimensions (W × H × D)	130 × 150 × 250 mm
Protection class according to DIN EN 60529	IP 40

#### ELECTRASYN 2.0 PACKAGE | PRO PACKAGE

#### ELECTRASYN 2.0 APP

Monitor reactions as well as CV graphs, transmit experiments, receive software update notifications, access the online IKA store for ordering supplies, and receive latest video tutorial updates. ElectraSyn 2.0 is a device that improves over time through regular software updates available through a simple app. You can also use the app to configure your ElectraSyn 2.0 by shopping available devices and accessories.







Carousel complete



ElectraSyn Complete Starter Kit



ElectraSyn MicroStarter Kit complete

Product	Description	Ident. No.	Price
CAROUSEL			
Carousel	Attachment for multi measurements	0020017512	£ 1,986.00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	£ 2,777.00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	Price on request
VIALS / ELECTRODES			
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	£ 115.00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	£ 106.00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	£ 108.00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	£ 264.00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	£ 180.00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	£ 193.00
ElectraSyn Electrode Starter Kit	Kit of 9 electrodes, set of 12 (glassy carbon, set of 2 only)	0020017204	£ 1,382.00
ElectraSyn Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	£ 972.00
ElectraSyn vials only	Kit of 10 x 5 ml, 10 x 10 ml, 10 x 20 ml vials	0010003811	£ 639.00
ElectraSyn Complete Starter Kit	Kit of 5 ml, 10 ml, 20 ml vials complete; 10 spare vials of each volume; 9 electrodes, set of 12 (glassy carbon, set of 2 only)	0040004013	£ 2,355.00
MICROVIALS / MICROELECTRODES			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	£ 144.00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	£ 144.00
Set micro glass vial 1 ml	Glass vial 1 ml, set of 10	0020017207	£ 378.00
Set micro glass vial 2 ml	Glass vial 2 ml, set of 10	0020017206	£ 373.00
ElectraSyn Micro-electrode Starter Kit	Kit of 8 electrodes, set of 12 (glassy carbon, set of 2 only)	0040004016	£ 2,033.00
ElectraSyn microvials only	Kit 10 x 1 ml, 10 x 2 ml vials	0040004103	£ 751.00
ElectraSyn Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	£ 1,040.00
ElectraSyn Micro-Starter Kit complete	Kit of 1 ml and 2 ml vials complete; 10 spare vials of each volume; 8 electrodes, set of 12 (glassy carbon, set of 2 only)	0040004015	£ 2,930.00



Product	Ident. No.	Price
ELECTRODES		
① Electrode graphite	0040002858	£ 152.00
② Electrode glassy carbon	0040002842	£ 114.00
Electrode lead bronze	0020016076	£ 115.00
Electrode lead	0040002843	£ 286.00
Electrode tungsten	0040002845	£ 292.00
Electrode niobium	0040002846	£ 80.00
③ Electrode copper	0040002847	£ 79.00
Electrode magnesium	0040002848	£ 280.00
Electrode titanium	0040002849	£ 260.00
Electrode zinc	0040002850	£ 260.00
Electrode stainless steel	0040002851	£ 69.00
④ Electrode platinum plated	0040002852	£ 98.00
Electrode gold plated	0040002853	£ 262.00
⑤ Electrode silver plated	0040002854	£ 48.00
Electrode aluminum	0040003174	£ 69.00
Electrode boron doped diamond	0040002856	£ 455.00
Electrode tin	0040002857	£ 274.00
⑥ Electrode nickel	0040002859	£ 80.00
⑦ Electrode RVC foam	0040002860	£ 258.00
Electrode nickel foam	0040002861	£ 62.00
Electrode cobalt	0040003385	£ 42.00
⑧ Electrode reference	0040002865	£ 178.00



Product	Ident. No.	Price
MICROELECTRODES		
① Microelectrode aluminum	0040004029	£ 51.00
Microelectrode BDD	0040004036	£ 642.00
② Microelectrode cobalt	0040004039	£ 109.00
③ Microelectrode copper	0040004027	£ 52.00
④ Microelectrode glassy carbon	0040004022	£ 140.00
⑤ Microelectrode gold	0040004034	£ 183.00
Microelectrode graphite 5K-50	0040004021	£ 186.00
Microelectrode lead	0040004028	£ 763.00
⑥ Microelectrode lead bronze	0040004030	£ 198.00
Microelectrode magnesium	0040004025	£ 446.00
Microelectrode nickel	0040004023	£ 585.00
⑦ Microelectrode nickel foam	0040004101	£ 80.00
⑧ Microelectrode niobium	0040004032	£ 185.00
Microelectrode platinum	0040004038	£ 92.00
Microelectrode platinum foil	0040005015	£ 511.00
Microelectrode silver	0040004035	£ 62.00
Microelectrode stainless steel	0040004024	£ 51.00
Microelectrode tin	0040004037	£ 513.00
Microelectrode titanium	0040004033	£ 446.00
Microelectrode tungsten	0040004031	£ 82.00
Microelectrode zinc	0040004026	£ 446.00
Microelectrode graphite V2100	0040004040	£ 120.00

Screening System Package  
(8 cells)

£ 11,012.00  
Ident. No. 0040003865



Screening System Package  
(6 cells)

£ 11,966.00  
Ident. No. 0040003859



TECHNICAL DATA

SCREENING SYSTEM  
PACKAGE (6 | 8 CELLS)

CONTINUOUSLY ADJUSTABLE POWER SUPPLY

Voltage output	0 – 32 V (± 1 mV)
Supply voltage	115 or 230 V (50 Hz / 60 Hz)

MAGNETIC STIRRER

RPM	0 – 1500 rpm
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REACTION CELLS

Number of cells	6 or 8
Usable volumes of undivided cell	8 ml
Usable volumes of divided cell (per chamber)	8 ml
Material	PTFE
Divided cells	Yes (reaction block with 6 cells)
Temperature control	Yes (RT to 100 °C)

IKA Screening System

The IKA Screening System is perfectly suited for constant current electrosynthesis in “multibatch” mode. The combination of both divided and undivided batch cells enables you to quickly carry out research on multiple electroconversions at the same time. In addition, you can combine the system with other equipment in the laboratory.

Scope of delivery

- > Reaction block
- > Electrolysis cells
- > Power supply
- > IKA Plate (RCT digital) including PT 1000 temperature sensor
- > Cable set
- > Screw drive
- > Electrode graphite (16 pcs.)



Reaction block with 6 divided cells



Reaction block with 8 undivided cells



Divided cell



Undivided cell

Product	Ident. No.	Price
ACCESSORIES SCREENING SYSTEM		
Reaction block (Includes 6 divided cells)	0020015936	£ 2,107.00
Reaction block (Includes 8 undivided cells)	0020015943	£ 1,154.00
Set of reaction cells (6 divided cells)	0040003647	£ 1,800.00
Set of reaction cells (8 undivided cells)	0040003648	£ 889.00
Electrode 0.7 BDD	0040003932	£ 4,007.00
Electrode 0.7 glassy carbon	0040003670	£ 992.00
Electrode 0.7 graphite SK-50	0040003954	£ 170.00
Electrode 0.7 platinum	0040003678	£ 607.00
Electrode 0.7 gold	0040003934	£ 384.00
Electrode 0.7 silver	0040003938	£ 225.00
Electrode 0.7 nickel foam	0040003935	£ 80.00
Electrode 0.7 graphite V2100	0040003669	£ 683.00
Electrode 0.7 nickel	0040003671	£ 463.00
Electrode 0.7 stainless steel	0040003672	£ 256.00
Electrode 0.7 lead	0040003673	£ 505.00
Electrode 0.7 lead bronze	0040003674	£ 332.00
Electrode 0.7 copper	0040003675	£ 218.00
Electrode 0.7 magnesium	0040003677	£ 463.00
Electrode 0.7 zinc	0040003680	£ 437.00
Electrode 0.7 aluminium	0040003682	£ 546.00
Electrode 0.7 cobalt	0040003933	£ 315.00
Electrode 0.7 niobium	0040003936	£ 286.00
Electrode 0.7 tin	0040003939	£ 248.00
Electrode 0.7 titanium	0040003940	£ 229.00
Electrode 0.7 tungsten	0040003941	£ 332.00
Electrode 0.7 RVC	0040003937	£ 401.00
Electrode 0.7 Sampler Kit	0040004509	£ 1,481.00
Electrode 0.7 Starter Kit	0040003646	£ 4,552.00
Electrode 0.7 power supply	0040003604	£ 4,182.00
SC 1.1 Cable (1 – 4)	0040003663	£ 130.00
SC 1.2 Cable (5 – 8)	0020018590	£ 130.00
SC 2.1 Crocodile clip for cable set	0040003630	£ 23.00



IKA magnetic stirrers are the world’s best-selling professional lab mixers. There is a complete range of IKA magnetic stirrers to handle various quantities, either with or without heating capabilities. Used with open or closed vessels, IKA magnetic hot plate stirrers easily master even complex tasks. For example, they precisely and effectively regulate the set temperature with the help of a contact thermometer. Because IKA magnetic stirrers require 25% less energy than other manufacturer’s products; IKA devices are good for the environment and also keep your energy costs low. Functionality, safety and longevity are the main focus in the development of IKA’s magnetic stirrers.

IKA PLATE (RCT DIGITAL)

/// Outstanding features combined with unique appearance



Lifetime warranty



A display made of hardened, chemical resistant glass gives the IKA Plate its unique appearance. However, the magnetic stirrer also scores with its outstanding technical features. The Alnico magnet technology ensures excellent temperature stability, while the integrated timer / counter function supports the monitoring of sensitive chemical reaction processes. IKA SmartTemp® keeps reactions and chemists safe.

IKA Plate (RCT digital)

£ 825.00  
Ident. No. 0025005221



RCT 5 digital

£ 825.00  
Ident. No. 0025005240



New:  
800 W power



C-MAG HS 7 control

£ 825.00  
Ident. No. 0020009070



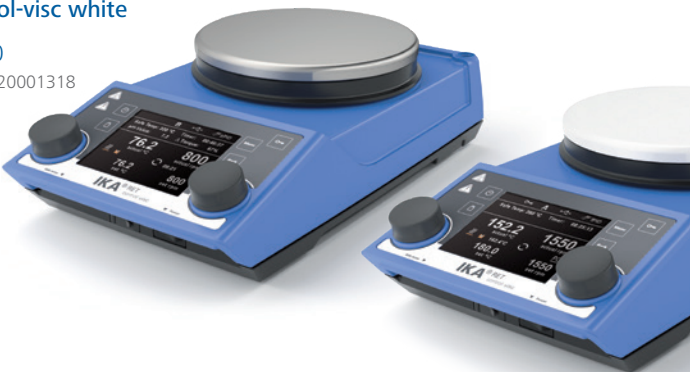
RET control-visc

£ 1,383.00  
Ident. No. 0005020002

Weighing function

RET control-visc white

£ 1,434.00  
Ident. No. 0020001318



TECHNICAL DATA	IKA PLATE (RCT DIGITAL)	RCT 5 DIGITAL	C-MAG HS 7 CONTROL	RET CONTROL-VISC   WHITE
Stirring quantity max. (H <sub>2</sub> O)	20 l	20 l	20 l	20 l
Direction of rotation	right   left	right   left	right   left	right
Speed range	50 – 1500 rpm	50 – 1500 rpm	50 – 1500 rpm	50 – 1700 rpm
Heat output	600 W	800 W	1000 W	600 W
Heating temperature	RT + device self heating – 310 °C	RT + device self heating – 310 °C	RT + device self heating – 500 °C	RT + device self heating – 340 °C
Load capacity weighing function max.	–	–	–	5 kg
Set-up plate dimensions	Ø 135 mm	130 x 130 mm	180 x 180 mm	Ø 135 mm
Dimensions (W x H x D)	160 x 85 x 270 mm	160 x 85 x 270 mm	220 x 88 x 354 mm	160 x 85 x 270 mm
Protection class according to DIN EN 60529	IP 42	IP 42	IP 21	IP 42

① **C-MAG HS 4 digital**  
£ 637.00  
Ident. No. 0004240202

② **C-MAG HS 7 digital**  
£ 744.00  
Ident. No. 0003487002

③ **C-MAG HS 10 digital**  
£ 904.00  
Ident. No.0004240402



① **C-MAG HS 4**  
£ 511.00  
Ident. No. 0003581002

② **C-MAG HS 7**  
£ 563.00  
Ident. No. 0003581202

③ **C-MAG HS 10**  
£ 768.00  
Ident. No. 0003581402



① **RH basic**  
£ 511.00  
Ident. No. 0005019702

② **RH basic white**  
£ 614.00  
Ident. No. 0005029702

③ **RH digital**  
£ 614.00  
Ident. No. 0005019802

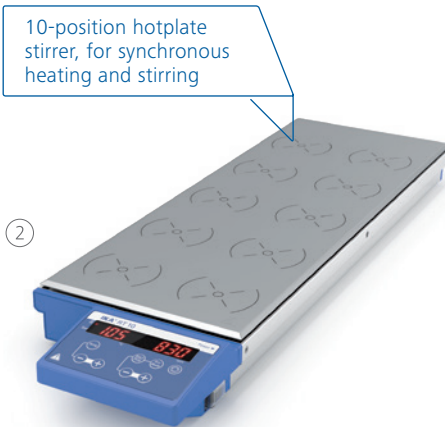
④ **RH digital white**  
£ 716.00  
Ident. No. 0004678002



① **RT 5**  
£ 2,357.00  
Ident. No. 0003690602

② **RT 10**  
£ 3,075.00  
Ident. No. 0003691102

③ **RT 15**  
£ 3,896.00  
Ident. No. 0003692602



10-position hotplate stirrer, for synchronous heating and stirring

TECHNICAL DATA	C-MAG HS 4   7   10 DIGITAL	C-MAG HS 4   7   10	RH BASIC   BASIC WHITE   RH DIGITAL   DIGITAL WHITE	RT 5   RT 10   RT 15
Stirring quantity max. (H <sub>2</sub> O)	5 l   10 l   15 l	5 l   10 l   15 l	15 l	0.4 l per stirring position
Speed range	100 – 1500 rpm	100 – 1500 rpm	100 – 2000 rpm	0 – 1000 rpm
Heat output	250 W   1000 W   1500 W	250 W   1000 W   1500 W	600 W	175 W   375 W   580 W
Heating temperature	50 – 500 °C	50 – 500 °C	50 – 320 °C	50 – 120 °C
Connection for ext. temperature sensor	PT 1000	–   ETS-D5   ETS-D5	ETS-D5	–
Dimensions (W × H × D)	150 × 105 × 260 mm 215 × 105 × 330 mm 300 × 105 × 415 mm	150 × 105 × 260 mm 215 × 105 × 330 mm 300 × 105 × 415 mm	160 × 100 × 250 mm	120 × 60 × 610 mm 190 × 60 × 610 mm 280 × 60 × 610 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 40

**RET basic**  
£ 1,127.00  
Ident. No. 0003622002



**RCT basic**  
£ 725.00  
Ident. No. 0003810002

BESTSELLER



RCT BASIC  
/// Integrated safety

RCT basic fulfills, in all areas, the required safety regulations for laboratory equipment. The device is monitoring all safety relevant components and therefore is suitable for unsupervised operation. Safety is guaranteed in the event of malfunctions. Further safety features are an adjustable safety circuit, hot top indicator, precise temperature control and two independent control circuits.

TECHNICAL DATA	RET BASIC	RCT BASIC
Stirring quantity max. (H <sub>2</sub> O)	20 l	20 l
Direction of rotation	Right	Right
Speed range	50 – 1700 rpm	50 – 1500 rpm
Heat output	600 W	600 W
Heating temperature	RT + device self heating – 340 °C	RT + device self heating – 310 °C
Connection for ext. temperature sensor	PT 1000	PT 1000
Dimensions (W × H × D)	160 × 95 × 270 mm	160 × 85 × 270 mm
Protection class according to DIN EN 60529	IP 42	IP 42






① **RO 5**  
£ 1,332.00  
Ident. No. 0003690500

② **RO 10**  
£ 1,537.00  
Ident. No. 0003691000

③ **RO 15**  
£ 2,152.00  
Ident. No. 0003692500

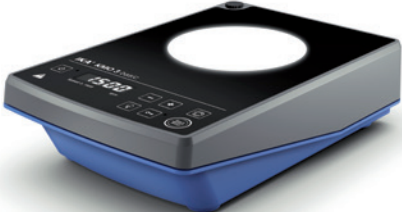
Adjustable reverse operation


③



**KMO 3 basic**  
£ 768.00  
Ident. No. 0020004631

Illuminated, flat stirring plate







**Midi MR 1 digital**  
£ 3,075.00  
Ident. No. 0025004056

**Maxi MR 1 digital**  
£ 3,383.00  
Ident. No. 0025004061

Stirring quantity up to 150 liters (H<sub>2</sub>O)





TECHNICAL DATA	RO 5   RO 10   RO 15	KMO 3 BASIC	MIDI MR 1 DIGITAL	MAXI MR 1 DIGITAL
Stirring quantity max. (H <sub>2</sub> O)	0.4 l per stirring position	5 l	50 l	150 l
Speed range	0 – 1200 rpm	10 – 1500 rpm	0 – 1000 rpm	0 – 600 rpm
Set-up plate material	Stainless steel 1.4301	Glass	Stainless steel 1.4301	Stainless steel 1.4301
Set-up plate dimensions	120 × 470 mm 190 × 470 mm 280 × 470 mm	140 × 120 mm	350 × 350 mm	500 × 500 mm
Dimensions (W × H × D)	120 × 60 × 570 mm 190 × 60 × 570 mm 280 × 60 × 570 mm	153 × 62.5 × 227 mm	360 × 110 × 430 mm	505 × 110 × 585 mm
Protection class according to DIN EN 60529	IP 40	IP 42	IP 21	IP 21

**topolino**  
£ 111.00  
Ident. No. 0003368000



**IKA myPlate**  
£ 306.00  
Ident. No. 0025005156

1/60  
Inventions

Design the set-up plate yourself



**lab disc**  
£ 296.00  
Ident. No. 0003907500



**Mini MR standard**  
£ 224.00  
Ident. No. 0025004132



TECHNICAL DATA	TOPOLINO	IKA MYPLATE	LAB DISC	MINI MR STANDARD
Stirring quantity max. (H <sub>2</sub> O)	0.25 l	1.5 l	0.8 l	1 l
Direction of rotation	–	Left	–	Right
Speed range	300 – 1800 rpm	0 – 2500 rpm	15 – 1500 rpm	0 – 2500 rpm
Set-up plate material	Synthetic (PP)	Glass	Polyester	Polyester
Set-up plate dimensions	Ø 80 mm	Ø 135 mm	Ø 100 mm	115 × 115 mm
Dimensions (W × H × D)	95 × 37 × 115 mm	152 × 30 × 164 mm	117 × 12 × 180 mm	115 × 37 × 129 mm
Protection class according to DIN EN 60529	IP 21	IP 54	IP 65	IP 42



Product	Ident. No.	Price
TEMPERATURE SENSOR		
Stainless steel		
PT 1000.60	0003516800	£ 119.00
PT 1000.80	0004443000	£ 127.00
PT 100.70	0020000440	£ 114.00
Glass-coated		
PT 1000.70	0003736000	£ 132.00
PT 100.51	0002600300	£ 263.00
SafeCoat (PFA, PTFE)		
PT 1000.90	0004480600	£ 169.00
PT 100.53	0004499700	£ 269.00
Dual		
PT 1000.50	0003367600	£ 263.00
PT 1000.51	0003377700	£ 305.00

ELECTRONIC CONTACT THERMOMETER		
ETS-D5	0003378000	£ 357.00
ETS-D6	0003378100	£ 511.00

SENSOR FOR ETS-D5 / ETS-D6		
H 62.51	0002735451	£ 173.00
H 66.51, glass coated	0002735551	£ 255.00
H 66.53, coated	0004499900	£ 204.00
H 70, extension cable	0002735600	£ 176.00



RET control-visc	RET basic	IKA Plate (RCT digital)	RCT basic	C-MAG HS 7 control	C-MAG HS digital 4   7   10	C-MAG HS 4   7   10	RH digital   basic
-	•	•	•	•	•	-	-
-	+	+	+	+	+	-	-
•	-	-	-	-	-	-	-
-	+	+	+	+	+	-	-
+	-	-	-	-	-	-	-
-	+	+	+	+	+	-	-
+	-	-	-	-	-	-	-
+	-	-	-	-	-	-	-

-	+	+	+	+	-	+	+
-	+	+	+	+	-	+	+

- Not compatible | + Compatible | • Included in delivery



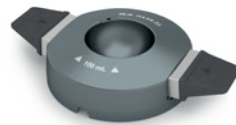




H 135.1



H 135.104



H 135.21



H 135.25



H 135.301



H 135.401

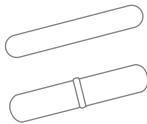


H 135.501

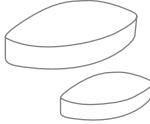
Product	Hole Ø	Dimensions	Ident. No	Price
DRY HEATING BLOCK SQUARE SERIES				
H 135.10 Square carrier without handle	—	160 × 160 mm	0025000832	£ 132.00
H 135.11 Square carrier with handle	—	160 × 160 mm	0004448200	£ 234.00
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	£ 62.00
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	£ 62.00
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	£ 62.00
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	£ 62.00
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	£ 62.00
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	£ 62.00
H 135.107 Block 100 ml	—	79 × 79 mm	0025000632	£ 62.00
H 135.108 Block 250 ml	—	79 × 79 mm	0025000633	£ 62.00
100 ML FLASK HEATING BLOCK SERIES				
Name	Max. outer Ø	Inner Ø	Ident. No	Price
H 135.20 Flask carrier 100 ml without handle	142 mm	—	0025000634	£ 111.00
H 135.21 Flask carrier 100 ml with handle	142 mm	—	0004448300	£ 214.00
H 135.201 Flask inlay 10 ml	—	33.8 mm	0025000636	£ 62.00
H 135.202 Flask inlay 25 ml	—	43.8 mm	0025000637	£ 62.00
H 135.203 Flask inlay 50 ml	—	52.8 mm	0025000638	£ 62.00
250 ML FLASK HEATING BLOCK SERIES				
H 135.25 Flask carrier 250 ml without handle	142 mm	—	0025003280	£ 142.00
H 135.26 Flask carrier 250 ml with handle	142 mm	—	0020007954	£ 245.00
500 ML FLASK HEATING BLOCK SERIES				
H 135.30 Flask carrier 500 ml without handle	142 mm	—	0025000639	£ 152.00
H 135.31 Flask carrier 500 ml with handle	142 mm	—	0004448400	£ 255.00
H 135.301 Flask inlay 100 ml	—	66.3 mm	0025000641	£ 62.00
H 135.302 Flask inlay 250 ml	—	88 mm	0025000642	£ 62.00
1000 ML FLASK HEATING BLOCK SERIES				
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	—	0025000833	£ 193.00
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	—	0004448500	£ 296.00
H 135.401 Flask inlay 500 ml	—	108 mm	0025000644	£ 111.00
2000 ML FLASK HEATING BLOCK SERIES				
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	—	0025000834	£ 265.00
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	—	0004448600	£ 368.00
H 135.501 Flask inlay 1000 ml	—	131.8 mm	0025000645	£ 163.00

Product	Dimensions	Ident. No	Price
IKAFLON® ROUND PTFE-COATED			
10 round (5 pcs.)	10 × 6 mm	0004488600	£ 7.00
15 round (5 pcs.)	15 × 6 mm	0004488700	£ 8.00
20 round (5 pcs.)	20 × 8 mm	0004488800	£ 10.00
25 round (5 pcs.)	25 × 8 mm	0004488900	£ 12.00
30 round (5 pcs.)	30 × 8 mm	0004489000	£ 12.00
40 round (5 pcs.)	40 × 8 mm	0004489100	£ 13.00
50 round (5 pcs.)	50 × 8 mm	0004489200	£ 14.00
80 round (5 pcs.)	80 × 10 mm	0004489300	£ 35.00
110 round	108 × 27 mm	0000793300	£ 305.00
155 round	153 × 27 mm	0001129000	£ 408.00
IKAFLON® ROUND GLASS-COATED			
25 round (5 pcs.)	25 × 6 mm	0004492200	£ 19.00
40 round (5 pcs.)	40 × 8 mm	0004492600	£ 23.00
50 round (5 pcs.)	50 × 8 mm	0004492800	£ 25.00
IKAFLON® SLIDE ROUND			
25 slide (5 pcs.)	25 × 6 mm	0004493800	£ 10.00
30 slide (5 pcs.)	30 × 6 mm	0004494000	£ 10.00
40 slide (5 pcs.)	40 × 8 mm	0004494200	£ 18.00
50 slide (5 pcs.)	50 × 8 mm	0004494400	£ 21.00
IKAFLON® POWER			
20 power (5 pcs.)	20 × 6 mm	0004493000	£ 23.00
30 power (5 pcs.)	30 × 6 mm	0004493200	£ 35.00
50 power (5 pcs.)	50 × 8 mm	0004493400	£ 44.00
IKAFLON® ELLIPSE PTFE-COATED			
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	£ 16.00
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	£ 17.00
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	£ 23.00
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	£ 29.00
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	£ 37.00
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	£ 54.00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	£ 95.00
IKAFLON® CROSS PTFE-COATED			
10 cross (5 pcs.)	10 × 10 mm	0004496200	£ 13.00
20 cross (5 pcs.)	20 × 20 mm	0004496400	£ 17.00
25 cross (5 pcs.)	25 × 25 mm	0004496600	£ 20.00
30 cross (5 pcs.)	30 × 30 mm	0004496800	£ 26.00
38 cross (5 pcs.)	38 × 38 mm	0004497000	£ 32.00


Product	Dimensions	Ident. No	Price
IKAFLON® BONE PTFE-COATED			
37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	£ 48.00
54 bone (5 pcs.)	35 × 8 × 20 mm	0004497400	£ 58.00
IKAFLON® BEAKER PTFE-COATED			
74 (1 pcs.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	£ 282.00
IKAFLON® CROWN PTFE-COATED			
9 crown (5 pcs.)	9 × 6 mm	0004498400	£ 11.00
TRIKA® PTFE-COATED			
25 Trika (5 pcs.)	25 × 8 mm	0004499300	£ 11.00
35 Trika (5 pcs.)	35 × 9 mm	0004499400	£ 17.00
55 Trika (5 pcs.)	55 × 14 mm	0004499500	£ 27.00
80 Trika (5 pcs.)	80 × 17 mm	0004499600	£ 38.00
SET OF MAGNETIC STIRRING BARS			
RS 1		0001358600	£ 106.00
RS 2		0004499100	£ 122.00



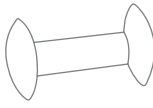
IKAFLON® round  
PTFE-coated



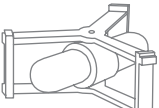
IKAFLON® ellipse  
PTFE-coated




IKAFLON® cross  
PTFE-coated



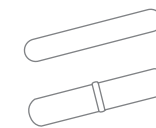
IKAFLON® bone



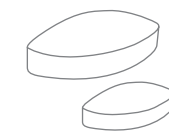
IKAFLON® beaker



TRIKA® PTFE-coated



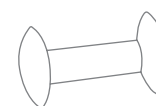
IKAFLON® round  
PTFE-coated



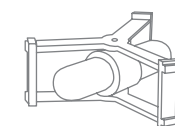
IKAFLON® ellipse  
PTFE-coated



IKAFLON® cross  
PTFE-coated



IKAFLON® bone  
PTFE-coated



IKAFLON® beaker  
PTFE-coated



TRIKA® PTFE-coated



WiCo RET control-visc



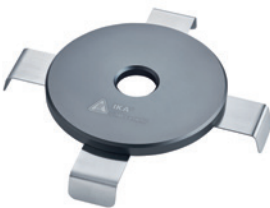
Cover RET control-visc



IB R RO 15 eco



LABLIFT m

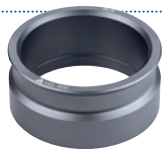


C-MAG Adapter

Product	Description	Ident. No.	Price
WIRELESS-CONTROLLED OPERATING UNIT			
WiCo RET control-visc	Wireless remote control	0020007259	£ 511.00
COVER			
H 102	Cover for RH basic	0004281600	£ 16.00
H 103	Cover for RH digital	0004299100	£ 16.00
H 100	Cover for RCT basic and RET basic	0003661000	£ 16.00
H 104	Cover for RET control-visc	0004209500	£ 16.00
MAINS CABLE			
H 11	Mains cable Euro plug	0001091500	Price on request
H 11	Mains cable USA plug	0003564500	Price on request
H 11	Mains cable UK plug	0002410700	£ 28.00
H 11	Mains cable CH plug	0001091600	Price on request
H 11	Mains cable IN plug	0003903600	Price on request
PLASTIC BATH FOR MAGNETIC STIRRER RO 15			
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	£ 826.00
LABLIFT			
LABLIFT m	Up to 25 kg (max. static load)	0004022400	£ 259.00
C-MAG ADAPTER			
C-MAG Adapter	Heating block adapter for C-MAG 7 and 10	0025001022	£ 161.00
STIRRING BAR REMOVER			
RSE	Stirring bar remover	0001293100	£ 67.00
BEAKER CAP			
BC 1000	Beaker cap	0020003417	£ 12.00



H 3000



HG 600



H 16.3



H 44



Product	Description	Ident. No.	Price
OIL BATH ATTACHMENT			
H 29	Oil bath attachment, 1 l	0002829400	£ 203.00
H 30	Oil bath attachment, 1.5 l	0002829500	£ 224.00
BEAKER, STAINLESS STEEL			
H 1000	Beaker, stainless steel, 1 l	0004444401	£ 342.00
H 1500	Beaker, stainless steel, 1.5 l	0004444501	£ 353.00
H 3000	Beaker, stainless steel, 3 l	0004444503	£ 364.00
H 5000	Beaker, stainless steel, 5 l	0004444505	£ 428.00
HEATING JACKET			
HG 600	Heating jacket for beaker 600 ml	0020003416	£ 123.00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	£ 161.00
HOLDER			
H 16 V	Support rod	0001545100	£ 61.00
H 16.3	Extension for support rod	0025000622	£ 16.00
H 44	Boss head clamp	0002437700	£ 26.00
H 38	Holding rod	0003547700	£ 26.00

LABSOFTWARE  
labworldsoft® 6 Starter

£ 4,185.00  
Ident. No. 0020019397

labworldsoft® 6 Pro

£ 9,551.00  
Ident. No. 0020017366

labworldsoft® is a laboratory software to control lab devices, automate processes, and to document your measurements and results. The software provides access to a huge library of different laboratory devices. labworldsoft® does not integrate only IKA laboratory devices, but supports several other devices from different manufacturers as well. You stay flexible in the choice of your lab devices you want to use and profit from the whole device range of the laboratory world.



IKA offers the ideal overhead stirrer for your stirring and mixing tasks in the lab – for low to high viscosities. IKA overhead stirrers effortlessly process stirring quantities of up to 200 liters. IKA overhead stirrers stand out due to their indispensable features, including an electronic safety circuit, a digital display, infinitely adjustable speed and a controlling option via the lab software labworldsoft®. A broad spectrum of stirring tools is the key to successful mixing. Functionality, safety and longevity are the main goals in the development of IKA’s overhead stirrers.

MINISTAR DIGITAL AND CONTROL

/// The new compact stirrers



The space-saving high performers of the IKA MINISTAR digital and control series convince with perfect basic functionalities, a compact design and easy handling.

COMPACT DESIGN

The reduced design and the focus on the most essential aspects make the new IKA MINISTAR stirrers reliable laboratory companions.

CONSTANT TORQUE

All models of the IKA MINISTAR series guarantee a constant torque over the entire rpm range.

EASE OF OPERATION

Operation takes place using a stable rotary knob. The display clearly shows the rotational speed. For the control version additional parameters are shown and further operating buttons are provided.

RAPID UPDATES

Regular software updates can be undertaken rapidly and simply via the USB interface.

MICROSTAR 7.5 digital

£ 819.00  
Ident. No. 0025004715



Speed range:  
50 – 2000 rpm

MICROSTAR 15 digital

£ 880.00  
Ident. No. 0025004883



MICROSTAR 30 digital

£ 921.00  
Ident. No. 0025004884



MICROSTAR 7.5 control

£ 1,075.00  
Ident. No. 0025001984



LCD display with  
torque trend

MICROSTAR 15 control

£ 1,137.00  
Ident. No. 0025001986



Temperature  
sensor included

MICROSTAR 30 control

£ 1,178.00  
Ident. No. 0025001987



TECHNICAL DATA	MICROSTAR 7.5 DIGITAL   CONTROL	MICROSTAR 15 DIGITAL   CONTROL	MICROSTAR 30 DIGITAL   CONTROL
Stirring quantity max. (H <sub>2</sub> O)	5 l	10 l	20 l
Speed range	0   50 – 2000 rpm 0   30 – 2000 rpm	0   50 – 1000 rpm 0   30 – 1000 rpm	0   50 – 500 rpm 0   30 – 500 rpm
Torque max. at stirring shaft	7.5 Ncm	15 Ncm	30 Ncm
Temperature measuring range	–   -10 – 350 °C	–   -10 – 350 °C	–   -10 – 350 °C
Torque measurement	–   Trend	–   Trend	–   Trend
Display	LED   LCD	LED   LCD	LED   LCD
Dimensions (W × H × D)	60 × 173 × 126 mm 60 × 173 × 136 mm	60 × 173 × 126 mm 60 × 173 × 136 mm	60 × 173 × 126 mm 60 × 173 × 136 mm
Protection class according to DIN EN 60529	IP 54	IP 54	IP 54

MINISTAR 20 digital

£ 880.00  
Ident. No. 0025006562

MINISTAR 40 digital

£ 983.00  
Ident. No. 0025006570

MINISTAR 80 digital

£ 1,086.00  
Ident. No. 0025006578



MINISTAR 20 control

£ 1,137.00  
Ident. No. 0025005585

MINISTAR 40 control

£ 1,239.00  
Ident. No. 0025005597

MINISTAR 80 control

£ 1,342.00  
Ident. No. 0025005610



TECHNICAL DATA	MINISTAR 20 DIGITAL   CONTROL	MINISTAR 40 DIGITAL   CONTROL	MINISTAR 80 DIGITAL   CONTROL
Stirring quantity max. (H <sub>2</sub> O)	15 l	25 l	50 l
Speed range	0 / 50 – 2000 rpm	0 / 50 – 1000 rpm 0 / 30 – 1000 rpm	0 / 50 – 500 rpm 0 / 30 – 500 rpm
Torque max. at stirring shaft	20 Ncm	40 Ncm	80 Ncm
Temperature measuring range	–   -10 – 350 °C	–   -10 – 350 °C	–   -10 – 350 °C
Torque measurement	–   Trend	–   Trend	–   Trend
Display	LED   LCD	LED   LCD	LED   LCD
Dimensions (W × H × D)	70 × 193 × 147 mm 70 × 193 × 154 mm	70 × 193 × 147 mm 70 × 193 × 154 mm	70 × 193 × 147 mm 70 × 193 × 154 mm
Protection class according to DIN EN 60529	IP 54	IP 54	IP 54

EUROSTAR 20 digital

£ 948.00  
Ident. No. 0004442002

EUROSTAR 40 digital

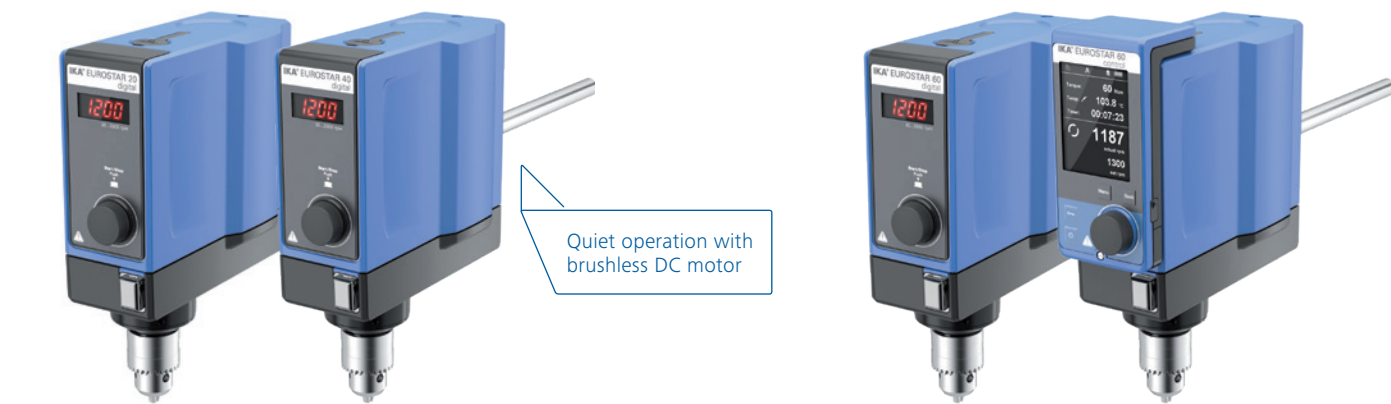
£ 1,277.00  
Ident. No. 0004444002

EUROSTAR 60 digital

£ 1,384.00  
Ident. No. 0004446002

EUROSTAR 60 control

£ 1,917.00  
Ident. No. 0004440002



EUROSTAR 100 digital

£ 2,024.00  
Ident. No. 0004238102

EUROSTAR 100 control

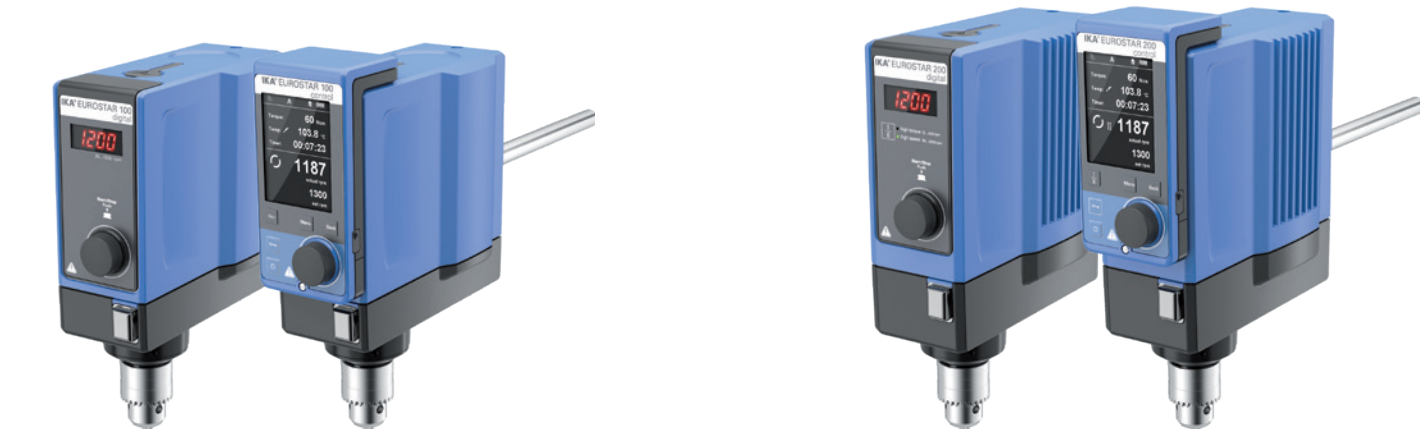
£ 2,451.00  
Ident. No. 0004028502

EUROSTAR 200 digital

£ 2,557.00  
Ident. No. 0003990002

EUROSTAR 200 control

£ 2,877.00  
Ident. No. 0003992002



TECHNICAL DATA	EUROSTAR 20 DIGITAL   40 DIGITAL	EUROSTAR 60 DIGITAL   CONTROL	EUROSTAR 100 DIGITAL   CONTROL	EUROSTAR 200 DIGITAL   CONTROL
Stirring quantity max. (H <sub>2</sub> O)	15 l   25 l	40 l	100 l	100 l
Speed range	0 / 30 – 2000 rpm	0 / 30 – 2000 rpm	0 / 30 – 1300 rpm	I: 0 / 6 – 400 rpm II: 30 – 2000 rpm
Torque max. at stirring shaft	20 Ncm   40 Ncm	60 Ncm	100 Ncm	I: 200 Ncm II: 40 Ncm
Display	LED	LED   TFT	LED   TFT	LED   TFT
Temperature measuring range	–   –	–   -10 – 350 °C	–   -10 – 350 °C	–   -10 – 350 °C
Dimensions (W × H × D)	86 × 248 × 208 mm	86 × 248 × 208 mm 86 × 267 × 230 mm	86 × 248 × 208 mm 86 × 267 × 230 mm	91 × 274 × 209 mm 91 × 297 × 231 mm
Protection class according to DIN EN 60529	IP 42	IP 42   IP 40	IP 42   IP 40	IP 42   IP 40



EUROSTAR 400 digital

£ 3,209.00  
Ident. No. 0025000751



EUROSTAR 400 control

£ 3,653.00  
Ident. No. 0025000758

EUROSTAR 20 high speed digital

£ 1,829.00  
Ident. No. 0004028602



EUROSTAR 20 high speed control

£ 2,474.00  
Ident. No. 0025001464

EUROSTAR 100 control P4

£ 3,464.00  
Ident. No. 0025005136



EUROSTAR 200 control P4

£ 3,890.00  
Ident. No. 0004090002

Extremely powerful stirrer for highly viscous applications



TECHNICAL DATA	EUROSTAR 400 DIGITAL   CONTROL	EUROSTAR 20 HIGH SPEED DIGITAL   CONTROL	EUROSTAR 100 CONTROL P4	EUROSTAR 200 CONTROL P4
Stirring quantity max. (H <sub>2</sub> O)	150 l	20 l	100 l	100 l
Speed range	I: 6 – 400 rpm II: 30 – 2000 rpm	0 / 150 – 6000 rpm	10 – 300 rpm	I: 4 – 108 rpm II: 16 – 530 rpm
Torque max. at stirring shaft	I: 400 Ncm II: 80 Ncm	20 Ncm	320 Ncm	I: 660 Ncm II: 130 Ncm
Display	LED   TFT	LED   TFT	TFT	TFT
Temperature measuring range	–   -10 – 350 °C	–   -10 – 350 °C	-10 – 350 °C	-10 – 350 °C
Dimensions (W × H × D)	114 × 300 × 245 mm 114 × 320 × 268 mm	86 × 325 × 208 mm 86 × 325 × 230 mm	86 × 352 × 230 mm	91 × 379 × 231 mm
Protection class according to DIN EN 60529	IP 42   IP 40	IP 42   IP 40	IP 40	IP 40

RW 20 digital

£ 1,178.00  
Ident. No. 0003593002



RW 28 digital

£ 2,959.00  
Ident. No. 0005040002

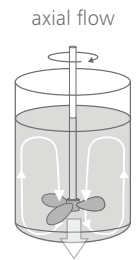


RW 47 digital


£ 5,382.00  
Ident. No. 0004050000




TECHNICAL DATA	RW 20 DIGITAL	RW 28 DIGITAL	RW 47 DIGITAL
Stirring quantity max. (H <sub>2</sub> O)	20 l	80 l	200 l
Speed range	I: 60 – 500 rpm II: 240 – 2000 rpm	I: 60 – 400 rpm II: 240 – 1400 rpm	I: 57 – 275 rpm II: 275 – 1300 rpm
Torque max. at stirring shaft	I: 150 Ncm II: 24 Ncm	I: 900 Ncm II: 300 Ncm	I: 3000 Ncm II: 620 Ncm
Display	LED	LED	LED
Dimensions (W × H × D)	88 × 294 × 212 mm	123 × 364 × 252 mm	145 × 465 × 358 mm
Protection class according to DIN EN 60529	IP 20	IP 40	IP 54



radial flow



tangential flow



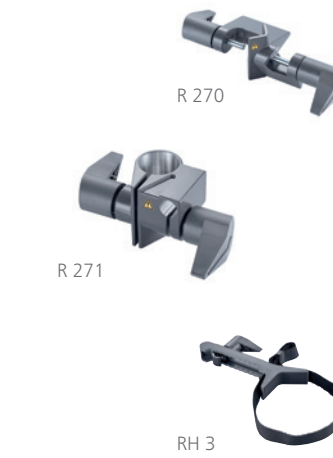
The diagram shows a stirred tank reactor with a central vertical shaft and four horizontal blades. A curved arrow at the top of the shaft indicates rotation. Inside the tank, there are four horizontal curved arrows representing the flow pattern, which is designed to create a tangential flow around the central shaft.

EUROSTAR 20   40 digital	EUROSTAR 60 digital   control	EUROSTAR 100 digital   control	EUROSTAR 200 digital   control	EUROSTAR 400 digital   control	EUROSTAR 100 & 200 control P 4	RW 20 digital	RW 28 digital	RW 47 digital
++	+	+	+	+	+	+	+	+
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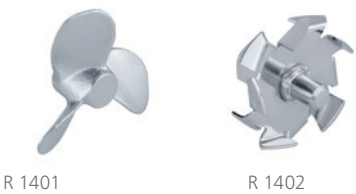
Product	Ident. No.	Price	MICROSTARS digital   control	MINISTARS digital   control	EUROSTAR 20   40 digital
TEMPERATURE SENSOR					
H 67.60 stainless steel	0025000215	£ 122.00	control	control	–
H 67.61 stainless steel	0020003865	£ 183.00	control	control	–
H 68.55 stainless steel	0025001479	£ 252.00	control	control	–
H 70 extension cable	0002735600	£ 176.00	control	control	–
SENSOR IN COMBINATION WITH H 70					
H 62.51 Stainless steel	0002735451	£ 173.00	–	–	–
H 66.51 Glass-coated	0002735551	£ 255.00	–	–	–
H 66.53 coated	0004499900	£ 204.00	–	–	–
STAND					
Plate stand					
IKA [scale]	0025004318	£ 700.00	++	++	++
R 1825	0003160000	£ 253.00	++	++	++
R 1826	0003160100	£ 278.00	++	++	++
R 1827	0003160200	£ 303.00	++	++	++
H-stand					
R 2722	0001412000	£ 652.00	++	++	++
Telescopic stand					
R 2723	0001412100	£ 1,209.00	++	++	++
R 474	0001643000	£ 1,572.00	–	–	–
Floor stand					
R 472	0000738700	£ 3,428.00	–	–	–
R 2850	0020002900	£ 2,458.00	–	–	–
R 6547 H	0020018378	£ 7,177.00	–	–	–
R 6547 E 400V	0020018384	Price on request	–	–	–



CLAMPS // Compatibility with stands (++ / –)					
Product	R 182	R 270	R 271	RH 3	RH 5
IKA scale	++	–	–	++	–
R 1825	++	–	–	++	–
R 1826	++	–	–	++	–
R 1827	++	–	–	++	–
R 2722	–	++	++	–	++
R 2723	–	++	++	–	++

EUROSTAR 60 digital   control	EUROSTAR 100 digital   control	EUROSTAR 200 digital   control	EUROSTAR 400 digital   control	EUROSTAR 100 & 200 control P 4	EUROSTAR 20 high speed digital   control	RW 20 digital	RW 28 digital	RW 47 digital
control	control	control	control	++	control	–	–	–
control	control	control	control	++	control	–	–	–
control	control	control	control	++	control	–	–	–
control	control	control	control	++	control	–	–	–
control	control	control	control	control P 4	20 hs control	–	–	–
control	control	control	control	–	20 hs control	–	–	–
control	control	control	control	control P 4	20 hs control	–	–	–
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– Not compatible | + Installable | ++ IKA recommended



R 1401                      R 1402



R 301



WH 11



Product	Description	Ident. No.	Price
ACCESSORIES EUROSTAR 20 HIGH SPEED DIGITAL AND CONTROL			
R 1401	Propeller, Ø 55 mm	0001242900	£ 224.00
R 1405	Propeller, Ø 45 mm	0001289800	£ 183.00
R 1402	Dissolver, Ø 42 mm	0001243300	£ 255.00
PROTECTION AND SAFETY			
R 301	Stirring shaft protection	0002603000	£ 152.00
R 301.1	Support holder for R 301	0002604000	£ 183.00
R 303	Stirring shaft protection	0030000257	£ 378.00
SI 400	Safety switch	0003294800	£ 829.00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	£ 778.00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	£ 357.00
FURTHER ACCESSORIES			
WH 11	Wall mount for WiCo	0025001500	£ 22.00
FK 1	Flexible coupling	0002336000	£ 275.00
R 60	Keyless chuck	0003889500	£ 91.00

LABSOFTWARE  
**labworldsoft® 6 Starter**  
£ 4,185.00  
Ident. No. 0020019397

**labworldsoft® 6 Pro**  
£ 9,551.00  
Ident. No. 0020017366

labworldsoft® is a laboratory software to control lab devices, automate processes, and to document your measurements and results. The software provides access to a huge library of different laboratory devices. labworldsoft® does not integrate only IKA laboratory devices, but supports several other devices from different manufacturers as well. You stay flexible in the choice of your lab devices you want to use and profit from the whole device range of the laboratory world.



SAFETY FIRST

Stress-free mixing at your convenience with increased productivity, flexibility and enhanced safety features. A safety stop function allows for example the quick stop of the overhead stirrer. Stirring shaft protection, which is available as an accessory prevents potential injuries due to the rotating shafts and stirring elements. The clear display of the control versions shows all relevant values such as torque and speed as well as PC connectivity if the device is controlled with labworldsoft®. This ensures a constant overview of the stirring process.



Since 1925 IKA has a line of well known and proven orbital and horizontal shakers. The wide range of Rocking, Rolling, Rotating and Shaking covers the entire spectrum of motions in mixing technology. To give our customers a leading edge IKA ensures that innovative products are introduced time and time again. Most recently, the shaker line has been completely revamped by incorporating advanced technology with unique designs. In 2019 an all new product family is going to extend the existing portfolio: IKA Matrix thermoshakers.

IKA MATRIX  
/// The new IKA thermoshaker

Mixing, heating, cooling, or all at once? With the IKA Matrix\*, there is a new powerful product family of thermoshakers available. Regardless whether blood samples, pharmaceutical agents, DNA / RNA samples or ELISA assays – samples with even the smallest volumes are mixed reliably and completely in all laboratory applications. No cross-contamination and an optimal mixing result.



**INTUITIVE USE**  
The large clear display allows an absolutely intuitive navigation. An user-friendly, self-explanatory menu structure awaits you.

**HIGH SPEED**  
Speeds of up to 3000 rpm ensure that the liquid is mixed particularly quick and effective thanks to its orbital movement.

**EXTRA STABLE HOUSING**  
Excellent stability and everyday robustness is achieved by the aluminium die cast housing. This ensures a secure positioning and strengthens the whole device.

**VARIABLE INSERTS**  
There is an extensive range of accessories available for the IKA Matrix series that allows the optimal operation of your specific application.

\* Matrix Orbital available Q2/2019; Matrix Orbital D, Matrix D+ and Matrix Orbital D+ available Q3/2019

**Matrix Orbital**  
£ 1,742.00  
Ident. No. 0030000627

Mixing

**Matrix Orbital D F0.5**  
£ 2,357.00  
Ident. No. 0030000747

**Matrix Orbital D F1.5**  
£ 2,357.00  
Ident. No. 0030000750

**Matrix Orbital D FP**  
£ 2,357.00  
Ident. No. 0030000751

**Matrix Orbital D F2.0**  
£ 2,357.00  
Ident. No. 0030000753

Mixing & Heating

**Matrix D+**  
£ 1,742.00  
Ident. No. 0030000717

Heating & cooling

**Matrix Orbital D+**  
£ 2,460.00  
Ident. No. 0030000731

Mixing & heating & cooling

4/60  
Inventions

TECHNICAL DATA	MATRIX ORBITAL	MATRIX ORBITAL Δ F0.5   FP   F1.5   F2.0	MATRIX Δ+	MATRIX ORBITAL Δ+
Type of movement	Orbital	Orbital	—	Orbital
Speed range	300 – 3000 rpm	F1.5   F2.0: 1500 rpm FP   F0.5: 2000 rpm	—	300 – 3000 rpm
Heating range	—	RT +5 °C – 100 °C	RT -30 °C – 110 °C	RT +5 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation	Timer and continuous operation	Timer and continuous operation
Dimensions (W × H × D)	200 × 120 × 320 mm	220 × 150 × 350 mm	200 × 125 × 350 mm	200 × 125 × 350 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

① **ROCKER 2D basic**

£ 819.00  
Ident. No. 0004002000

② **ROCKER 2D digital**

£ 870.00  
Ident. No. 0004003000



① **ROCKER 3D basic**

£ 870.00  
Ident. No. 0004000000

② **ROCKER 3D digital**

£ 921.00  
Ident. No. 0004001000



① **ROLLER 6 basic**

£ 1,383.00  
Ident. No. 0004010000

② **ROLLER 6 digital**

£ 1,434.00  
Ident. No. 0004011000



**ROLLER 10 basic**

£ 1,691.00  
Ident. No. 0004012000

② **ROLLER 10 digital**

£ 1,742.00  
Ident. No. 0004013000



TECHNICAL DATA

Type of movement

Speed range

Timer display

Operating mode

Shaking platform stackable (Rocker)  
Unit stackable (Roller)

Dimensions (W x H x D)

Protection class according to  
DIN EN 60529

ROCKER 2D  
BASIC | DIGITAL

Rocking

0 – 80 rpm

– | 7 segment LED

Continuous operation |  
Timer and continuous  
operation

Yes

280 x 150 x 330 mm

IP 21

ROCKER 3D  
BASIC | DIGITAL

Tumbling

30 rpm | 0 – 80 rpm

– | 7 segment LED

Continuous operation |  
Timer and continuous  
operation

Yes

280 x 165 x 330 mm  
280 x 185 x 330 mm

IP 21

ROLLER 6  
BASIC | DIGITAL

Rolling

30 rpm | 0 – 80 rpm

– | 7 segment LED

Continuous operation |  
Timer and continuous  
operation

Yes

240 x 115 x 545 mm

IP 21

ROLLER 10  
BASIC | DIGITAL

Rolling

30 rpm | 0 – 80 rpm

– | 7 segment LED

Continuous operation |  
Timer and continuous  
operation

Yes

380 x 115 x 545 mm

IP 21

① **Loopster basic**

£ 716.00  
Ident. No. 0004015000

② **Loopster digital**

£ 768.00  
Ident. No. 0004016000



① **Hula Dancer basic**

£ 306.00  
Ident. No. 0025004320

② **Hula Dancer digital**

£ 357.00  
Ident. No. 0025003634

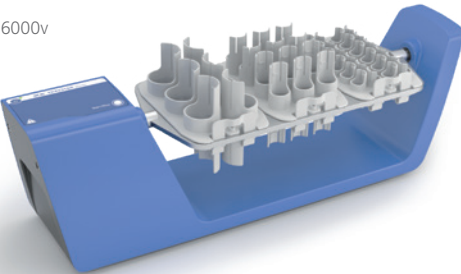


① **Trayster basic**

£ 819.00  
Ident. No. 0004005000

② **Trayster digital**

£ 870.00  
Ident. No. 0004006000v



① **MS 3 basic**

£ 563.00  
Ident. No. 0003617000

② **MS 3 control**

£ 819.00  
Ident. No. 0020016017



TECHNICAL DATA

Type of movement

Permissible shaking weight  
(incl. attachment)

Speed range

Speed display

Operating mode

Dimensions (W x H x D)

Protection class according to  
DIN EN 60529

LOOPSTER  
BASIC | DIGITAL

Rotating

2 kg

20 rpm | 0 – 80 rpm

– | 7 segment LED

Continuous operation |  
Timer and continuous  
operation

300 x 360 x 300 mm

IP 21

TRAYSTER  
BASIC | DIGITAL

Overhead

2 kg

20 rpm | 0 – 80 rpm

– | 7 segment LED

Continuous operation |  
Timer and continuous  
operation

460 x 180 x 140 mm

IP 21

HULA DANCER  
BASIC | DIGITAL

Orbital

0.1 kg

2800 rpm |  
1200 – 2800 rpm

– | –

–

123 x 42 x 123 mm

IP 40

MS 3  
BASIC | CONTROL

Orbital

0.5 kg

0 – 3000 rpm |  
100 – 3000 rpm

Scale | LCD  
Continuous operation |  
Timer and continuous  
operation

148 x 63 x 205 mm

IP 21



① **KS 3000 i control**  
£ 5,126.00  
Ident. No. 0003940002

② **KS 3000 ic control**  
£ 6,152.00  
Ident. No. 0003940102



KS 3000 ic with built-in cooler



① **KS 4000 i control**  
£ 6,203.00  
Ident. No. 0003510002

② **KS 4000 ic control**  
£ 7,229.00  
Ident. No. 0003510102



Allows unattended operation

TECHNICAL DATA	KS 3000 I   IC	KS 4000 I   IC
Type of movement	Orbital	Orbital
Permissible shaking weight (incl. attachment)	7.5 kg	20 kg
Speed range	10 – 500 rpm	10 – 500 rpm
Speed display	LED	LED
Operating mode	Timer and continuous operation	Timer and continuous operation
Temperature range (inlet T>3°C)	RT +5 °C – 80 °C   RT -10 °C – 80 °C	RT +5 °C – 80 °C   RT -10 °C – 80 °C
Total volume inner chamber	50 l	90 l
Dimensions (W x H x D)	465 x 430 x 695 mm	580 x 525 x 750 mm
Protection class according to DIN EN 60529	IP 30	IP 30

**VORTEX 2**  
£ 234.00  
Ident. No. 0025001608



**VORTEX 3**  
£ 378.00  
Ident. No. 0003340002



BESTSELLER



**VXR basic Vibrax®**  
£ 1,434.00  
Ident. No. 0002819002



**MTS 2/4 digital**  
£ 1,537.00  
Ident. No. 0003208002



For shaking two or four microtiter plates

TECHNICAL DATA	VORTEX 2	VORTEX 3	VXR BASIC	MTS 2/4 DIGITAL
Type of movement	Orbital	Orbital	Orbital	Orbital
Speed range	500 – 2500 rpm	0 – 2500 rpm	0 – 2200 rpm	0 – 1100 rpm
Timer	No	No	No	Yes
Operating mode	Continuous operation	Continuous operation	Continuous operation	Timer and continuous operation
Permissible shaking weight (incl. attachment)	0.4 kg	–	2 kg	2/4 MT-plates
Dimensions (W x H x D)	120 x 140 x 138 mm	127 x 136 x 149 mm	157 x 130 x 247 mm	185 x 105 x 320 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

① **KS 130 basic**  
£ 1,537.00  
Ident. No. 0002980002

② **KS 130 control**  
£ 2,255.00  
Ident. No. 0002980102

③ **KS 130 control NOL**  
£ 2,255.00  
Ident. No. 0004278202



① **KS 260 basic**  
£ 2,460.00  
Ident. No. 0002980202

② **KS 260 control**  
£ 3,075.00  
Ident. No. 0002980302

③ **KS 260 control NOL**  
£ 3,075.00  
Ident. No. 0004278402



① **HS 260 basic**  
£ 2,460.00  
Ident. No. 0003066602

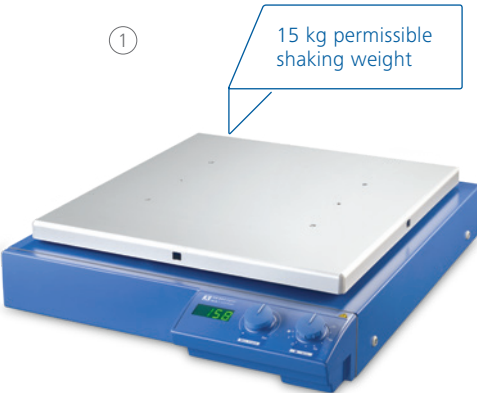
② **HS 260 control**  
£ 3,075.00  
Ident. No. 0003066702

**HS 260 control NOL**  
£ 3,075.00  
Ident. No. 0004278602

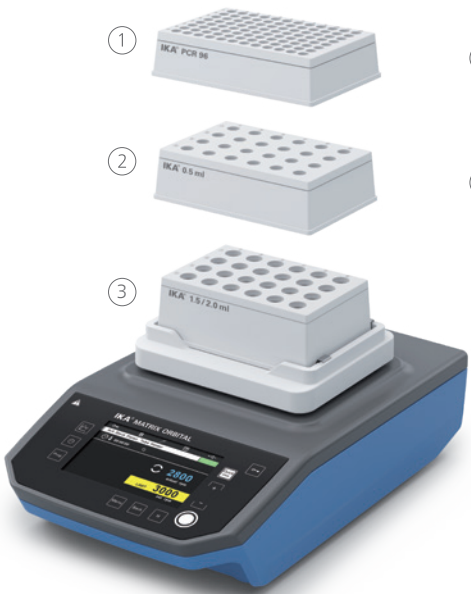


① **HS 501 digital**  
£ 4,562.00  
Ident. No. 0025004443

② **KS 501 digital**  
£ 4,562.00  
Ident. No. 0025004451

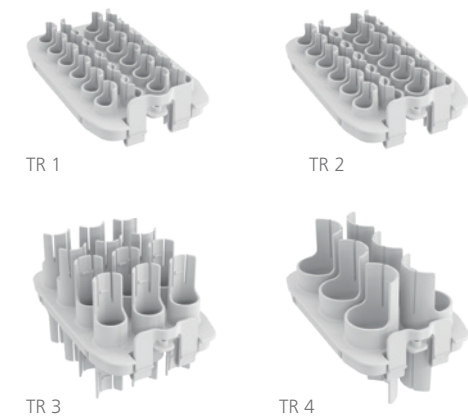
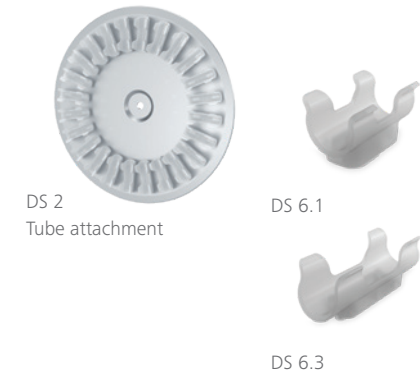
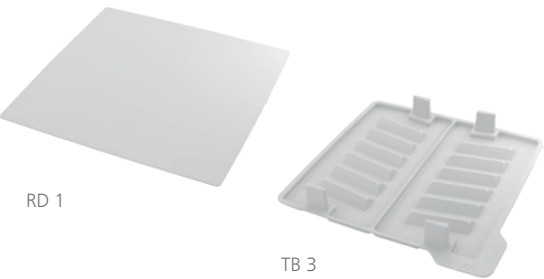


TECHNICAL DATA	KS 130 BASIC   CONTROL	KS 260 BASIC   CONTROL	HS 260 BASIC   CONTROL	HS 501 DIGITAL   KS 501 DIGITAL
Type of movement	Orbital	Orbital	Reciprocating	Reciprocating   Orbital
Shaker diameter	4 mm	10 mm	20 mm	30 mm
Permissible shaking weight (incl. attachment)	2.0 kg	7.5 kg	7.5 kg	15 kg
Speed range	0 – 800 rpm	0 – 500 rpm	0 – 300 rpm   10 – 300 rpm	0 – 300 rpm
Speed display	LED line   LCD	LED line   LCD	LED line   LCD	7 segment LED
Operating mode	Timer and continuous operation	Timer and continuous operation	Timer and continuous operation	Timer and continuous operation
Dimensions (W × H × D)	270 × 98 × 316 mm	360 × 98 × 420 mm	360 × 100 × 420 mm	505 × 120 × 585 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21



Product	Description	Ident. No.	Price
ACCESSORIES TEMPERATURE CONTROL AND MIXING			
Matrix Cover	Cover	0030001253	£ 101.00
Matrix Thermo Cover	Cover, heatable	0030001244	£ 511.00
① Matrix PCR 96 attachment	Attachment for 96 PCR plates	0030000853	£ 614.00
Matrix PCR 384 attachment	Attachment for 384 PCR plates	0030000857	£ 614.00
② Matrix 0.5 ml attachment	Attachment for vials, 24 × 0.5 ml vials	0030000840	£ 511.00
Matrix 1.5 ml attachment	Attachment for vials, 24 × 1.5 ml vials	0030000829	£ 511.00
③ Matrix 2.0 ml attachment	Attachment for vials, 24 × 2.0 ml vials	0030000834	£ 511.00
Matrix 5 ml attachment	Attachment for vials, 8 × 5 ml vials	0030000859	£ 511.00
Matrix 12 ml attachment	Attachment for vials, 24 × 12 ml vials	0030000844	£ 511.00
Matrix 15 ml attachment	Attachment for vials, 8 × 15 ml vials	0030000821	£ 511.00
Matrix 50 ml attachment	Attachment for vials, 4 × 50 ml vials	0030000863	£ 511.00
Matrix Cryo attachment	Attachment for vials, 24 × cryo vials	0030000848	£ 511.00
Matrix 0.5 ml insert	Insert for 0.5 ml vials	0030001157	£ 39.00
Matrix 1.5 / 2.0 ml insert	Insert for 1.5 / 2.0 ml vials	0030001158	£ 39.00
Matrix PCR insert	Insert for 0.2 ml PCR vials	0030001159	£ 39.00
Matrix plate attachment	Attachment for microplates	0030000849	£ 614.00





Product	Description	Ident. No.	Price
ACCESSORIES ROCKER			
A 2	Second level attachment	0004581700	£ 61.00
RD 1	Universal mat	0004532000	£ 18.00
RD 2	Burled mat	0004532100	£ 20.00
TB 1	Tray, 28 x 5 ml, Ø 12 mm	0004532200	£ 33.00
TB 2	Tray, 16 x 15 ml, Ø 16 mm	0004532300	£ 33.00
TB 3	Tray, 14 x 30 ml, Ø 25 mm	0004532400	£ 33.00
TB 4	Tray, 10 x 30 ml, Ø 28 mm	0004532500	£ 33.00

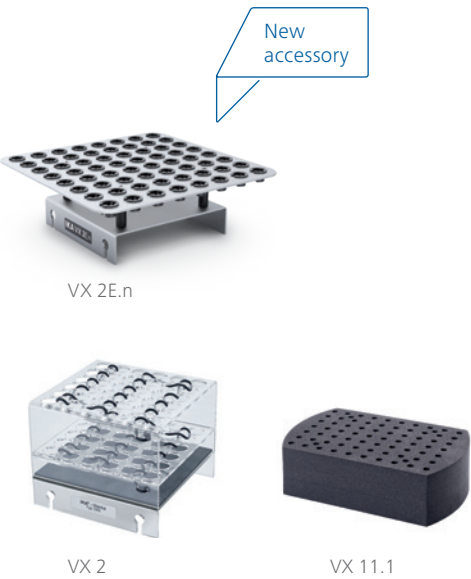
ACCESSORIES LOOPSTER			
DS 1	Tube attachment, 48 x 1.5 ml, Ø 10 mm	0004524000	£ 185.00
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	£ 133.00
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	£ 133.00
DS 4	Tube attachment, 12 x 30 ml, Ø 25 mm	0004524300	£ 133.00
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	£ 133.00
DS 6	Universal disc	0004524500	£ 112.00
DS 6.1	Spare clips, Ø 10 mm, VE 12 pcs.	0004524600	£ 33.00
DS 6.2	Spare clips, Ø 12 mm, VE 12 pcs.	0004524700	£ 33.00
DS 6.3	Spare clips, Ø 16 mm, VE 12 pcs.	0004524800	£ 33.00
DS 6.4	Spare clips, Ø 25 mm, VE 12 pcs.	0004524900	£ 33.00
DS 6.5	Spare clips, Ø 28 mm, VE 12 pcs.	0004525000	£ 33.00

ACCESSORIES TRAYSTER			
TR 1	Tube insert, 24 x 1.5 ml, Ø 10 mm	0004525100	£ 39.00
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	£ 39.00
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	£ 39.00
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	£ 39.00

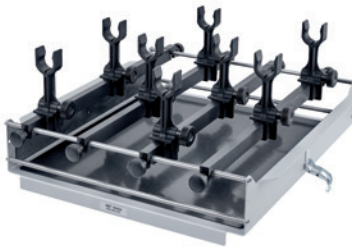


Product	Description	Ident. No.	Price
ACCESSORIES MS 3 BASIC   CONTROL			
MS 3.1	Standard attachment	0003426300	£ 15.00
MS 3.3	Universal attachment	0003426600	£ 15.00
MS 1.21	One-hand insert	L001540	£ 21.00
MS 1.30	Attachment for 0.5 ml tubes	0025005776	£ 46.00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	£ 48.00
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	£ 48.00
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	£ 48.00
MS 1.34	Test tube insert	L001830	£ 22.00
MS 3.4	Microtiter plate attachment	0003426400	£ 48.00
MS 3.5	PCR plate attachment, 96-well	0003428000	£ 48.00

ACCESSORIES VORTEX 3			
VG 3.1	Standard attachment	0003341200	£ 10.00
VG 3.2	One-hand attachment	0003342300	£ 21.00
VG 3.21	Rubber mat	0020008398	£ 14.00
VG 3.3	Universal attachment, 150 mm	0003342400	£ 23.00
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	£ 29.00
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	£ 57.00
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	£ 29.00
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	£ 29.00
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	£ 29.00
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	£ 29.00
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	£ 29.00
VG 3.37	Microtiter plate attachment	0003344400	£ 29.00



Product	Description	Ident. No.	Price
ACCESSORIES VXR			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	£ 91.00
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	£ 378.00
VX 2E.n	Eppendorf attachment, 64 × 1.5 ml	0020018016	£ 368.00
VX 7	Dish attachment	0000953300	£ 267.00
VX 8	Universal attachment	0000910400	£ 644.00
VX 11	Basic holder	0003627700	£ 138.00
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	£ 138.00
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	£ 138.00
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	£ 105.00
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	£ 105.00
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	£ 95.00
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	£ 95.00
VX 8.1	Clamping roll	0003375400	£ 34.00



ACCESSORIES KS 130 BASIC   CONTROL			
AS 130.1	Universal attachment	0008017300	£ 320.00
AS 130.2	Fixing clip attachment	0003115000	£ 96.00
AS 130.3	Dish attachment	0003120000	£ 91.00
AS 130.4	Test tube attachment	0003120300	£ 216.00
ACCESSORIES KS   HS 260 BASIC   CONTROL AND KS 3000			
AS 260.1	Universal attachment	0008017400	£ 536.00
AS 260.2	Fixing clip attachment	0003115500	£ 137.00
AS 260.3	Dish attachment	0003120600	£ 115.00
AS 260.5	Separating funnel attachment	0003120900	£ 558.00
ACCESSORIES KS   HS 501 DIGITAL			
AS 501.1	Universal attachment	0008000200	£ 1,613.00
AS 501.2	Separating funnel attachment	0008000300	£ 1,720.00
AS 501.3	Separating funnel attachment	0008000400	£ 1,397.00
AS 501.4	Fixing clip attachment	0002341100	£ 1,073.00
AS 501.5	Dish attachment	0002339600	£ 214.00
AS 501.6	Separating funnel attachment	0008000500	£ 2,474.00



Product	Description	Ident. No.	Price
ACCESSORIES KS 4000 I   IC CONTROL			
AS 4000.1	Universal attachment	0008022200	£ 859.00
AS 4000.2	Fixing clip attachment	0003710100	£ 715.00
AS 4000.3	Dish attachment	0003710000	£ 187.00
AS 1.400	Basic holder for AS 4000.1	0003710200	£ 490.00
AS 1.401	Clamping roll for AS 4000.1	0003712000	£ 47.00
AS 1.402	Fastening screw for AS 4000.1	0003712300	£ 7.00
ACCESSORIES			
AS 1.30	Basic holder for AS 130.1	0003148000	£ 271.00
AS 1.60	Basic holder for AS 260.1	0003149000	£ 490.00
AS 1.10	Basic holder for AS 501.1	0002339700	£ 726.00
AS 1.31	Clamping roll for AS 130.1	0003030500	£ 28.00
AS 1.61	Clamping roll for AS 260.1	0003030501	£ 35.00
AS 1.11	Clamping roll for AS 501.1	0002339800	£ 67.00
AS 1.6	Clamping device for AS 501.1	0001268400	£ 46.00
AS 1.7	Clamping device for AS 501.1	0001269200	£ 65.00
AS 1.12	Supporting bar for AS 1.10	0002594500	£ 134.00
AS 1.13	Ground section holder for AS 1.10	0002597000	£ 130.00
STICKMAX	Universal adhesive mat	0003920000	£ 49.00
AS 2.0	Fixing clips, 10 ml	0020016475	£ 44.00
AS 2.1	Fixing clips, 25 ml	0001234300	£ 22.00
AS 2.2	Fixing clips, 50 ml	0001234400	£ 22.00
AS 2.3	Fixing clips, 100 ml	0001234500	£ 22.00
AS 2.4	Fixing clips, 200   250 ml	0001234600	£ 44.00
AS 2.5	Fixing clips, 500 ml	0001234700	£ 44.00
AS 2.6	Fixing clips, 1000 ml	0003819300	£ 44.00
AS 2.7	Fixing clips, 2000 ml	0020016476	£ 62.00



IKA's ULTRA-TURRAX® – used for homogenizing, emulsifying or suspending. The digital display allows you to keep track of the speed and the development of the products focused on a soft start of the motor. There is a broad spectrum of dispersing tools to choose from. Common disperser applications include: homogenization of effluent samples, dispersing tasks under vacuum pressure, and PCR analysis.

### T 25 EASY CLEAN DIGITAL AND CONTROL

/// The new dispersing experience



More quiet, clean and even remote controlled: The T 25 easy clean high-performance disperser in the digital and control versions will change your dispersing experience. These instruments hit the spot with electronic speed control from 3000 – 25000 rpm, a working volume of 1 – 2000 ml (water), a long service life both for the drive and tools, as well as a wide range of dispersing tools to choose from. Medical samples are perfectly homogenised, cosmetics emulsified and paints suspended.



**ELECTRONICALLY COMMUTATED MOTOR**  
IKA applies a new motor technology to the devices in the T 25 easy clean series: The brushless DC motor, with a noise level of 70 dB, ensures a significant noise reduction in the lab. It also allows carbon dust-free operation.

**EASY CLEANING**  
Easy clean means: The dispersing element is easily cleaned without disassembly, thanks to its manually extendable rotor.

**INTEGRATED TEMPERATURE MEASUREMENT**  
Yet another highlight is the patented, integrated temperature measurement in the T 25 easy clean control version.

The temperature sensor is integrated into the tool and thus enables the permanent monitoring of the medium temperature.

**ULTRA-TURRAX® Tube Drive**  
£ 634.00  
Ident. No. 0003646000



**ULTRA-TURRAX® Tube Drive  
P control Workstation**  
£ 1,375.00  
Ident. No. 0025005836



**ULTRA-TURRAX® Tube Drive  
Workstation**  
£ 740.00  
Ident. No. 0003645000

Contains among others:  
2 x ST-20, 2 x DT-20,  
2 x BMT-20 G | S,  
2 x BMT-20 G | S



**ULTRA-TURRAX® Tube Drive  
P control**  
£ 1,322.00  
Ident. No. 0025005981



TECHNICAL DATA	UTTD® TUBE DRIVE	UTTD® TUBE DRIVE WORKSTATION	UTTD® TUBE DRIVE P CONTROL	UTTD® TUBE DRIVE P CONTROL WORKSTATION
Process type	Batch	Batch	Batch	Batch
Speed range	300 – 6000 rpm	300 – 6000 rpm	400 – 8000 rpm	400 – 8000 rpm
Timer	–	–	OLED	OLED
Noise without element	50 dB(A)	50 dB(A)	50 dB(A)	50 dB(A)
Reversible direction of rotation	–	–	Yes	Yes
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	5000 mPas
Dimensions (W x H x D) Dimension case (W x H x D)	100 x 40 x 160 mm	100 x 40 x 160 mm 270 x 78 x 225 mm	122 x 54 x 178 mm	122 x 54 x 178 mm 270 x 78 x 225 mm
Protection class according to DIN EN 60529	IP 20	IP 20	IP 20	IP 20



ST-20 ST-50-M



DT-20 DT-50-M



BMT-20-G-M BMT-20-S-IVD.50

New accessory

Product	Description	Ident. No.	Price
ST TUBE WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	£ 147.00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs.	0003700500	£ 178.00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	£ 83.00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	£ 147.00
DT TUBE WITH ROTOR-STATOR ELEMENT			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	£ 178.00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs.	0003700600	£ 210.00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	£ 157.00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	£ 94.00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	£ 157.00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	£ 83.00
BMT G   S TUBE FOR GRINDING WITH GLASS (G) OR STAINLESS STEEL (S) BALLS			
BMT-20-S	Tube with stirring element, stainless steel balls, 20 ml, 25 pcs.	0003703200	£ 168.00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	£ 168.00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	£ 242.00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	£ 242.00
BMT-20-S-IVD.50	Tube with stirring element, sterile, glass balls, 20 ml, 50 pcs., membrane lid, IVD product	0020019573	£ 794.00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	£ 126.00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	£ 126.00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	£ 178.00



DIS-50-S-M DIS-300-S-M



TC-20-M TC-50-M

Product	Description	Ident. No.	Price
TUBE WITH DISSOLVER ELEMENT AND MEMBRANE LID			
DIS-50-S-M	Tube with dispersing element, 50 ml, 10 pcs., stainless steel	0020016316	£ 104.00
DIS-50-T-M	Tube with dispersing element, 50 ml, 10 pcs., titanium	0020016317	£ 126.00
DIS-300-S-M.10	Tube with dispersing element, 300 ml, 10 pcs., stainless steel	0020016318	£ 157.00
DIS-300-S-M.50	Tube with dispersing element, 300 ml, 50 pcs., stainless steel	0020017313	£ 771.00
COVER			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	£ 31.00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	£ 31.00
BALLS FOR BMT TUBE			
Glass balls 6	Tube with stirring element, stainless steel balls, 20 ml, 25 pcs.	0003599200	£ 49.00
Stainless steel balls 5	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003599300	£ 49.00



### BMT-20-S-IVD

/// For use in human medicine

BMT-20-S-IVD\* is a universally applicable disposable mixing vessel for use in human medicine and infection diagnostics. The gamma-sterilized tube contains a stirring unit, 10 stainless steel balls and 5 ml of saline solution and has a screw-on cover with pierceable membrane. BMT-20-S-IVD facilitates and improves microbiological and molecular-biological analysis of patient samples such as tissue or intraoperative samples.

#### REDUCED RISK OF CONTAMINATION

No cross-contamination as sample is directly ground inside the vessel, no multiple opening of sample vessel required.

#### TIME SAVING

Disposable system, shorter sample preparation times, no cleaning of additional vessels.

#### TRACEABILITY

One single process for transport, grinding / homogenization and storage.

\*Currently released distribution countries are Austria, Belgium, Germany, Liechtenstein, Luxembourg, France, Iceland, Ireland, United Kingdom, Estonia and Malta



T 10 basic ULTRA-TURRAX®

£ 1,229.00  
Ident. No. 0003737002



T 18 digital ULTRA-TURRAX®

£ 1,332.00  
Ident. No. 0003720002



T 25 digital ULTRA-TURRAX®

£ 1,947.00  
Ident. No. 0003725002



T 50 digital ULTRA-TURRAX®

£ 3,099.00  
Ident. No. 0003787002



TECHNICAL DATA	T 10 BASIC ULTRA-TURRAX®	T 18 DIGITAL ULTRA-TURRAX®	T 25 DIGITAL ULTRA-TURRAX®	T 50 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Batch
Speed range	8000 – 30 000 rpm	3000 – 25 000 rpm	3000 – 25 000 rpm	600 – 10 000 rpm
Volume range (H <sub>2</sub> O)	0.0005 – 0.1 l	0.001 – 1.5 l	0.001 – 2.0 l	0.25 – 30 l
Speed control	Stepless	Stepless	Stepless	Stepless
Noise without element	65 dB(A)	75 dB(A)	75 dB(A)	72 dB(A)
Extension arm length	100 mm	160 mm	160 mm	220 mm
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	5000 mPas
Dimensions (W x H x D)	56 x 178 x 66 mm	87 x 271 x 106 mm	87 x 271 x 106 mm	115 x 355 x 139 mm
Protection class according to DIN EN 60529	IP 30	IP 20	IP 20	IP 20

T 25 easy clean digital

£ 2,050.00  
Ident. No. 0025002562



T 25 easy clean control

£ 2,357.00  
Ident. No. 0025002502



Integrated temperature  
measurement

T 65 basic ULTRA-TURRAX®

£ 4,716.00  
Ident. No. 0004023500



T 65 digital ULTRA-TURRAX®

£ 8,035.00  
Ident. No. 0004234500



TECHNICAL DATA	T 25 EASY CLEAN DIGITAL   CONTROL	T 65 BASIC ULTRA-TURRAX®	T 65 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch
Speed range	3000 – 25 000 rpm	7200 rpm	1000 – 9500 rpm
Volume range (H <sub>2</sub> O)	0.001 – 2.0 l	2 – 50 l	2 – 50 l
Speed control	Stepless	–	Stepless
Noise without element	70 dB(A)	75 dB(A)	75 dB(A)
Extension arm length	160 mm		
Viscosity max.	5000 mPas	5000 mPas	5000 mPas
Dimensions (W x H x D)	89 x 270 x 161 mm	185 x 450 x 400 mm	300 x 390 x 400 mm
Protection class according to DIN EN 60529	IP 30	IP 54	IP 54



S 10 N - 10 G - ST



S 10 D - 7 G - KS - 65



S 18 D - 10 G - KS



S 25 N - 18 G - ST



S 25 KV - 25 F



S 25 KD - 25 G - ST

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 10 BASIC			
S 10 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446500	£ 1,271.00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	£ 1,271.00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	£ 1,216.00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	£ 1,216.00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	£ 1,216.00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	£ 385.00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	£ 440.00

DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	£ 961.00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	£ 961.00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	£ 230.00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	£ 230.00
S 18   25-ET50	Disposable tube	0003452500	£ 4.00

DISPERSING ELEMENTS FOR T 25 DIGITAL			
S 25 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446900	£ 1,382.00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	£ 984.00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	£ 1,050.00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	£ 1,327.00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	£ 1,327.00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	£ 929.00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	£ 994.00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	£ 1,901.00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	£ 1,271.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	£ 1,936.00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	£ 1,382.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	£ 2,046.00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	£ 230.00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	£ 230.00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	£ 1,216.00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	£ 1,548.00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	£ 1,271.00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	£ 1,603.00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	£ 1,659.00
Silentstream		0003754000	£ 17.00
S 18   25-ET50	Disposable tube	0003452500	£ 4.00
TS 25-3	Cleaning tool	0020003013	£ 87.00
CT.15	Cleaning tube	0020006595	£ 115.00



S 25 EC - C - 18 G - ST



S 50 KG - HH - G 45 G - ST



S 50 KD - G 45 G



S 50 N - W 65 SK



S 65 C - G 65 G



S 65 KD - G 65 M

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 25 EASY CLEAN			
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm for T 25 easy clean, temperature measurement	0020007032	£ 1,434.00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm for T 25 easy clean	0025002580	£ 1,229.00

DISPERSING ELEMENTS FOR T 50 DIGITAL			
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	£ 4,007.00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	£ 4,007.00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	£ 4,272.00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	£ 4,417.00
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	£ 2,646.00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	£ 2,911.00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	£ 3,056.00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	£ 2,646.00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	£ 3,555.00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	£ 3,555.00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	£ 3,820.00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	£ 3,964.00
R 50	Stirring shaft, high speed	0001689300	£ 1,858.00
R 1405	Propeller, Ø 45 mm	0001289800	£ 183.00
R 1402	Dissolver, Ø 42 mm	0001243300	£ 255.00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	£ 2,968.00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	£ 2,777.00

DISPERSING ELEMENTS FOR T 65 D, BASIC AND DIGITAL			
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0008005500	£ 4,015.00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0008005700	£ 4,285.00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0008005900	£ 4,451.00
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	£ 3,504.00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	£ 3,775.00
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	£ 3,941.00
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	£ 3,606.00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	£ 3,877.00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	£ 4,043.00
D 60	Dissolver, Ø 60 mm	0020008388	£ 425.00
D 80	Dissolver, Ø 80 mm	0020008389	£ 486.00

NOMENCLATURE DISPERSING ELEMENTS				
Shaft		Outer diameter of stator		Saw tooth
S 50	KG - HH - G	45	G - ST	
	Sealing and bearing	Generator or element	Degree of fineness achieved	



IKA laboratory mills are ideal for grinding, pulverizing or chopping samples for routine analyses, either in batch or continuous operation. Grinding results are achieved up to 1 µm particle size or 0.25 mm defined ultimate fineness. Due to a broad spectrum of easily interchangeable beaters and cutters, IKA mills are highly effective for a variety of applications and can also be scaled up for larger volumes.

MULTIDRIVE BASIC AND CONTROL  
/// The all-rounder in coarse and fine crushing

Regardless of whether samples are hard, soft or fibrous – the IKA MultiDrive blender can perform a wide range of crushing tasks involving coarse and fine crushing, thanks to the variety of vessels available. With the MultiDrive basic it is possible to mix or grind; MultiDrive control is also fitted with a dispersion vessel and a disposable tube. There is a USB interface available for easy actuation and documentation respectively.

Available  
Q1 2019



**HIGH PERFORMANCE**  
Excellent crushing performance is guaranteed by a combination of variable rotational speeds, ranging from 3000 rpm to 20 000 rpm, and a 1000 W output.

**INTERVAL OPERATION**  
The option of interval programming is simple to activate at the press of a button. Interval operation is an asset during the coarse crushing of hard samples or for extra thorough blending.

**INTEGRATED COOLING**  
A cooling system is integrated in the milling cup, which allows indirect heat dissipation. Thus, coolant and sample remain separate.

**TEMPERATURE MEASUREMENT**  
MultiDrive control offers temperature measurement and vessel recognition using RFID. A temperature limit can be set for temperature-sensitive materials, or for specific planned reactions to protect against overheating.

**WEIGHING FUNCTION**  
The weighing function is also integrated into the user-friendly workflow of the IKA MultiDrive control. Weighing is performed before crushing using the same mixing cup, so that no transfer of contents is required.

**MultiDrive control**  
£ 3,075.00  
Ident. No. 0025002645



**MultiDrive basic**  
£ 2,562.00  
Ident. No.0025002640



TECHNICAL DATA	MULTIDRIVE CONTROL	MULTIDRIVE BASIC
Operating principle	Cutting / Impact	Cutting / Impact
Speed range	3000 – 20 000 rpm	3000 – 20 000 rpm
Useable volume max.	2000 ml	2000 ml
Feed hardness max.	5 Mohs	5 Mohs
Temperature measurement	Yes	–
Weighing function	Yes	–
Milling chamber can be cooled with water / dry ice	Yes / Yes	Yes / Yes
Dimensions (W x H x D)	300 x 450 x 250 mm	300 x 450 x 250 mm
Protection class according to DIN EN 60529	IP 31	IP 31

A 10 basic

£ 1,793.00  
Ident. No. 0025002268



A 11 basic

£ 2,152.00  
Ident. No. 0002900002



M 20

£ 5,690.00  
Ident. No. 0001603609

For dry grinding of  
hard and brittle  
substances



MF 10 basic

£ 4,101.00  
Ident. No. 0002836002



Two different grinding  
heads can be attached to  
the drive, **see Page 67**

TECHNICAL DATA	A 10 BASIC	A 11 BASIC	M 20	MF 10 BASIC
Process type	Batch	Batch	Batch	Inline
Operating principle	Cutting / Impact	Cutting / Impact	Cutting / Impact	Cutting / Impact
Speed max.	25 000 rpm	28 000 rpm	20 000 rpm	3000 – 6500 rpm
Useable volume max.	50 ml	80 ml	250 ml	–
Feed hardness max.	5 Mohs	6 Mohs	5 Mohs	6 Mohs (MF 10.2)
Milling chamber, can be cooled with water / dry ice / liquid nitrogen	Yes / Yes / No	No / Yes / Yes	Yes / Yes / No	No / Yes / No
Dimensions (W × H × D)	130 × 250 × 145 mm	85 × 240 × 85 mm	170 × 350 × 170 mm	320 × 380 × 300 mm
Protection class according to DIN EN 60529	IP 41	IP 43	IP 21	IP 22

Tube mill 100 control

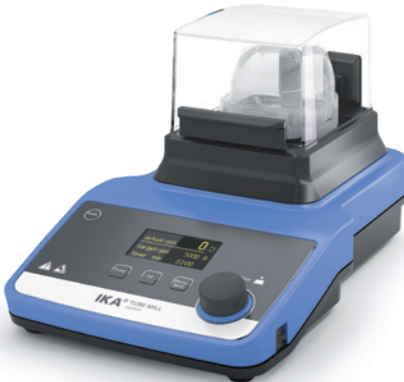
£ 2,116.00  
Ident. No. 0020007146



Designed for grinding  
chambers with max.  
100 ml

Tube Mill control

£ 1,905.00  
Ident. No. 0020000279



reddot design award  
winner 2013

German  
Design Award  
NOMINEE 2015



TECHNICAL DATA	TUBE MILL CONTROL	TUBE MILL 100 CONTROL
Process type	Batch	Batch
Operating principle	Cutting / Impact	Cutting / Impact
Speed max.	25 000 rpm	25 000 rpm
Circumferential speed max.	65 m/s	65 m/s
Useable volume max.	40 ml	100 ml
Feed hardness max.	5 Mohs	5 Mohs
Milling chamber, can be cooled with water / dry ice / liquid nitrogen	No / Yes / No	No / Yes / No
Dimensions (W × H × D)	180 × 170 × 300 mm	180 × 212 × 300 mm
Protection class according to DIN EN 60529	IP 30	IP 30





IKA MultiDrive BL 2000



IKA MultiDrive MI 250



MT 40



MMT 40



MTT 40



MMT 100

Product	Description	Ident. No.	Price
ACCESSORIES MULTIDRIVE			
MultiDrive BL 2000	Blender vessel, 2000 ml	0025003961	£ 511.00
MultiDrive BL 2000 T	Blender vessel, 2000 ml, Temperature measurement	0025003962	£ 614.00
MultiDrive MI 250	Milling chamber, 250 ml	0025003967	£ 614.00
MultiDrive MI 400	Milling chamber, 400 ml	0025003965	£ 716.00
MultiDrive MI 250 T	Milling chamber, 250 ml, Temperature measurement	0025003968	£ 716.00
MultiDrive MI 400 T	Milling chamber, 400 ml, Temperature measurement	0025003966	£ 819.00
MultiDrive DI 2000 T	Dispersing vessel, 2000 ml, Temperature measurement	0025003960	£ 921.00
ACCESSORIES TUBE MILL CONTROL			
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	£ 73.00
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	£ 623.00
MTC 40.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	£ 51.00
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	£ 126.00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	£ 83.00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	£ 719.00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	£ 83.00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	£ 147.00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	£ 369.00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	£ 221.00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	£ 242.00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	£ 126.00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	£ 147.00
A-MMT 40.100	Abrasion set for MMT 40.1   MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	£ 147.00



A 10.3



A 11.2



A 11.6



M 23



MF 10.1



MF 1.0



MF 4.0

Product	Description	Ident. No.	Price
ACCESSORIES A 10 BASIC			
A 10.1	Stainless steel cutter	0025001680	£ 42.00
A 10.2	Star-shaped cutter	0025001162	£ 130.00
A 10.3	Hard metal cutter	0025001161	£ 241.00
A 10.4	Grinding chamber reduction	0025001664	£ 95.00
ACCESSORIES A 11 BASIC			
A 11.1	Spare beater, stainless steel	0002904600	£ 92.00
A 11.2	Cutting blade, stainless steel	0002905200	£ 156.00
A 11.3	Beater, stainless steel	0002983000	£ 199.00
A 11.4	Grinding chamber, polycarbonate, 250 ml	0002904100	£ 546.00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	£ 398.00
A 11.6	Double beater, titanium	0003302900	£ 430.00
A 11.7	Funnel, PTFE	0003048700	£ 218.00
ACCESSORIES M 20			
M 21	Spare cutter, stn. steel	0000328200	£ 75.00
M 22	Hard metal cutter, tungsten carbide	0000521800	£ 320.00
M 23	Star-shaped cutter, stn. steel	0001443400	£ 149.00
M 20.1	Grinding chamber, 250 ml	0008006200	£ 3,287.00
ACCESSORIES MF 10 BASIC			
MF 10.1	Cutting-grinding head	0002870900	£ 3,231.00
MF 10.2	Impact-grinding head	0002871000	£ 2,966.00
SIEVES			
MF 0.25	Sieve, Ø 0.25 mm	0002938900	£ 347.00
MF 0.5	Sieve, Ø 0.5 mm	0002939000	£ 247.00
MF 1.0	Sieve, Ø 1 mm	0002939200	£ 247.00
MF 2.0	Sieve, Ø 2 mm	0002939400	£ 247.00
MF 3.0	Sieve, Ø 3 mm	0002939500	£ 269.00
MF 4.0	Sieve, Ø 4 mm	0002939600	£ 315.00

Display viscosity even during product development: the new IKA STARVISC torque-measuring stirrers make it possible. The devices have a broad range of applications and are particularly helpful during product development: STARVISC already clearly indicates while running research programmes as to whether the stirred substance can be used as desired.

STARVISC 200-2.5 CONTROL

/// The only device that can do everything at the same time



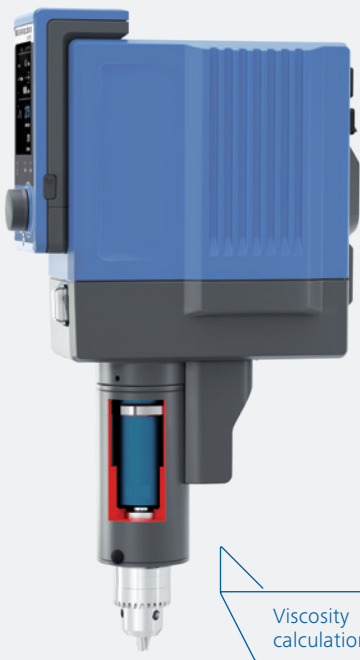
**HIGH-PRECISION MEASUREMENT**  
STARVISC measures in a highly precise way and does this even during the manufacturing process. Samples no longer have to be taken separately.

**VISCOSITY CALCULATION**  
A viscosity calculation can be carried out immediately via an user-friendly menu.

**REMOVABLE CONTROL UNIT**  
The modern TFT display is removable. This means that STARVISC can also be controlled from a safe distance.

**POWERFUL STIRRER**  
Even highly viscous substances can be intensively stirred using the powerful STARVISC stirrer. Quantities of up to 100 liters can be processed.

STARVISC 200-2.5 control  
£ 5,358.00  
Ident. No. 0025006518



TECHNICAL DATA	STARVISC 200-2.5 CONTROL
Stirring quantity max. (H <sub>2</sub> O)	100 l
Torque max. at stirring shaft	200 Ncm
Torque I max.	200 Ncm
Torque II max.	40 Ncm
Speed range I (high torque)	0 / 6 – 400 rpm
Speed range II (high speed)	0 / 30 – 2000 rpm
Display	TFT
Viscosity max.	100 000 mPas
Dimensions (W × H × D)	91 × 395 × 231 mm
Protection class according to DIN EN 60529	IP 40

Name	Description	Ident. No.	Price
ACCESSORIES STARVISC 200-2.5 CONTROL			
Stirring elements			
R 1302	Dissolver stirrer, Ø 100 mm	0002387900	£ 504.00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	£ 337.00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	£ 409.00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	£ 163.00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	£ 152.00
Boss head clamp			
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	£ 103.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	£ 168.00
Stands			
R 2722	H-stand, 1010 mm	0001412000	£ 652.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	£ 1,209.00
Software			
labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	£ 4,185.00
labworldsoft® 6 Pro	For all configurations – any no. of devices can be controlled at the same time	0020017366	£ 9,551.00



R 1302



R 1330



R 1331



R 1345



R 1375



The ROTAVISC series determines the viscosity of liquids in all areas of application ranging from the laboratory to quality control. The four devices measure in different viscosity ranges. Regardless of a simple or demanding viscosity measurement – ROTAVISC delivers rapid and accurate results.

ROTAVISC

/// With the largest range of functions in its class

EASY TO OPERATE

The generous 4.3" TFT display allows for an intuitive menu guidance. A digital spirit level also supports the correct set-up of the start-up condition. The simple ramp function simplifies repetitive tasks.

HIGHEST MEASUREMENT ACCURACY

The level of measurement accuracy of the ROTAVISC rotational viscometer for both Newtonian and non-Newtonian fluids is +/- 1 % of the measuring range. The repeatability is +/- 0.2 %.

STEPLESS SPEED

ROTAVISC is a viscometer, which offers stepless speed adjustment.

SCOPE OF DELIVERY

The package includes a standard spindle set, a protective bracket, temperature sensor, quick connector, hook connector and ROTASTAND stand. Advanced packages additionally include software.



- 1

ROTAVISC lo-vi Complete

£ 2,479.00

Ident. No. 0025000310
- 2

ROTAVISC me-vi Complete

£ 2,479.00

Ident. No. 0025000311
- 3

ROTAVISC hi-vi I Complete

£ 2,479.00

Ident. No. 0025000312
- 4

ROTAVISC hi-vi II Complete

£ 2,479.00

Ident. No. 0025000313
- 5

ROTAVISC lo-vi Advanced

£ 3,099.00

Ident. No. 0025000320
- 6

ROTAVISC me-vi Advanced

£ 3,099.00

Ident. No. 0025000321
- 7

ROTAVISC hi-vi I Advanced

£ 3,099.00

Ident. No. 0025000322
- 8

ROTAVISC hi-vi II Advanced

£ 3,099.00

Ident. No. 0025000323

Advanced packages include software



\* After device registration on myIKA

TECHNICAL DATA	ROTAVISC
Viscosity accuracy	± 1 % FSR
Viscosity repeatability	0.2 % FSR
Display	TFT
Motor rating output	4.8 W
Working temperature	Min.: -100 °C Max.: +300 °C
Speed	0.01 – 200 rpm
Speed setting accuracy	in range 0.01 – 1 : 0.01 rpm in range 1 – 200 : 0.1 rpm
Temperature measurement resolution	0.1 K
Connection for ext. temperature sensor	PT 100
Interfaces	USB, RS 232
Dimensions (W x H x D)	351 x 629 x 372 mm
Weight	7.1 kg

MEASURING RANGES	
ROTAVISC lo-vi	
Viscosity measuring range	1 – 6 000 000 mPas
ROTAVISC me-vi	
Viscosity measuring range	100 – 40 000 000 mPas
ROTAVISC hi-vi I	
Viscosity measuring range	200 – 80 000 000 mPas
ROTAVISC hi-vi II	
Viscosity measuring range	800 – 320 000 000 mPas



DINS-1



ELVAS-1



VOLS-1



VAN-1

Product	Description	Ident. No.	Price
DIN ADAPTER			
DINS-1	DIN adapter set	0025000387	£ 1,777.00
SPIRAL ADAPTER			
SAS-1	Spiral adapter set	0025000377	£ 935.00
EXTREMELY LOW VISCOSITY ADAPTER			
ELVAS-1	Extremely low viscosity adapter set	0025000390	£ 1,176.00
LOW VOLUME ADAPTER			
VOLS-1	Low volume adapter set	0025000352	£ 979.00
VANE SPINDLE			
VAN-1	Vane spindle set	0025000407	£ 867.00
SOFTWARE			
labworldsoft® 6 Starter	Laboratory software	0020019397	£ 4,185.00
labworldsoft® 6 Pro	Laboratory software	0020017366	£ 9,551.00



CAL-O-5



CAL-O-100000

Product	Description	Ident. No.	Price
STANDARD SILICONE OIL			
CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	£ 115.00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	£ 115.00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	£ 115.00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	£ 115.00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	£ 115.00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	£ 115.00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	£ 115.00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	£ 115.00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	£ 115.00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	£ 115.00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	£ 115.00



IKA’s small but excellent product group of vacuum pumps is perfectly suitable for many dry and oil-free applications in the laboratory. The devices stand out due to their high suction capacity and ease of service. Their membranes are particularly chemical resistant, as well. The diaphragm vacuum pumps are suitable for many vacuum tasks in the lab such as separation, filtration or degassing. They are even suitable to construct a laboratory vacuum system in which you can switch any number of vacuum controllers in series according to the application. In addition, they perfectly complement rotary evaporators or laboratory reactors.

VACSTAR DIGITAL AND CONTROL

/// Fully automatic vacuum with an emission condenser

Separation, filtration, removal: The VACSTAR dry 4-chamber membrane vacuum pump is powerful, resistant to chemicals and low-maintenance.

HIGH-PERFORMANCE SUCTION  
VACSTAR has an excellent suction performance, with its 22 l/min at a minimum of 2 mbar.

INTEGRATED VACUUM CONTROLLER WITH  
REMOVABLE WICO

PROTECTS USER AND ENVIRONMENT  
The VACSTAR system includes a downstream vacuum safety emission condenser (VSE1). This reliably protects laboratory employees and the environment from harmful exhaust air.



VACSTAR digital

£ 2,172.00  
Ident. No. 0020016247

VACSTAR control

£ 4,085.00  
Ident. No. 0020019067



Automatic cleaning  
function for increased  
service life



TECHNICAL DATA	VACSTAR DIGITAL   VACSTAR CONTROL
Maximum pumping capacity	22 l/min
Boiling point detection	No   Yes
Solvent library	No   Yes
Speed range	285 – 1200 rpm
Vacuum sensor	No   Yes
Min. input pressure	2 mbar
Max. input pressure	1030 mbar
Dimensions (W x H x D)	150 x 375 x 370 mm 270 x 435 x 500 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 interface	Yes
USB interface	Yes
Voltage	100 – 240 V

Product	Ident. No.	Price
ACCESSORIES VACSTAR DIGITAL AND CONTROL		
VSW 1 vacuum safety woulff bottle	0020015406	£ 381.00
VSE 1 vacuum safety emission	0035001873	£ 444.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	£ 33.00



VSW 1



VSE 1

MVP 10 basic

£ 1,576.00  
Ident. No. 0020004969



Product	Ident. No.	Price
ACCESSORIES MVP 10 BASIC		
VCV 1 vacuum control valve manual	0020004850	£ 555.00
VCV 2 vacuum control valve digital	0020004893	£ 921.00
VSS 1 vacuum safety set	0020005194	£ 778.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	£ 33.00



VCV 1



VSS 1

TECHNICAL DATA	MVP 10 BASIC
Maximum pumping capacity	28.3 l/min
Speed range	1380 – 1680 rpm
Vacuum sensor	No
Min. input pressure	7 mbar
Max. input pressure	1050 mbar
Dimensions (W × H × D)	245 × 155 × 320 mm
Protection class acc. to DIN EN 60529	IP 54
RS 232 interface	No
USB interface	No
Voltage	230 / 115 / 100 V

VC 10

£ 1,559.00  
Ident. No. 0020005132



TECHNICAL DATA	VC 10
Vacuum sensor	Yes
Min. input pressure	1 mbar
Max. input pressure	1050 mbar
Boiling point detection	Yes
Solvent library	Yes
Two-point control	Yes
Dimensions (W × H × D)	95 × 150 × 110 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 interface	Yes
USB interface	Yes
Voltage	100 – 240 V

Product	Ident. No.	Price
ACCESSORIES VACUUM CONTROLLER		
VC 10.300 check valve	0020011105	£ 163.00
VC 10.400 table holder	0035001735	£ 200.00



VC 10.300



VC 10.400



IKA offers a wide range of high-precision temperature control systems according to DIN 12876 for temperature ranges of -30 °C to 250 °C. The product portfolio includes immersion circulators, heating bath circulators and recirculating chillers. Precise technology and user-friendly design make temperature control easy for any application. All IKA temperature control instruments meet the highest standards in terms of safety, power and intelligence. In addition, IKA provides a wide range of accessories for its temperature control systems such as baths, bridges, thermal fluids and much more.



HRC 2 CONTROL

/// Compact refrigerated and heating circulator

The compact refrigerated and heating circulator HRC 2 control is renowned for its high energy efficiency, a working temperature range from -30 °C to 100 °C and a powerful and infinitely variable pressure and suction pump. The on-demand and speed-controlled compressor reduces noise and operating costs. The HRC 2 control in combination with an external temperature sensor is perfectly suitable to precisely temper external closed or open applications.



ICC basic

£ 976.00  
Ident. No. 0004134400



ICC control

£ 1,566.00  
Ident. No. 0004136600



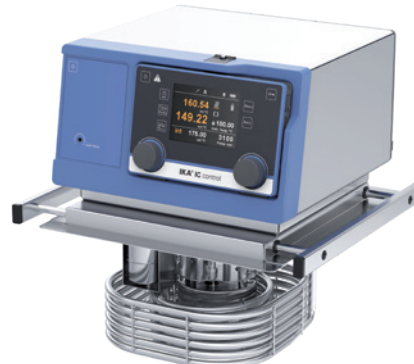
IC basic

£ 2,361.00  
Ident. No. 0003861000



IC control

£ 3,112.00  
Ident. No. 0003863000\*\*

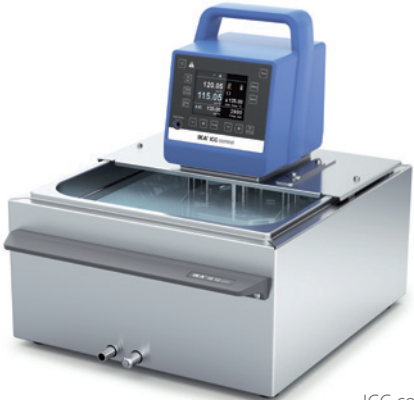


TECHNICAL DATA	ICC BASIC	ICC CONTROL	IC BASIC	IC CONTROL
Appliance type	Compact immersion circulator	Compact immersion circulator	Immersion circulator	Immersion circulator
Heat output (230 / 115 V)	2000 / 1000 W	2000 / 1000 W	2500 / 1250 W	2500 / 1250 W
Temperature range	RT +10 °C – 150 °C	RT +10 °C – 150 °C	RT +10 °C – 250 °C*	RT +10 °C – 250 °C*
Temperature display	LED	TFT	LED	TFT
Temperature stability DIN 12876	± 0.02 K	± 0.01 K	± 0.02 K	± 0.01 K
Max. flow rate	18 l/min	18 l/min	31 l/min	31 l/min
Max. pump pressure	0.3 bar	0.3 bar	0.61 bar	0.61 bar
Min. suction pressure	0.2 bar	0.2 bar	0.45 bar	0.45 bar
Dimensions (W x H x D)	145 x 340 x 200 mm	145 x 340 x 200 mm	285 x 313 x 291 mm	285 x 313 x 291 mm

\* Possible operating temperatures with cooling coil: -20 °C to 250 °C  
\*\* CC 1 cooling coil included in delivery



ICC basic eco 8



ICC control pro 12

Product	Description	Bath size	Bath opening (W x D)*	Ident. No.	Price
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HEATING BATH CIRCULATORS

ICC basic eco* 8	Package ICC basic, 8 l eco bath	S	188 x 105 mm	0008034900	£ 1,384.00
ICC basic pro** 9	Package ICC basic, 9 l pro bath	S	195 x 100 mm	0008035100	£ 1,524.00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 x 127 mm	0010000414	£ 1,588.00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 x 305 mm	0008035000	£ 1,524.00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 x 309 mm	0008035200	£ 1,695.00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 x 105 mm	0008035300	£ 1,974.00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 x 100 mm	0008035500	£ 2,114.00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 x 127 mm	0010000415	£ 2,178.00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 x 305 mm	0008035400	£ 2,114.00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 x 309 mm	0008035600	£ 2,286.00

COMBINED HEATING BATH CIRCULATORS

ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 x 105 mm	0008035700	£ 1,749.00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 x 100 mm	0008035900	£ 1,888.00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 x 127 mm	0010000416	£ 1,996.00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 x 305 mm	0008035800	£ 1,931.00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 x 309 mm	0008036000	£ 2,103.00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 x 105 mm	0008036100	£ 2,618.00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 x 100 mm	0008036300	£ 2,758.00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 x 305 mm	0008036200	£ 2,801.00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 x 127 mm	0010000417	£ 2,854.00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 x 309 mm	0008036400	£ 2,972.00

PACKAGES WITH MAGNETIC STIRRER

ICC basic IB R RO 15 eco	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002471	£ 3,541.00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002474	£ 4,185.00

\*eco: plastic bath  
\*\*pro: stainless steel bath



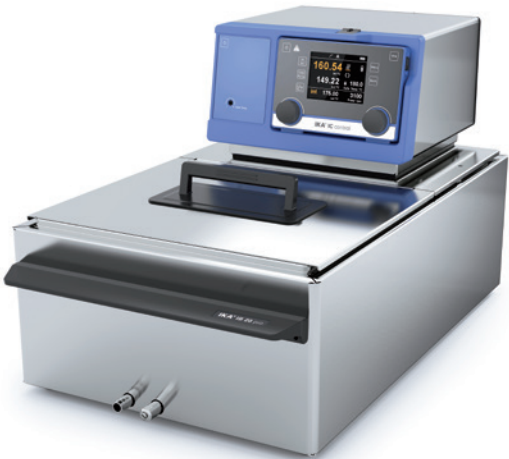
ICC control pro 20 c



ICC basic IB R RO 15 eco  
(Circulating bath with 15 stirring postions for glass beakers up to 250 ml)



IC basic pro 12 c



IC control pro 20 c

Product	Description	Bath size	Bath opening (W x D)*	Ident. No.	Price
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IMMERSION CIRCULATOR PACKAGES

IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 x 80 mm	0008039900	£ 3,498.00
IC basic pro 20 c	Package IC basic, 20 l epro bath, cover	L	255 x 262 mm	0008036800	£ 3,649.00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0008040000	£ 4,142.00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0008037200	£ 4,293.00

\* Size of plate that can be placed at the bottom of the bath



/// Heating Bath Circulators

① HBC 5 basic

£ 3,112.00  
Ident. No. 0004125000

①



① HBC 10 basic

£ 3,327.00  
Ident. No. 0004135000

②

② HBC 10 control

£ 3,971.00  
Ident. No. 0004137000

②



/// Refrigerated and Heating Bath Circulators



① CBC 5 basic

£ 4,936.00  
Ident. No. 0004165000

①



① HRC 2 basic

£ 4,024.00  
Ident. No. 0025003742

②

② HRC 2 control

£ 4,829.00  
Ident. No. 0025004524

②



TECHNICAL DATA	HBC 5 BASIC   CONTROL*	HBC 10 BASIC   CONTROL*	CBC 5 BASIC   CONTROL	HRC 2 BASIC   CONTROL
Appliance type	Heated bath circulator	Heated bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator
Heater capacity (230 / 115 V)	2500 / 1250 W	2500 / 1250 W	2500 / 1250 W	1500 / 1200 W
Temperature range	RT +10 °C – 250 °C	RT +10 °C – 250 °C	-25 °C – 200 °C	-20 °C – 100 °C   -30 °C** – 100 °C
Cooling capacity @ 20 °C	–	–	350 W	400 W
Temperature display	LED   TFT	LED   TFT	LED   TFT	LED   TFT
Temperature stability DIN 12876	± 0.02 K   ± 0.01 K	± 0.02 K   ± 0.01 K	± 0.02 K   ± 0.01 K	± 0.1 K   ± 0.05 K
Max. flow rate	31 l/min	31 l/min	31 l/min	21 l/min
Max. pump pressure	0.61 bar	0.61 bar	0.61 bar	0.5 bar
Min. suction pressure	0.45 bar	0.45 bar	0.45 bar	0.25 bar
Dimensions (W x H x D)	275 x 406 x 500 mm	275 x 456 x 500 mm   275 x 456 x 506 mm	275 x 690 x 490 mm	220 x 475 x 525 mm

\* Possible operating temperatures with cooling coil: -20 °C to 250 °C

\*\* -30 °C possible at 2000 rpm

RC 2 basic  
£ 3,327.00  
Ident. No. 0004171000



RC 2 control  
£ 4,293.00  
Ident. No. 0004173000



BESTSELLER

RC 5 basic  
£ 4,829.00  
Ident. No. 0004181000



RC 5 control  
£ 5,634.00  
Ident. No. 0004183000



TECHNICAL DATA	RC 2 BASIC	RC 2 CONTROL	RC 5 BASIC	RC 5 CONTROL
Appliance type	Recirculating chiller	Recirculating chiller	Recirculating chiller	Recirculating chiller
Cooling capacity at 20 °C	400 W	400 W	1400 W	1400 W
Temperature range	-20 °C – RT	-30 °C – RT	-30 °C – RT	-30 °C – RT
Temperature display	LED	TFT	LED	TFT
Temperature stability DIN 12876	± 0.1 K	± 0.05 K	± 0.2 K	± 0.1 K
Max. flow rate	18 l/min	18 l/min	31 l/min	31 l/min
Max. pump pressure	0.3 bar	0.3 bar	0.61 bar	0.61 bar
Min. suction pressure	0.2 bar	0.2 bar	0.45 bar	0.45 bar
Dimensions (W x H x D)	220 x 475 x 525 mm	220 x 475 x 525 mm	310 x 546 x 490 mm	310 x 546 x 490 mm





CS.ICC                      CL.ICC



BS.ICC                      PCS.ICC



BS.IC                      CC1



IB 8 eco                      IB 18 eco



IB 9 pro                      IB 20 pro

Product	Description	Ident. No.	Price
ACCESSORIES FOR ICC			
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	£ 134.00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	£ 171.00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	£ 177.00
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	£ 128.00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	£ 128.00
CC2	Cooling coil for ICC	0025001061	£ 126.00
PCS.ICC	Pump connection set for ICC	0004471900	£ 148.00

ACCESSORIES FOR IC			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	£ 128.00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	£ 171.00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	£ 128.00
CC1	Cooling coil for IC basic / control	0020005116	£ 134.00

BATH VESSELS			
Bath size S			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	£ 343.00
IB R 9 eco	Bath vessel, 9 l, 31 × 24 × 15 mm, plastic, rectangular	0020004382	£ 359.00
IB 9 pro	Bath vessel, stn. steel, 9 l	0004248500	£ 482.00

Bath size M			
IB 12 pro	Bath vessel, stn. steel, 12 l	0004577500	£ 547.00

Bath size L			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	£ 482.00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	£ 536.00
IB R 20 eco	Bath vessel, 20 l, 50 × 31 × 15 mm, plastic, rectangular	0020004383	£ 482.00
IB R 52 eco	Bath vessel, 52 l, 60 × 31 × 30 mm, plastic, rectangular	0020007044	£ 665.00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	£ 826.00
IB 20 pro	Bath vessel, stn. steel, 20 l	0004248600	£ 654.00

Product	Description	Ident. No.	Price
THERMOFLUIDS			
HF.Si.20.250.50A	Heating Fluid Si250A; 10 kg	0020003521	£ 494.00
HF.Si.20.200.50	Heating Fluid Si200; 10 kg	0020003520	£ 440.00
UF.Si.N30.150.10LV	Universal Fluid Si150 LV; 9 kg	0020003518	£ 440.00

HOSES			
LT 5.20	High temperature hose kit insulated, 2 × 1.5 m, stainless steel	0002606700	£ 1,154.00
LT 5.21	High temperature hose kit insulated, 2 × 1.5 m, PTFE	0020000988	£ 910.00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 × 1.5 m	0004568800	£ 11.00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 × 1.5 m	0004568900	£ 15.00
H.SI.8	Hose, silicone, Ø 8 mm, 2 × 1.5 m	0004569000	£ 31.00
H.SI.12	Hose, silicone, Ø 12 mm, 2 × 1.5 m	0004569100	£ 37.00
H.PUR.8.R	Tube PUR 90 °C, diam. 8, 2 × 1.5 m, reinforced	0020004612	£ 56.00
H.PUR.12	Tube PUR 90 °C, diam. 12, 2 × 1.5 m	0020004613	£ 70.00
H.FKM.8	Tube FKM, diam. 8 mm, -30 °C ... 180 °C, 2 × 1.5 m	0004569200	£ 290.00
H.FKM.12	Tube FKM, diam. 12 mm, -30 °C ... 180 °C, 2 × 1.5 m, M 16 × 1	0004569300	£ 375.00

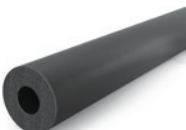
INSULATION FOR HOSES			
ISO.8	Insulation, Ø 8 mm	0004569400	£ 25.00
ISO.12	Insulation, Ø 12 mm	0004569500	£ 33.00



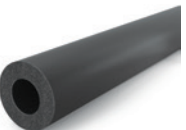
LT 5.20



H.SI.8



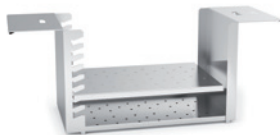
ISO.8



ISO.12



Tube rack, 13 mm, S, stainless



Variable rack, ICC, ML, stainless



Variable bottom, ICC, L, stainless



Bottom plate L



Floating tube rack 1



Floating tube rack 2



Floating tube rack 3

Product	Description	Ident. No.	Price
TUBE RACKS			
Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, d=13 mm	0020004026	£ 83.00
Tube rack, 17 mm, S, stainless	Stainless steel rack bath size S, d=17 mm	0020004027	£ 83.00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, d=22 mm	0020004028	£ 83.00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, d=13 mm	0020004029	£ 140.00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, d=17 mm	0020004030	£ 140.00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, d=22 mm	0020004031	£ 140.00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	£ 181.00
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, d=13 mm, 2 pcs.	0020004033	£ 60.00
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, d=17 mm, 2 pcs.	0020004034	£ 60.00
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, d=22 mm, 2 pcs.	0020004035	£ 60.00
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	£ 401.00
Bottom plate L	Bottom plate for bath size L	0020006212	£ 436.00
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	£ 365.00

FLOATING RACKS			
Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	£ 32.00
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	£ 32.00
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	£ 32.00



CO V 1



Ball valve M16x1



Mechanic fluid level controller



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4



WH10



Floating globes, PP

Product	Description	Ident. No.	Price
MAGNETIV VALVES, BALL VALVES AND LEVEL CONTROLLER			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	£ 397.00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	£ 601.00
Ball valve M16 x 1	Ball valve, completely opening (M16 x 1)	0020004620	£ 82.00
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	£ 330.00

ADAPTERS			
Elbow tube 90°	Elbow tube 90°	0025001212	£ 77.00
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	£ 27.00
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	£ 27.00
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	£ 27.00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	£ 27.00
Adapter NTP 1/4	Adapter M16 to NPT 1/4, 2 pcs.	0020004569	£ 40.00
Adapter NTP 1/2	Adapter M16 to NPT 1/2, 2 pcs.	0020004570	£ 128.00
Adapter NTP 3/4	Adapter M16 to NPT 3/4, 2 pcs.	0020004571	£ 154.00
Lock nut	Lock nut, 2 pcs.	0020004583	£ 32.00
Stopper	Stopper, 2 pcs.	0020004584	£ 32.00

ADDITIONAL ACCESSORIES			
WH10	WiCo Holder	0020000984	£ 18.00
PT 100.30	Temp. sensor, stn. steel	0004284700	£ 305.00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	£ 182.00
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	£ 112.00

IKA has a diverse range of dry block heaters designed to accommodate various interchangeable heating blocks. They provide precise temperature control for reproducible results. These digital block heaters are ideal for melting and boiling point determination, enzyme reactions, incubation and activation of cultures, immunoassays, DNA denaturation, culture media tests, coagulation tests, blood urea nitrogen determinations and in situ hybridizations.

DRY BLOCK HEATERS

/// Provide precise temperature control in small vessels



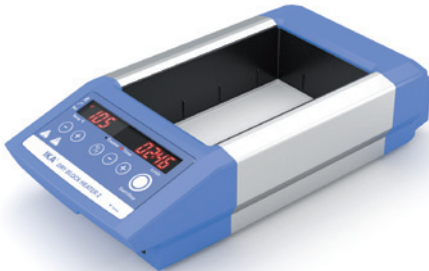
Digital block heaters for up to four aluminum blocks provide precise temperature control in small vessels. Included PT 1000 temperature sensor allows temperature control directly in the sample vessel. It is used with PCR tubes, PCR strips, Greiner tubes, microplates and cuvettes. The digital dry block heaters with precisely designed blocks ensure highly accurate and reproducible results, guaranteeing short heating times. The bright, easy to read LED display facilitates very easy setting of the required temperature and accurate monitoring of the actual temperature. Excellent temperature uniformity and stability is ensured.

- TIMER  
Countdown, adjustable from 1 min to 99 h 59 min.
- FIXED SAFETY CIRCUIT
- ACCESSORIES  
Highly versatile with a large number of blocks.

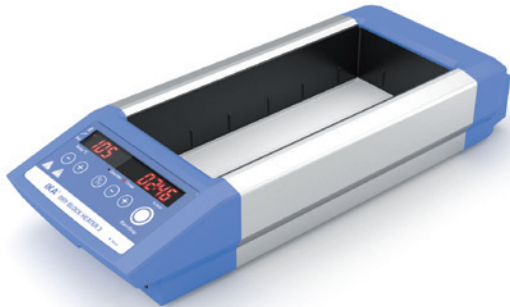
Dry Block Heater 1  
£ 974.00  
Ident. No. 0004025102



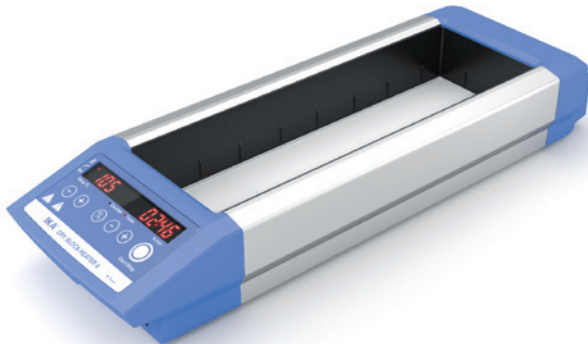
Dry Block Heater 2  
£ 1,179.00  
Ident. No. 0004025202



Dry Block Heater 3  
£ 1,384.00  
Ident. No. 0004025302



Dry Block Heater 4  
£ 1,589.00  
Ident. No. 0004025402



Capacity for 4 heating blocks

TECHNICAL DATA	DRY BLOCK HEATER 1	DRY BLOCK HEATER 2	DRY BLOCK HEATER 3	DRY BLOCK HEATER 4
Number of blocks	1	2	3	4
Heat output	165 W	250 W	330 W	412 W
Heating temperature range	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C
Connection for ext. temperature sensor	CT (DIN 12878)	CT (DIN 12878)	CT (DIN 12878)	CT (DIN 12878)
Temperature homogeneity at 37 / 60 °C	0.2 K / 0.4 K	0.2 K / 0.4 K	0.3 K / 0.6 K	0.3 K / 0.6 K
Set-up plate dimensions	96 × 76 mm	96 × 152 mm	96 × 228 mm	96 × 304 mm
Dimensions (W × H × D)	151 × 73 × 228 mm	151 × 73 × 304 mm	151 × 73 × 380 mm	151 × 73 × 456 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21





DB 1.1



DB 3.2

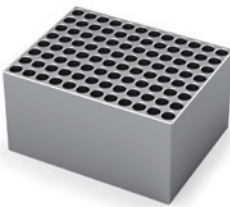


DB 4.6

Product	Description	Ident. No.	Price
MICRO CENTRIFUGE TUBES			
DB 1.1	Single block, PCR tubes, Ø 7.9 mm	0004467600	£ 101.00
DB 1.2	Single block, Eppendorf tubes, Ø 11.5 mm	0004467700	£ 101.00
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800	£ 101.00
DB 1.4	Single block, VWR   Eppendorf tubes, Ø 11.5 mm	0004467900	£ 101.00
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	£ 101.00
CONICAL BOTTOM CENTRIFUGE TUBES			
DB 2.1	Single block, conical tubes, Ø 17.1 mm	0004468100	£ 101.00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	£ 101.00
COMBINATION BLOCKS			
DB 3.1	Single block, test tube comb., 6   12   13   25 mm	0004468300	£ 101.00
DB 3.2	Single block, centrifuge comb., 1.5   15   50 ml	0004468400	£ 101.00
DB 3.3	Single block, microtube comb., 0.5   1.5   2 ml	0004468500	£ 101.00
STANDARD TEST TUBES			
DB 4.1	Single block, round tubes, Ø 8.3 mm	0004468600	£ 107.00
DB 4.2	Single block, round tubes, Ø 10.7 mm	0004468700	£ 107.00
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800	£ 107.00
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900	£ 107.00
DB 4.5	Single block, round tubes, Ø 17.5 mm	0004469000	£ 107.00
DB 4.6	Single block, round tubes, Ø 21 mm	0004469100	£ 107.00
DB 4.7	Single block, round tubes, Ø 26.2 mm	0004469200	£ 107.00
DB 4.8	Single block, round tubes, Ø 35 mm	0004469300	£ 107.00
DB 4.9	Single block, round tubes, Ø 19.1 mm	0004469400	£ 107.00



DB 5.1



DB 6.3



DB 8.1

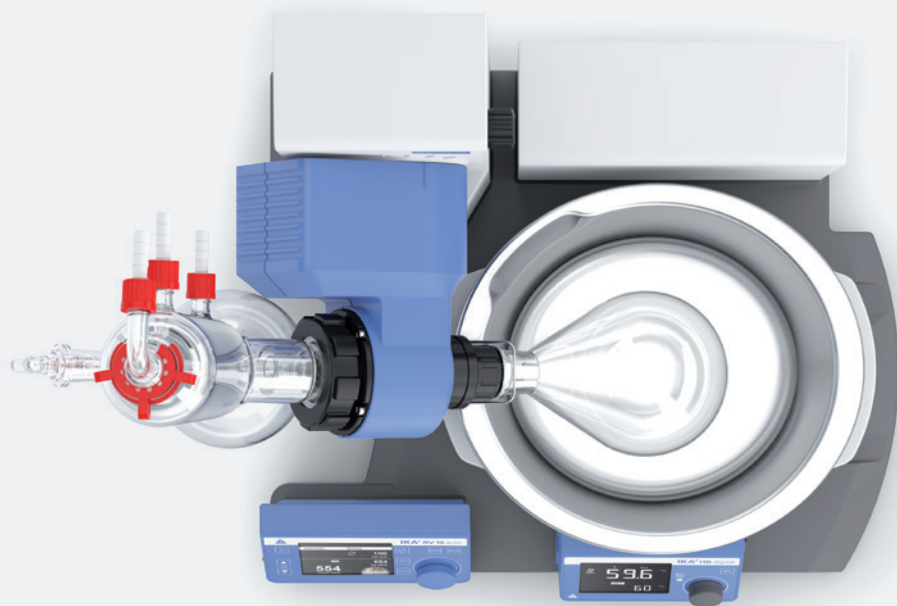
Product	Description	Ident. No.	Price
VIALS			
DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500	£ 107.00
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600	£ 107.00
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700	£ 107.00
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800	£ 107.00
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900	£ 107.00
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000	£ 107.00
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100	£ 107.00
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200	£ 107.00
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300	£ 107.00
STANDARD TEST TUBES			
DB 6.1	Single block, 10 x 8 PCR tube strips, Ø 6.4 mm	0004470400	£ 101.00
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500	£ 101.00
DB 6.3	Double block, 1 x 96-Well PCR plate, Ø 6.4 mm	0004470600	£ 148.00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	£ 148.00
DB 8.1	Single block, 2 x 6 cuvettes, Ø 12.5 mm	0004470700	£ 101.00
TEMPERATURE SENSOR			
PT 1000.60	Temp. sensor, stn. steel	0003516800	£ 119.00
PT 1000.90	Temp. sensor, coated	0004480600	£ 169.00

IKA heating baths are developed with a strong focus on safety. All baths are equipped with a double jacket to protect against burns and a safety temperature monitor prevents overheating of the bath. After turning on the unit, the safety functions are automatically checked.

HB DIGITAL

/// Enlarged volume

The new universal heating bath HB digital now has a volume of 4 liters and is especially designed to work with our rotary evaporators. Apart from that, the unit can be operated as a stand-alone device for applications within preparative chemistry. It is easily operated by a push-button and a key switch locks temperature settings to prevent unintentional adjustments. Due to its ergonomic handles the device can be moved effortlessly within the laboratory. Its safety circuit is adjustable.



HB eco

£ 1,046.00  
Ident. No. 0020016338

Now with 4 l capacity



HB digital

£ 1,303.00  
Ident. No. 0020016335

Heating temperature up to 180 °C



HBR 4 control

£ 3,512.00  
Ident. No. 0020009381

Integrated magnetic stirrer drive



Name		Ident. No.	Price
ACCESSORIES HBR 4 CONTROL			
H 240	Ring set	0002858700	£ 492.00
H 159	Intermediate bottom	0001809700	£ 225.00



H 240



H 159

TECHNICAL DATA	HB ECO   DIGITAL	HBR 4 CONTROL
Heating temperature max.	99 °C   180 °C	200 °C
Filling volume max.	4 l	3 l
Filling point min.	60 mm	20 mm
Heat output	1400 W   1350 W	1000 W
Safety circuit	109 °C   50 – 190 °C	50 – 210 °C
Heat control	Turning knob   LCD	LCD
Inner diameter	225 mm	200 mm
Dimensions (W x H x D)	330 x 190 x 325 mm	340 x 250 x 340 mm
Protection class according to DIN EN 60529	IP 21	IP 20

The IKA Oven 125 are universal drying ovens for tempering, drying, aging and heating tasks in the laboratory. Rapid heating and exact temperature regulation guarantee reproducible results in industrial laboratories, schools and universities, research, quality control or science.

OVEN 125 CONTROL - DRY

/// The largest drying chamber in its class

IKA Oven 125 control - dry is a forced convection heating and drying chamber and heats up to 300 °C. The additional temperature selection limited TWB (DIN 12880) meets the highest security requirements. Furthermore, the temperature curve can be monitored during testing independently of the safety temperature. This means that the test material is always protected.

A WELL THOUGHT OUT INTERIOR

The generously dimensioned interior of the Oven 125 control - dry is comfortably illuminated. A practical cable bushing at the rear of the device is provided as standard for measurements in the oven or in the test material. The fan switches off automatically if the door is opened. Up to 6 insertable shelves can be accommodated in the interior made of stainless steel.

INTERFACES

The Oven 125 control - dry offers an interface for an additional sensor for direct temperature regulation in the test material. Test parameters can be stored directly on a USB stick.



TWO DISPLAYS

All important process parameters are displayed clearly on two large TFT displays. The temperature profiles and individual user profiles can be entered via the intuitive user interface. The real-time clock enables convenient digital documentation and a time-delayed start.

Oven 125 basic - dry

£ 2,002.00

Ident. No. 0020019277

Oven 125 basic - dry glass

£ 2,333.00

Ident. No. 0020019285



Oven 125 control - dry

£ 3,004.00

Ident. No. 0020019288

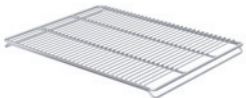
Oven 125 control - dry glass

£ 3,304.00

Ident. No. 0020019290



Product	Ident. No.	Price
ACCESSORIES		
IO T 1.10 enhanced wire grid tray	0020007600	£ 208.00
IO F 1.10 roller frame	0020007601	£ 734.00
IO B 1.10 roller box	0020007602	£ 839.00
IO P 1.10 table top work plate	0020007603	£ 734.00
IO F 1.20 spacer frame	0035001326	£ 418.00
PT 100.31 temp. sensor	0020009564	£ 276.00



IO T 1.10



IO B 1.10



IO F 1.20

TECHNICAL DATA	OVEN 125 BASIC (DRY   DRY GLASS)	OVEN 125 CONTROL (DRY   DRY GLASS)
Principle of heat transfer	Natural convection	Forced convection (fan adjustable in 10 steps)
Total volume inner chamber	125 l	125 l
Working temperature	RT +5 °C – 250 °C	RT +5 °C – 300 °C
Heat output	2400 W	2400 W
Temperature constancy in medium	± 0.3 K	± 0.3 K
Temperature Safety Class (DIN 12880)	TB (Class 1)	TB (Class 1); TWB (Class 2)
Cable access port	No	Yes
Interior lighting	No	Yes
PT 100 interface	No	Yes
Protection class according to DIN EN 60529	IP 20	IP 20
Dimensions (W x H x D)	700 x 825 x 650 mm	700 x 825 x 650 mm



IKA rotary evaporators set new standards for safety, efficiency and ease of use. These products offer excellent distilling solutions. All IKA RV 10 evaporators are equipped with an automated lift including a safety stop function. More safety features are: interval operation, smooth start, end position recognition, automated lift-out in case of power outage as well as a timer function.



RV 10 auto pros' features include an innovative handling concept with a bright, high-contrast TFT color display, an integrated vacuum controller, cooling water monitoring and mature safety standards.

**EFFICIENT AND COST-EFFECTIVE OPERATIONS**  
These include automatic control of the vacuum and cooling water volume.

**INNOVATIVE FEATURES**  
Smooth start, interval mode, right-left operation in interval mode, and the timer function for time-lapse tests make everyday work in the laboratory much easier.

**SAFETY FEATURES**  
Safety is ensured by the motorized lift with safety stop function. Additional safety for users is provided by e.g. individually adjustable temperature safety circuits, protection against boiling dry and adjustable end-point recognition to prevent glass breakage.

- ① **RV 3 V**  
£ 2,095.00  
Ident. No. 0010003326
- ② **RV 3 V-C**  
£ 2,294.00  
Ident. No. 0010003329
- ③ **RV 3 FLEX**  
£ 1,995.00  
Ident. No. 0010003332



- ① **RV 8 V**  
£ 2,705.00  
Ident. No. 0010003483
- ② **RV 8 V-C**  
£ 2,857.00  
Ident. No. 0010003486
- ③ **RV 8 FLEX**  
£ 2,560.00  
Ident. No. 0010003489



TECHNICAL DATA	RV 3	RV 8
Motor type	Brushless DC drive motor	Brushless DC drive motor
Speed range	20 – 300 rpm	5 – 300 rpm
Speed display	Scale	Digital
Heating temperature range	RT – 90 °C	RT – 180 °C
Type of cooling	Vertical	Vertical
Cooling surface	1500 cm²	1500 cm²
Soft start	Yes	Yes
Head angle adjustable	0 to 45 °	0 to 45 °
Stroke displacement	150 mm, manual	120 mm, manual
Vacuum controller	Optional	Optional
Dimensions (W × H × D) without glass parts	440 × 530 × 330 mm	510 × 490 × 345 mm
Protection class acc. to DIN EN 60529	IP 20	IP 20

- ① **RV 10 digital V**  
£ 4,080.00  
Ident. No. 0010004800
- ② **RV 10 digital V-C**  
£ 4,422.00  
Ident. No. 0010004803
- ③ **RV 10 digital FLEX**  
£ 3,058.00  
Ident. No. 0010004806



TECHNICAL DATA	RV 10 DIGITAL
Motor type	Brushless DC drive motor
Speed range	20 – 280 rpm
Speed display	Digital
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Type of cooling	Vertical
Cooling surface	1500 cm²
Filling volume max.	4 l
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Optional
Dimensions (W × H × D) without glass parts	500 × 430 × 410 mm
Protection class acc. to DIN EN 60529	IP 20

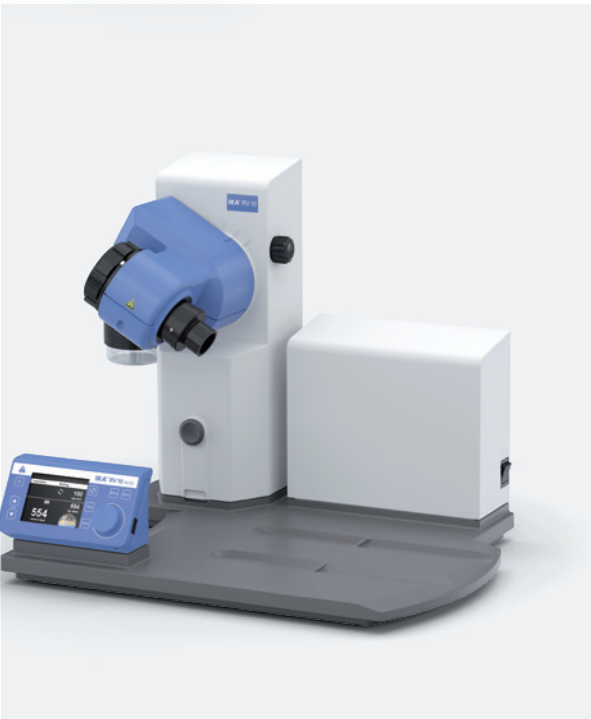


- ① **RV 10 auto V**  
£ 6,768.00  
Ident. No. 0010004836
- ② **RV 10 auto V-C**  
£ 6,868.00  
Ident. No. 0010004839
- ③ **RV 10 auto FLEX**  
£ 5,706.00  
Ident. No. 0010004842
- ④ **RV 10 auto pro V**  
£ 8,590.00  
Ident. No. 0010004816\*
- ⑤ **RV 10 auto pro V-C**  
£ 8,690.00  
Ident. No. 0010004813\*
- ⑥ **RV 10 auto pro FLEX**  
£ 8,241.00  
Ident. No. 0010004819\*

\*Pro packages include VACSTAR digital



TECHNICAL DATA	RV 10 AUTO
Motor type	Brushless DC drive motor
Speed range	5 – 300 rpm
Speed display	Digital
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Integrated
Dimensions (W × H × D) without glass parts	500 × 430 × 410 mm
Protection class acc. to DIN EN 60529	IP 20





RV 10.1

RV 10.2



RV 10.3

RV 10.4



RV 10.400

RV 10.500



RV 10.600

RV 10.606



RV 10.84

RV 10.301

Product	Description	Ident. No.	Price
ACCESSORIES RV 10, RV 8, RV 3			
RV 10.1	Set of glassware, vertical	0003655300	£ 796.00
RV 10.10	Set of glassware, vertical, coated	0003755400	£ 1,119.00
RV 10.1 enlarged surface	Vertical-condenser, enlarged surface	0020019652	£ 1,187.00
RV 10.10 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	£ 982.00
RV 10.2	Set of glassware, diagonal	0003755300	£ 822.00
RV 10.20	Set of glassware, diagonal, coated	0003755500	£ 1,139.00
RV 10.3	Vertical-intensive condenser, manifold	0003741000	£ 957.00
RV 10.30	Vertical-intensive condenser manifold, coated	0003741100	£ 1,311.00
RV 10.4	Dry ice condensor	0003742000	£ 1,391.00
RV 10.40	Dry ice condensor, coated	0003742100	£ 1,541.00
RV 10.5	Vertical-condenser, reflux	0003743000	£ 1,540.00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	£ 1,689.00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	£ 1,692.00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	£ 1,843.00
RV 05.10	Balljoint clamp	0000736600	£ 17.00
RV 10.88	Clamp, NS 29	0003683300	£ 17.00
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	£ 628.00
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	£ 717.00
RV 10.500	Foam brake, NS 29/32	0003739200	£ 133.00
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	£ 538.00
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	£ 900.00
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	£ 1,262.00
RV 10.610	Distilling sleeve, 20 ml	0003919400	£ 15.00
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	£ 656.00
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	£ 718.00
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	£ 15.00
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	£ 18.00
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	£ 30.00
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	£ 62.00
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	£ 30.00
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	£ 62.00
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	£ 58.00
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	£ 117.00
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	£ 61.00
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	£ 123.00
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	£ 62.00
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	£ 127.00
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	£ 99.00
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	£ 198.00
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	£ 152.00
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	£ 305.00



RV 10.103



RV 10.74



RV 10.8001

RV 10.3000

Product	Description	Ident. No.	Price
ACCESSORIES RV 10, RV 8, RV 3			
RV 10.100	Receiving flask, KS 35/20, 100 ml	0003742200	£ 54.00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	£ 55.00
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	£ 59.00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	£ 62.00
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	£ 102.00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	£ 192.00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	£ 107.00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	£ 111.00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	£ 137.00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	£ 164.00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	£ 183.00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	£ 244.00
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	£ 144.00
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	£ 154.00
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	£ 191.00
RV 10.70	Vapor tube, NS 29/32	0003812200	£ 97.00
RV 10.74	Vapor tube, short, NS 29/32	0003971700	£ 84.00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	£ 104.00
RV 10.3000	Extension plate	0003859000	£ 133.00

ACCESSORIES RV 3

RV 3.1	Support pole	0025004587	£ 97.00
RV 3.4	Woulff bottle	0025004588	£ 135.00
RV 10.5005	Hose kit	0020000552	£ 97.00

ACCESSORIES RV 8

RV 8.1	Support pole	0004438500	£ 97.00
RV 8.2	Mechanical end stop for RV 8	0025001342	£ 50.00
RV 8.3	Stand pole	0025004707	£ 108.00
RV 10.5005	Hose kit	0020000552	£ 97.00

ACCESSORIES VALVE RV 10 AUTO

RV 10.4002	Magnetic valve laboratory vacuum	0003880300	£ 633.00
RV 10.5001	Choke water valve	0003902700	£ 504.00
RV 10.5002	Filter	0003903800	£ 62.00
RV 10.5003	Pressure regulating valve	0003907100	£ 199.00



RV 3.1

RV 3.4



RV 10.4002



RV 10.5003



The IKA centrifuges are ideal for applications which do not require ultra high speeds, e.g. micro-filtrations and cell separations. The centrifuges mini G and G-L feature a compact design and a small footprint. As a safety feature, the IKA centrifuges will only operate when the lid is closed.

The clearest display in its class

### IKA G-L

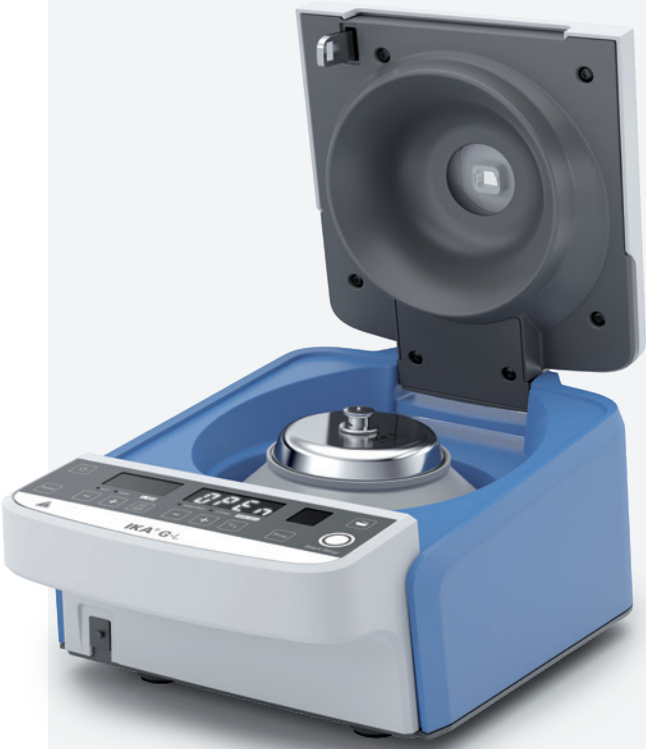
/// The universal midi centrifuge

Separating substances at medium rotational speeds: IKA G-L is the ideal midi centrifuge for all types of separation processes such as those found in molecular biology. It can be used with standard 1.5 / 2 ml vessels, as well as with PCR strips. The cover opens automatically at the press of a button.

**SAFE USE**  
The centrifuge is fitted with a metal cover and does not start until it is firmly closed.

**STATE-OF-THE-ART DISPLAY**  
The completely intuitive navigation is carried out through a membrane keypad. This allows an easy setting of speed, rotational speed or programmes.

**POWERFUL MOTOR**  
With a rotational speed of up to 15 700 rpm, the centrifuge is fitted with a high-performance motor.



**IKA mini G**  
£ 320.00  
Ident. No. 0003958000\*



\*Adapters included in delivery

**IKA G-L**  
£ 995.00  
Ident. No. 0030000776



Product	Ident. No.	Price
ACCESSORIES IKA G-L		
IKA G-L, PCR Set	0030001345	£ 204.00
IKA G-L, Adapter PCR tube	0030001346	£ 9.00
IKA G-L, Adapter 0.5 ml tube	0030001347	£ 9.00
IKA G-L, Adapter 0.4 ml tube	0030001334	£ 9.00



IKA G-L, PCR Set

TECHNICAL DATA	IKA MINI G	IKA G-L
Capacity	8 × 2.0 ml	12 × 1.5 / 2.0 ml
Centrifugal acceleration	2000 G	16 500 G
Speed range	6000 rpm	800 – 15 700 rpm
Motor rating input	12 W	65 W
Speed deviation	5 %	5 %
Quick stop	Yes	Yes
Cover opening	Automatic	Automatic
Protective cover	Yes	Yes
Dimensions (W × H × D)	155 × 105 × 175 mm	200 × 140 × 280 mm
Weight	1.4 kg	3.9 kg

An ergonomic feel combined with uncompromising precise performance: the IKA single fix and vario pipettes can be used for many applications in the modern laboratory. Colour coding simplifies the rapid selection of a suitable pipette. Resistance to impact, UV and chemicals ensures that the tip cone provides long-term reliable dosing. The IKA PETTE fix and vario are fully autoclavable, therefore ensuring easy sterilization. This guarantees fault-free, precise and safe operation.

# IKA PETTE fix

/// Simple liquid handling for fixed volumes

**ERGONOMIC DESIGN**  
IKA pipettes are delivered including exchangeable grips in different shapes and materials. The minimal frictional and spring forces also ensure dosing with ergonomic handling; without any effort.

**DURABLE CONSTRUCTION**  
The tip cone and piston are coated with a high quality diamond-like carbon (DLC).

**SIMPLE MAINTENANCE AND ADJUSTMENT**  
The volume unit with piston and seal can be disassembled and cleaned in just a few simple steps. If adjustment is necessary, it can be done without any additional tool.



- ① **IKA PETTE fix 5 µl**  
£ 137.00  
Ident. No. 0020011219

② **IKA PETTE fix 10 µl**  
£ 137.00  
Ident. No. 0020011220

③ **IKA PETTE fix 20 µl**  
£ 137.00  
Ident. No. 0020011221

④ **IKA PETTE fix 25 µl**  
£ 137.00  
Ident. No. 0020011222

⑤ **IKA PETTE fix 50 µl**  
£ 137.00  
Ident. No. 0020011223
- ⑥ **IKA PETTE fix 100 µl**  
£ 137.00  
Ident. No. 0020011224

⑦ **IKA PETTE fix 200 µl**  
£ 137.00  
Ident. No. 0020011225

⑧ **IKA PETTE fix 250 µl**  
£ 137.00  
Ident. No. 0020011226

⑨ **IKA PETTE fix 500 µl**  
£ 137.00  
Ident. No. 0020011227

⑩ **IKA PETTE fix 1000 µl**  
£ 137.00  
Ident. No. 0020011228



	IKA PETTE FIX	MAX. VOLUME TIP
①	5 µl	10 µl
②	10 µl	10 µl
③	20 µl	200 µl
④	25 µl	200 µl
⑤	50 µl	200 µl

	IKA PETTE FIX	MAX. VOLUME TIP
⑥	100 µl	200 µl
⑦	200 µl	200 µl
⑧	250 µl	1000 µl
⑨	500 µl	1000 µl
⑩	1000 µl	1000 µl

① IKA PETTE vario 0.1 – 2 µl

£ 208.00  
Ident. No. 0020011210

② IKA PETTE vario 0.5 – 10 µl

£ 208.00  
Ident. No. 0020011211

③ IKA PETTE vario 2 – 20 µl

£ 208.00  
Ident. No. 0020011213

④ IKA PETTE vario 10 – 100 µl

£ 208.00  
Ident. No. 0020011214

⑤ IKA PETTE vario 20 – 200 µl

£ 208.00  
Ident. No. 0020011215

⑥ IKA PETTE vario 100 – 1000 µl

£ 208.00  
Ident. No. 0020011216

⑦ IKA PETTE vario 0.5 – 5 ml

£ 208.00  
Ident. No. 0020011217

⑧ IKA PETTE vario 1 – 10 ml

£ 208.00  
Ident. No. 0020011218



IKA PETTE VARIO

MAX. VOLUME TIP

①	0.1 – 2 µl	10 µl
②	0.5 – 10 µl	10 µl
③	2 – 20 µl	200 µl
④	10 – 100 µl	200 µl

IKA PETTE VARIO

MAX. VOLUME TIP

⑤	20 – 200 µl	200 µl
⑥	100 – 1000 µl	1000 µl
⑦	0.5 – 5 ml	5 ml
⑧	1 – 10 ml	10 ml



IKA LINEA



Pipette tips

Product	Description	Ident. No.	Price
ACCESSORIES			
LINEA	Pipette rack	0020018987	£ 65.00
Tip xs bag	Pipette tip, 10 µl, transparent, 10 000 pcs.	0020017816	£ 467.00
Tip xs tray	Pipette tip, 10 µl, transparent, 2304 pcs.	0020017818	£ 148.00
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	£ 286.00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	£ 286.00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	£ 125.00
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	£ 286.00
Tip m bag	Pipette tip, 1000 µl, transparent, 5000 pcs.	0020017826	£ 152.00
Tip m box	Pipette tip, 1000 µl, transparent, 1000 pcs.	0020017827	£ 57.00
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1000 pcs.	0020017828	£ 143.00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	£ 286.00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	£ 181.00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	£ 310.00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	£ 181.00
Pipette tip box xs/s	Stacking box, 6 pcs.	0020017834	£ 85.00
Refill tray xs	Refill tray, 25 pcs.	0020017836	£ 119.00
Refill tray s	Refill tray, 25 pcs.	0020017837	£ 119.00
Pipette tip box l	Stacking box, 10 pcs.	0020017892	£ 143.00



SOFTWARE  
Pipette Calibration Software

Ident. No. 0020022141

IKA provides a user-friendly calibration software for planning, performing and recording all calibration tests.



IKA lab reactors are the most unique systems when it comes to optimizing and reproducing chemical reactions, mixing, dispersing and homogenization processes on a lab scale. The lab reactors can be individually customized to perform numerous tasks, including production of cremes and lotions, grinding and disintegrating of solids and fibers in liquids or polymers, etc. Single-walled or double-walled vessels made from borosilicate glass or stainless steel are available, each with or without bottom discharge valve.

LR 1000 CONTROL SYSTEM

/// Reactor with weighing function and cooling water control

The LR 1000 control is a cost efficient, modular laboratory reactor designed to optimize chemical reaction processes as well as for mixing, dispersing and homogenization tasks on a lab scale particularly in the cosmetic and pharmaceutical industry. The system can be adapted quickly and easily to a wide range of applications and specific requirements.

Prominent features are its intuitive menu navigation, integrated pH and temperature sensor connection as well as several interfaces that allow display and storage of process-relevant data on a PC. By using the laboratory software labworldsoft® (accessory) it is possible to even control the reactor via PC and make further settings. In addition, a control valve connection to attach a magnetic valve (accessory) for program-based cooling water control is integrated.



LR 1000 basic Package

£ 5,889.00  
Ident. No. 0008040102



With just one base unit multiple vessels can be used!



LR 1000 control System

£ 10,480.00  
Ident. No. 0025001991



TECHNICAL DATA	LR 1000 BASIC	LR 1000 CONTROL SYSTEM*
Usable volume (with disperser tool)	500 – 1000 ml	500 – 1000 ml
Attainable vacuum	25 mbar	25 mbar
Max. viscosity	100 000 mPas	100 000 mPas
Speed range	10 – 150 rpm	10 – 150 rpm
Display	LED	TFT
Working temperature max.	120 °C	120 °C
Heat control accuracy	± 1 K	± 1 K
Heat output	1000 W	1000 W
Dimensions (W x H x D)	443 x 360 x 295 mm	443 x 360 x 295 mm

\* PT 100.30 included in the delivery

LR-2.ST  
The High-Performer

£ 11,652.00  
Ident. No. 0020013405

LR-2.ST stand system  
+ LR-2.SI safety disconnection  
+ EUROSTAR 200 control P4  
overhead stirrer



LR-2.ST  
The Allrounder

£ 10,603.00  
Ident. No. 0020013403

LR-2.ST stand system  
+ LR-2.SI safety disconnection  
+ EUROSTAR 200 control  
overhead stirrer



LR-2.ST  
The Versatile

£ 10,157.00  
Ident. No. 0020013409

LR-2.ST stand system  
+ LR-2.SI safety disconnection  
+ EUROSTAR 100 control  
overhead stirrer



LR-2.ST  
The Compact Power

£ 9,619.00  
Ident. No. 0020013407

LR-2.ST stand system  
+ LR-2.SI safety disconnection  
+ EUROSTAR 60 control  
overhead stirrer



TECHNICAL DATA	LR-2.ST
Min. volume (anchor stirrer)	500 ml
Min. volume (T 25 digital)	800 ml
Max. volume	2000 ml
Max. working temperature	230 °C
Attainable vacuum	25 mbar
Max. viscosity (EUROSTAR 200 control P4)	150 000 mPas
Speed range (EUROSTAR 200 control P4)	0 / 4 – 530 rpm
Max. torque at stirring shaft (EUROSTAR 200 control P4)	660 Ncm
Materials in contact with medium	Stainless steel (AISI 316L) FFPM Borosilicate glass 3.3
Height of telescopic stand	620 – 1010 mm
Dimensions (W × H × D)	460 × 1240 × 430 mm

LR-2.ST STARVISC 200  
/// Stirs and displays viscosity

The reactor system is particularly helpful during product development, because the torque-measurement stirrer STARVISC 200-2.5 control already clearly indicates while running research programs as to whether the stirred substance can be used as desired. The system is particularly characterized by the agitator mounting, which allows for a safe transfer of the higher motor torque. In combination with STARVISC it is possible to intensively stir even highly viscous substances and at the same time display their viscosity.

In addition, ULTRA-TURRAX® dispersers, temperature sensors, flow breakers and other accessories can be attached to the open ports of the reactor cover.

TECHNICAL DATA	LR-2.ST STARVISC 200
Min. volume (anchor stirrer)	500 ml
Max. volume	2000 ml
Max. working temperature	230 °C
Attainable vacuum	25 mbar
Max. viscosity	100 000 mPas
Speed min.	6 rpm
Max. torque at stirring shaft	200 Ncm
Materials in contact with medium	Stainless steel (AISI 316L) FFPM Borosilicate glass 3.3
Telescope stand stroke	620 – 1010 mm
Dimensions (W × H × D)	460 × 1240 × 430 mm





WiCo LR 1000      LR 1000.1



LR 1000.10      LR 1000.20



LR 1000.41      LR 1000.64

Product	Description	Ident. No.	Price
ACCESSORIES LR 1000			
WiCo LR 1000	Wireless controller	0020007267	£ 515.00
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors	0003602000	£ 3,020.00
LR 1000.3	Reactor vessel, 1000 ml, FKM sealings, 6 connectors	0025001955	£ 3,759.00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	£ 378.00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	£ 222.00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	£ 295.00
LR 1000.41	Shaft receptacle	0004664300	£ 415.00
LR 1000.61	pH electrode	0004664400	£ 380.00
LR 1000.62	Sensor receptacle GL 14	0020010508	£ 325.00
LR 1000.64	pH electrode	0004663300	£ 758.00
LR 1000.65	pH electrode receptacle	0004663400	£ 641.00
LR 1000.70	Lid holder	0025003123	£ 212.00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	£ 397.00
Holder MV 1	Holder for cooling water control valve	0020019816	£ 174.00

ACCESSORIES LR-2.ST			
LR-2.SI	Safety stop	0003318302	£ 842.00
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	£ 1,267.00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	£ 590.00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	£ 579.00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	£ 728.00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	£ 3,279.00
LR 2000.2	Glass reactor vessel, double-walled, bot.drain 2000 ml	0002509600	£ 4,118.00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	£ 4,721.00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	£ 7,837.00



LR 2000.10



LR 2000.11



LR 2.1      LR 2000.1      LR 2000.2      LR 2000.3      LR 2000.4



HBR 4 control LR



T 25 digital LR

Product	Description	Ident. No.	Price
ACCESSORIES LR-2.ST			
LR 2000.40	Shaft receptacle	0002509200	£ 514.00
LR 2000.60	Sensor receptacle	0002509300	£ 464.00
LR 2000.64	pH process electrode	0020010075	£1,076.00
LR 2000.65	pH measuring sensor receptacle	0003172600	£ 760.00
LR-2.SP	Splinter shield	0003326400	£ 388.00
LT 5.23	Hose adapter set	0002235000	£ 119.00
LT 5.24	Hose adapter	0002578100	£ 339.00
LT 5.25	Lock coupling set	0020000878	£ 466.00
LT 5.26	Lock adapter set	0020000879	£ 319.00
LT 5.27	Hose adapter set	0020000880	£ 466.00
H 68.55	Temp. sensor, stn. steel, d: 8 mm	0025001479	£ 252.00
HBR 4 control LR	Heating bath, 4 l	0010001853	£ 3,402.00
PT 1000.61	Temperature sensor, Ø 6 mm	0020009881	£ 235.00

ACCESSORIES LABORATORY REACTORS			
T 25 digital LR	Disperser	0020010537	£ 2,010.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	£ 1,936.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	£ 2,046.00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	£ 1,766.00



magic PLANT basic

Price on request  
Ident. No. 0020001186

The ideal small laboratory plant for perfect mixing and homogenizing of liquid to pasty products.



magic PLANT inline

Price on request  
Ident. No. U107703

Effective dispersing and homogenizing. In connection with the IKA magic LAB, the magic PLANT is specially adapted to the requirements of batch plants.



magic PLANT powder

Price on request  
Ident. No. U107159

Efficient but gentle mixing and drying of all free flowing solids, including products with different bulk densities and particle sizes.



The IKA magic PLANT is an ideal laboratory scale process plant. This system is used for batch-wise mixing, homogenizing, emulsifying, in addition to forming sample suspensions for capacities of up to 2 liters. Whether it is involved with the manufacturing of liquids, pastes or powders – the magic PLANT delivers, enabling a seamless transition from product development to production.

TECHNICAL DATA	MAGIC PLANT BASIC	MAGIC PLANT INLINE	MAGIC PLANT POWDER
Max. admissible temperature	150 °C	80 / 120 °C	150 °C
Working pressure range	-1 to 2.5 bar	-0.5 to 2.5 bar	-1 to 2.5 bar
Useful volume	2 l	2 l	2 l
Stirring tool	Anchor and propeller	Anchor	Spiral
Speed range	0 – 2000 rpm	0 – 2000 rpm	0 – 350 rpm

Algaemaster 10 control

Price on request  
Ident. No. 0020009577

ALGAEMASTER 10 CONTROL  
/// Growing algae made easy

Algae are becoming increasingly interesting for different industries. The IKA Algaemaster 10 control is a fully autonomous photo bioreactor that provides researchers with the equipment necessary for producing mass densities of sensitive microalgae.



Min. usable volume: 6 l  
Max. usable volume: 10 l

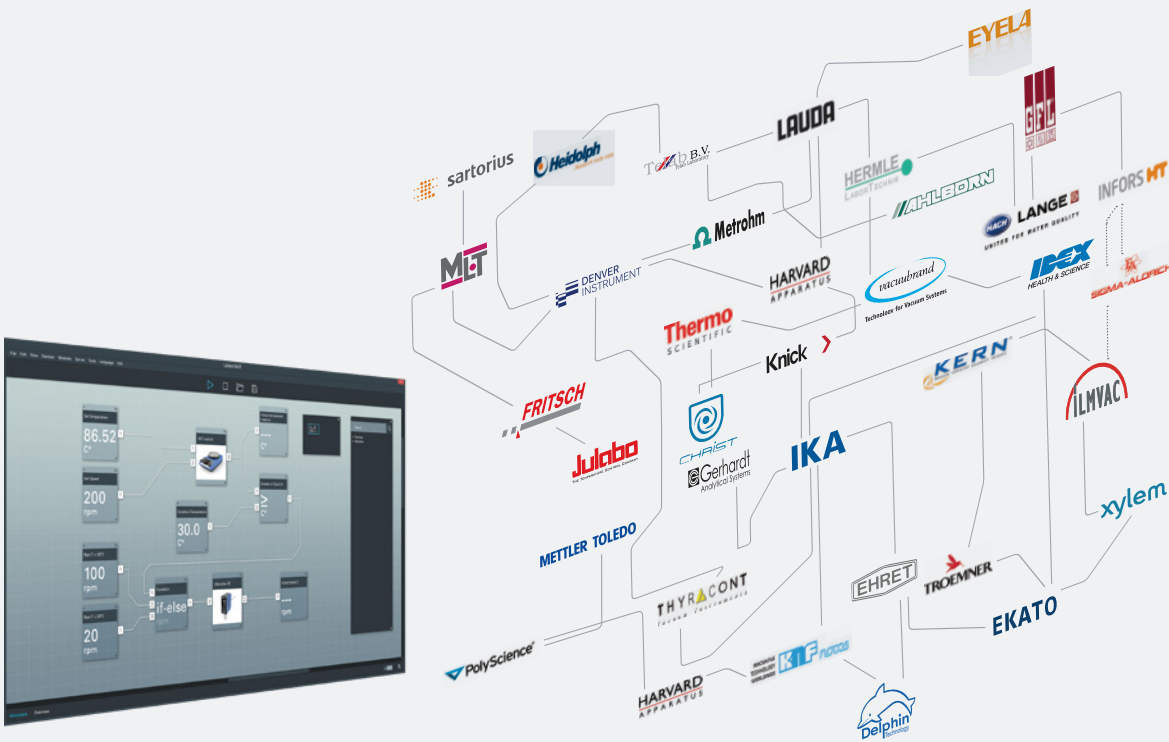
TECHNICAL DATA	ALGAEMASTER 10 CONTROL
Useable volume	6000 – 10 000 ml
Viscosity max.	100 mPas
Speed range	10 – 100 rpm
Temperature measurement resolution	0.1 K
pH measuring range	0 – 13 pH
Accuracy of pH measurement	0.1 pH
pH measurement resolution	0.01 pH
Cooling medium temperature	4 – 60 °C
Speed deviation	5 ±rpm
Speed display	TFT
Dimensions (W x H x D)	800 x 1000 x 600 mm
Weight	38 kg

- > Ocean water resistant and completely autoclavable lid and vessel
- > Metal-free components for sensitive bioactive materials
- > Material touching the product: borosilicate glass, PTFE, Ultem®
- > Computerized control of lighting, temperature, stirring, pH and dosing of liquid or gas
- > Customizable lid with nine receptacles
- > Effortless data collection via USB drive
- > Attractive cost / performance ratio

Advanced software with an innovative visual approach to lab automation. labworldsoft® is a multi-purpose software program for measuring, controlling and regulating laboratory devices. It can network up to 64 devices simultaneously via one PC, thus making the automation of your laboratory experiments and processes much more easy and efficient. It does not only integrate IKA laboratory devices but also supports devices from other manufacturers.

LABWORLDISOFT® 6

/// One software, unlimited possibilities



Manufacturers with interface devices compatible to labworldsoft®

**labworldsoft® 6 Starter**  
£ 4,185.00  
Ident. No. 0020019397

**labworldsoft® 6 Starter Update**  
£ 837.00  
Ident. No. 0020019398

**labworldsoft® 6 Pro**  
£ 9,551.00  
Ident. No. 0020017366

**labworldsoft® 6 Starter Upgrade**  
£ 5,366.00  
Ident. No. 0020019399

**labworldsoft® 6 Pro Update**  
£ 1,910.00  
Ident. No. 0020018014

CalWin represents the newest generation of professional software for IKA calorimeters. It offers numerous functions for device control and monitoring as well as for evaluating results.

**C 6040 Calwin**  
£ 2,252.00  
Ident. No. 0004040500



Expert Key 100 eco



Expert Key 100 pro



PC 4.1

Product	Description	Ident. No.	Price
Expert Key 100 eco	Data collection system for laboratories	0020005486	£ 5,178.00
Expert Key 100 pro	Data collection system for industries	0020005485	£ 5,588.00
Multi Power Switch	Switchable multiple connection plug board	0020003454	£ 76.00
MV 1 power plug	Cooling water valve with power plug	0010001655	£ 462.00
RV 10 A 1	Adapter valve for Expert Key	0020004314	£ 104.00
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	£ 69.00
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	£ 71.00
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	£ 27.00
PC 1.1	Cable, L 3 m	0002616700	£ 33.00
PC 1.5	Cable, L 2.5 m	0002756000	£ 36.00
PC 2.1	Cable, L 5 m	0002700700	£ 14.00
DTM 12.10	Data cable, L 2.5, 9 pins (F)	0003127800	£ 307.00
PC 1.2	Adapter, 25 pins	0002616800	£ 54.00
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	£ 70.00
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	£ 54.00
PCI 8.2	Plug-in card, 25 pins	0008017500	£ 1,159.00
PC 4.1	RS 232 Server	0003192000	£ 1,627.00

IKA oxygen bomb calorimeters are the market leaders when it comes to determining the calorific values of liquid and solid samples. The selection of IKA oxygen bomb calorimeters are optimally geared towards various different demands. Functionality, safety and longevity were the main goals in the development of IKA's oxygen bomb calorimeters.

### C 6000

/// An evolution in calorimetry

The champion of modern calorimetry has been developed even further. The new C 6000 has an intuitive touch screen with unique user guidance. The high level of automation simplifies everyday work and enables high sample throughput. The strictest adherence to standards gives rise to the most accurate repeatable results in the world and guarantees the desired assurance.



- C 1 Package 1/10**

Price on request

Ident. No. 0010002412
- C 1 Package 1/12**

Price on request

Ident. No. 0010002415
- C 1 Package 2/10**

Price on request

Ident. No. 0010002413
- C 1 Package 2/12**

Price on request

Ident. No. 0010002416
- C 1 Package 3/10**

Price on request

Ident. No. 0010002414
- C 1 Package 3/12**

Price on request

Ident. No.0010002417



- C 200**

Price on request

Ident. No. 0008802500
- C 200 h**

Price on request

Ident. No. 0008803700
- C 200 auto**

Price on request

Ident. No. 0010002379
- C 200 h auto**

Price on request

Ident. No. 0010002387

TECHNICAL DATA	C 1	C 200   C 200 H
Maximum energy input	40 000 J / 9560 cal	40 000 J / 9560 cal
Resolution of the temperature sensor	0.0001 K	0.0001 K
Power ON-time	100 %	100 %
Oxygen operating pressure max.	40 bar	40 bar
Measuring modes / Measurements per hour	Static jacket (Regnault Pfaundler) 4	Isoperibol 3, Dynamic 6 Manual 3, Time-controlled 4
Start temperature settings	2 possible settings: 22 °C or 30 °C	18 – 25 °C
Reproducibility (1g benzoic acid NBS39i)	Static jacket (Regnault Pfaundler) 0.15 % RSD	Isoperibol 0.1 % RSD Dynamic 0.1 % RSD Manual (Isoperibol) 0.1 % RSD Time-controlled 0.1 % RSD
Number of decomposition vessels per unit	up to 2	up to 4
Dimensions (W x H x D)	290 x 280 x 300 mm	400 x 400 x 400 mm



C 6000 isoperibol  
Package 1/10

Price on request  
Ident. No. 0010004524

C 6000 isoperibol  
Package 1/12

Price on request  
Ident. No. 0010004525

C 6000 isoperibol  
Package 2/10

Price on request  
Ident. No. 0010004526

C 6000 isoperibol  
Package 2/12

Price on request  
Ident. No. 0010004527

C 6000 global standards  
Package 1/10

Price on request  
Ident. No. 0010004520

C 6000 global standards  
Package 1/12

Price on request  
Ident. No. 0010004521

C 6000 global standards  
Package 2/10

Price on request  
Ident. No. 0010004522

C 6000 global standards  
Package 2/12

Price on request  
Ident. No. 0010004523



TECHNICAL DATA	C 6000
Maximum energy input	40 000 J / 9560 cal
Resolution of the temperature sensor	0.0001 K
Display	TFT with touch screen
Oxygen operating pressure max.	40 bar
Reproducibility (1g benzoic acid NBS39i)	Isoperibol 0.05% RSD Dynamic 0.15% RSD Adiabatic 0.05% RSD
Measuring modes	Isoperibol 22 / 25 / 30 °C Dynamic 22 / 25 / 30 °C Adiabatic 22 / 25 / 30 °C
Measurements per hour	Isoperibol 4 Dynamic 6 Adiabatic 5
Number of possible decomposition vessels per device	up to 4
Dimensions (W x H x D)	500 x 425 x 450 mm

AOD 1

Price on request  
Ident. No. 0008801300



C 7000 Set 1

Price on request  
Ident. No. 0008800900

C 7000 Set 2

Price on request  
Ident. No. 0008801400



TECHNICAL DATA	C 7000
Maximum energy input	30 000 J
Resolution of the temperature sensor	0.0001 K
Display	LED
Oxygen operating pressure max.	40 bar
Reproducibility (1g benzoic acid NBS39i)	0.2 % RSD
Measuring modes	Double dry (ISO 1928)
Working temperature max.	30 °C
Number of possible decomposition vessels per device	8
Dimensions (W x H x D)	310 x 395 x 490 mm

TECHNICAL DATA	AOD
Decomposition time	3 min
Chamber volume	210 ml
Pressure max.	195 bar
Core temperature max.	1200 °C
Oxygen operating pressure max.	40 bar
Permissible ambient temperature	min. 5 °C max. 40 °C
Weight	10 kg
Dimensions (W x H x D)	400 x 480 x 260 mm
Power input	45 W



Product	Description	Ident. No.	Price
ACCESSORIES AND CONSUMABLES C 1			
C 1/10	Food add on Package for C 1	0010001919	£ 4,365.00
C 1.20	Water heater	0004501000	£ 1,185.00
C 1.10	Combustion chamber	0004500300	£ 393.00
C 1.12	Combustion chamber, halogen resistant	0004500400	£ 2,461.00
C 1.50	Dot matrix printer	0020010669	£ 998.00
C 1.30	Venting station	0004500900	£ 1,764.00
C 1.1012	Organizer	0004500700	£ 155.00
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	£ 297.00
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	£ 609.00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	£ 37.00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	£ 127.00

ACCESSORIES AND CONSUMABLES C 6000			
C 6010	Decomposition vessel, standard	0003770000	£ 2,819.00
C 6012	Decomposition vessel, halogen resistant	0004504000	£ 5,322.00
C 6010.10	Combustion shield	0020007518	£ 98.00
C 1.50	Dot matrix printer	0020010669	£ 998.00
C 6030	Venting station	0004504100	£ 2,079.00
C 60.1012	Organizer	0004504200	£ 217.00
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	£ 855.00
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	£ 2,179.00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	£ 37.00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	£ 127.00



ACCESSORIES ALL CALORIMETERS			
C 27	Calorimeter preparation set	0004579700	£ 102.00
C 29	Pressure gauge, oxygen	0000750200	£ 1,015.00
C 21	Pelleting press	0001605300	£ 2,910.00
C 5010.8	Crucible holder, small	0004579800	£ 142.00
C 5010.5	Crucible holder, big	0003055900	£ 173.00



Product	Description	Ident. No.	Price
ACCESSORIES C 200			
C 200.RC	Set of hoses	0020010835	£ 511.00
C 248	Oxygen station	0003520000	£ 927.00
C 200.1	Measuring cup, 2000 ml	0003548900	£ 38.00
C 200.2	Conversion kit for C 5012	0004028800	£ 148.00

ACCESSORIES C 200, C 2000, C 5000			
C 5010	Decomposition vessel, standard	0007114000	£ 3,510.00
C 5012	Decomposition vessel, halogen resistant	0007215000	£ 7,130.00
C 5030	Venting station	0007198000	£ 2,505.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	£ 237.00
C 26	Prep stand	0008804000	£ 177.00

ACCESSORIES C 2000, C 5000, C 6000			
C 5020	Sample rack	0007145000	£ 5,511.00

ACCESSORIES C 1, C 2000, C 6000			
C 25	Pressure regulating valve	0003197200	£ 329.00

ACCESSORIES C 7000			
C 7000	Measurement cell	0003008000	£ 27,450.00
C 7010	Decomposition vessel, standard	0003015000	£ 4,065.00
C 7012	Decomposition vessel, halogen resistant	0003017000	£ 7,916.00
C 7002	Cooling system	0007011000	£ 10,500.00
C 48	Oxygen station	0001560000	£ 2,479.00
C 7030	Venting station	0003013300	£ 1,875.00
C 7010.8	Venting handle	0007095000	£ 422.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	£ 237.00
C 5010.5	Crucible holder, big	0003055900	£ 173.00





Product	Description	Ident. No.	Price
CONSUMABLES ALL CALORIMETERS			
C 6000.1	Water protect, 100 ml	0020014031	£ 70.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	£ 32.00
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	£ 32.00
C 4	Quartz dish	0001695500	£ 24.00
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	£ 124.00
C 6	Quartz dish, big	0000355100	£ 34.00
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	£ 190.00
C 9	Gelatine capsules, 100 pcs.	0000749900	£ 33.00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	£ 90.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	£ 34.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	£ 35.00
C 15	Parafilm strips	0003131100	£ 43.00
C 16	Parafilm, 1000 × 50 mm	0003801100	£ 50.00
C 17	Paraffin, liquid, 30 ml	0003801200	£ 83.00
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	£ 548.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	£ 119.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	£ 753.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	£ 270.00
AOD 1.12	Control standard oil for F, Br, 50 ml	0003080200	£ 335.00
CONSUMABLES C 200, C 2000, C 5000, C 7000			
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	£ 47.00
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	£ 133.00
C 14	Combustible crucibles, 100 pcs.	0007224500	£ 78.00



AOD 1.2



AOD 1.1



AOD 1.3



Product	Description	Ident. No.	Price
ACCESSORIES AOD 1			
AOD 1.1	Decomposition vessel	0003303000	£ 5,673.00
AOD 1.2	External ignition unit	0003348000	£ 1,332.00
AOD 1.3	Protection device	0003308000	£ 2,172.00
AOD 1.13	Remote ignition head	0003348100	£ 610.00
C 48	Oxygen station	0001560000	£ 2,479.00
C 7030	Venting station	0003013300	£ 1,875.00
C 21	Pelleting press	0001605300	£ 2,910.00
C 29	Pressure gauge, oxygen	0000750200	£ 1,015.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	£ 237.00
CONSUMABLES AOD 1			
C 4	Quartz dish	0001695500	£ 24.00
C 9	Gelatine capsules, 100 pcs.	0000749900	£ 33.00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	£ 90.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	£ 34.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	£ 35.00
C 14	Combustible crucibles, 100 pcs.	0007224500	£ 78.00
C 15	Parafilm strips	0003131100	£ 43.00
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	£ 133.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	£ 32.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	£ 270.00
AOD 1.12	Control standard oil for F, Br, 50 ml	0003080200	£ 335.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	£ 119.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	£ 753.00

C 6040 Calvin

£ 2,252.00

Ident. No. 0004040500\*

\* Connection cable C 5041.10 and USB / RS 232 adapter are included with the delivery





R 200

R 270



RH 5

LABLIFT m



R 104

R 1825



R 2722

R 2723



R 474

R 2850

Product	Description	Ident. No.	Price
FIXING ELEMENTS			
H 44	Boss head clamp	0002437700	£ 26.00
R 200	Clamp for T 10 basic and R 104	0003372000	£ 30.00
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	£ 76.00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	£ 103.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	£ 168.00
R 350	Universal clamp	0001752900	£ 96.00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	£ 255.00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	£ 319.00
LABLIFT m	Manual scissor lift	0004022400	£ 259.00

STANDS			
R 104	Stand for T 10 basic, H 370 mm	0003386000	£ 146.00
R 1825	Plate stand, H 560 mm	0003160000	£ 253.00
R 1826	Plate stand, H 800 mm	0003160100	£ 278.00
R 1827	Plate stand, H 1000 mm	0003160200	£ 303.00
R 2722	H-stand, 1010 mm	0001412000	£ 652.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	£ 1,209.00
T 653	Telescopic stand, H 1200 mm	0001608000	£ 1,572.00
R 474	Telescopic stand, H 1200 mm	0001643000	£ 1,572.00
R 472	Floor stand, H 2020 mm	0000738700	£ 3,428.00
R 2850	Floor stand, H 1900 mm	0020002900	£ 2,458.00
R 6547 H	Floor stand, hydraulic	0020018378	£ 7,177.00
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018383	£ 3,075.00



ALMEMO 2490



PT 100.23

Product	Description	Ident. No.	Price
ELECTRONIC ACCESSORIES			
ALMEMO 2490	Temperature measuring instrument	0004709300	£ 1,594.00
R 2850.SI	Safety stop	0020010623	£ 1,127.00
IKA [scale]	Stand with weighing function	0025004318	£ 700.00
R 6547 E 400V	Floor stand, electrohydraulics	0020018384	£ 12,305.00

ACCESSORIES ALMEMO			
ALMEMO USB Kabel	USB cable	0004709400	£ 324.00
PT 100.23	Temp. sensor, stn. steel	0003122100	£ 262.00
PT 100.24	Temp. sensor, stn. steel, coated	0003122200	£ 268.00
PT 100.25	Temp. sensor, stn. steel	0003122300	£ 215.00



Patented:  
The IKA [scale] is  
unique in the market!



## IKA [SCALE]

### /// The first stand scale of its kind

A stand with an integrated scale and data interface: only available from IKA. The IKA [scale] provides increased comfort and safety for your laboratory applications. For example, your stirrer can hang on the stable support rod. The quantities of samples to be added are weighed immediately and continuously documented during the stirring process.

**SAMPLE WEIGHT OF UP TO 6 KG**  
The intelligent stand scale has a weighing range of up to 6 kg with a resolution of 1 g. It is therefore particularly suitable for the direct and controlled addition of sample material while stirring.

**CLEAR DISPLAY**  
Working with the clear and modern LCD display is very user-friendly. All information, whether measurement values, calibration steps or status messages, is shown clearly.

**STABLE SET-UP PLATE**  
The solid die cast zinc housing provides stability and robustness.

**BLUETOOTH CONNECTION**  
The weight of the sample measured can directly be transfered to a suitable device (e.g. IKA MINI-/ MICROSTAR series) and shown on its display.



C-MAG HS 7 Package



T 18 digital Package

Product	Description	Ident. No.	Price
MAGNETIC STIRRER PACKAGES			
C-MAG HS 7 Package		0009015902	£ 750.00
C-MAG HS 7	Magnetic stirrer with heating, ceramic plate	0003581200	
ETS-D5	Electronic contact thermometer	0003378000	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
DISPERSER PACKAGES			
T 18 digital Package		0009022802	£ 1,947.00
T 18 digital	Disperser	0003720000	
S 18 N - 19 G	Dispersing tool	000L004640	



ICC basic eco 8



ICC control pro 9



ICC basic eco 18



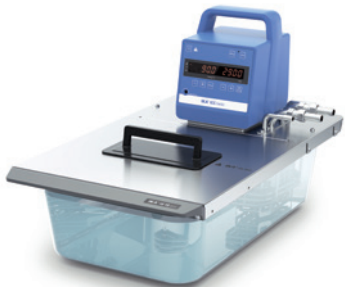
ICC control pro 20

Product	Description	Ident. No.	Price
HEATING BATH CIRCULATORS			
ICC basic eco 8 Package*		0008034900	£ 1,384.00
ICC basic	Compact immersion circulator	0004134400	
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 Package*		0008035300	£ 1,974.00
ICC control	Compact immersion circulator	0004136600	
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 Package*		0008035100	£ 1,524.00
ICC basic	Compact immersion circulator	0004134400	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC control pro 9 Package*		0008035500	£ 2,114.00
ICC control	Compact immersion circulator	0004136600	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic eco 18 Package*		0008035000	£ 1,524.00
ICC basic	Compact immersion circulator	0004134400	
IB eco 18	Bath vessel, plastic	0004248200	
ICC control eco 18 Package*		0008035400	£ 2,114.00
ICC control	Compact immersion circulator	0004136600	
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 12 Package*		0010000414	£ 1,588.00
ICC basic	Compact immersion circulator	0004134400	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 Package*		0010000415	£ 2,178.00
ICC control	Compact immersion circulator	0004136600	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC basic pro 20 Package*		0008035200	£ 1,695.00
ICC basic	Compact immersion circulator	0004134400	
IB pro 20	Bath vessel, stainless steel	0004248600	
ICC control pro 20 Package*		0008035600	£ 2,286.00
ICC control	Compact immersion circulator	0004136600	
IB pro 20	Bath vessel, stainless steel	0004248600	

\* Bath bridge included in delivery



ICC basic eco 8 c



ICC basic eco 8 c



ICC basic pro 12 c



ICC basic eco 8 c

Product	Description	Ident. No.	Price
COMBINED HEATING BATH CIRCULATORS			
ICC basic eco 8 c Package*			
ICC basic	Compact immersion circulator	0008035700	£ 1,384.00
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 c Package*			
ICC control	Compact immersion circulator	0008036100	£ 2,618.00
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 c Package*			
ICC basic	Compact immersion circulator	0008035900	£ 1,888.00
IB pro 9	Bath vessel, stainless steel	0004134400	
ICC control pro 9 c Package*			
ICC control	Compact immersion circulator	0008036300	£ 2,758.00
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic eco 18 c Package*			
ICC basic	Compact immersion circulator	0008035800	£ 1,931.00
IB eco 18	Bath vessel, plastic	0004134400	
ICC control eco 18 c Package*			
ICC control	Compact immersion circulator	0008036200	£ 2,801.00
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 12 c Package*			
ICC basic	Compact immersion circulator	0010000416	£ 1,996.00
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 c Package*			
ICC control	Compact immersion circulator	0010000417	£ 2,854.00
IB pro 12	Bath vessel, stainless steel	0004136600	
ICC basic pro 20 c Package*			
ICC basic	Compact immersion circulator	0008036000	£ 2,103.00
IB pro 20	Bath vessel, stainless steel	0004577500	
ICC control pro 20 c Package*			
ICC control	Compact immersion circulator	0008036400	£ 2,972.00
IB pro 20	Bath vessel, stainless steel	0004248600	

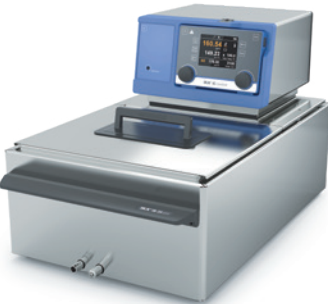
\* Bath bridge, cover, pump connection set and cooling coil are included in delivery



ICC control IB R RO 15 eco



ICC control pro 9



IC control pro 20 c

Product	Description	Ident. No.	Price
PACKAGES WITH MAGNETIC STIRRER			
ICC basic IB R RO 15 eco Package			
ICC basic	Compact immersion circulator	0010002471	£ 3,541.00
IB R RO 15 eco	Bath vessel, plastic	0004134400	
BL.ICC	Bath bridge	0020006341	
RO 15	Multiposition magnetic stirrer	0020003078	
ICC control IB R RO 15 eco Package			
ICC control	Compact immersion circulator	0003692500	
IB R RO 15 eco	Bath vessel, plastic	0010002474	£ 4,185.00
BL.ICC	Bath bridge	0004136600	
RO 15	Multiposition magnetic stirrer	0020006341	
IMMERSION CIRCULATOR IC PACKAGES			
IC basic pro 12 c Package*			
IC basic	Immersion circulator	0008039900	£ 3,498.00
IB pro 12	Bath vessel, stainless steel	0003861000	
CM.IC	Cover	0004577500	
IC control pro 12 c Package*			
IC control	Immersion circulator	0008040000	£ 4,142.00
IB pro 12	Bath vessel, stainless steel	0003863000	
CM.IC	Cover	0004577500	
IC basic pro 20 c Package*			
IC basic	Immersion circulator	0008036800	£ 3,649.00
IB pro 20	Bath vessel, stainless steel	0003861000	
CM.IC	Cover	0004248600	
IC control pro 20 c Package*			
IC control	Immersion circulator	0008037200	£ 4,293.00
IB pro 20	Bath vessel, stainless steel	0003863000	
CM.IC	Cover	0004248600	

\* Bath bridge and cooling coil are included in delivery





RV 3 V-C



RV 8 V-C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES			
RV 3 V Package		0010003326	£ 2,095.00
RV 3	Drive	0020015793	
HB eco	Heating bath	0025004726	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 3 V-C Package		0010003329	£ 2,294.00
RV 3	Drive	0020015793	
HB eco	Heating bath	0025004726	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 3 FLEX Package		0010003332	£ 1,995.00
RV 3	Drive	0020015793	
HB eco	Heating bath	0025004726	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	
RV 8 V Package		0010003483	£ 2,705.00
RV 8	Drive	0025002822	
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 8 V-C Package		0010003486	£ 2,857.00
RV 8	Drive	0025002822	
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 8 FLEX Package		0010003489	£ 2,560.00
RV 8	Drive	0025002822	
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	



RV 10 digital V-C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES			
RV 10 digital V Package		0010004800	£ 4,080.00
RV 10 digital	Drive	003550099	
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 digital V-C Package		0010004803	£ 4,422.00
RV 10 digital	Drive	003550099	
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 digital FLEX Package		0010004806	£ 3,058.00
RV 10 digital	Drive	003550099	
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES			
RV 10 auto V Package		0010004836	£ 6,768.00
RV 10 auto	Drive	0020003919	
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	
RV 10 auto V-C Package		0010004839	£ 6,868.00
RV 10 auto	Drive	0020003919	
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	
RV 10 auto FLEX Package		0010004842	£ 5,706.00
RV 10 auto	Drive	0020003919	
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	



RV 10 auto V-C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES			
RV 10 auto pro V Package		0010004816	£ 8,590.00
RV 10 auto	Drive	0020003919	
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 auto pro V-C Package		0010004813	£ 8,690.00
RV 10 auto	Drive	0020003919	
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 auto pro FLEX Package		0010004819	£ 8,241.00
RV 10 auto	Drive	0020003919	
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	



RV 10 auto pro V-C



C 1

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 1 Package 1/10 Package		0010002412	Price on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
RC 2 basic	Recirculating chiller	0004171000	
C 1 Package 2/10 Package		0010002413	Price on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1 Package 3/10 Package		0010002414	Price on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1.20	Water heater	0004501000	
C 1 Package 1/12 Package		0010002415	Price on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
RC 2 basic	Recirculating chiller	0004171000	
C 1 Package 2/12 Package		0010002416	Price on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1 Package 3/12 Package		0010002417	Price on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1.20	Water heater	0004501000	
C 200 auto Package		0010002379	Price on request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	0020010835	
C 5010	Decomposition vessel	0007114000	
C 248	Oxygen filling station	0003520000	
C 200 h auto Package		0010002387	Price on request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	0020010835	
C 5012	Decomposition vessel	0007215000	
C 200.2	Conversion kit	0004028800	
C 248	Oxygen filling station	0003520000	



C 200 auto



C 6000

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 6000 global standards Package 1/10		0010004520	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 global standards Package 1/12		0010004521	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 global standards Package 2/10		0010004522	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
C 6000 global standards Package 2/12		0010004523	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
C 6000 isoperibol Package 1/10		0010004524	Price on request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 isoperibol Package 1/12		0010004525	Price on request
C 6000 isoperibol	Measurement cell	0020005940	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 isoperibol Package 2/10		0010004526	Price on request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0020005940	
C 6000 isoperibol Package 2/12		0010004527	Price on request
C 6000 isoperibol	Measurement cell	0004025000	
C 6012	Decomposition vessel, halogen resistant	0004504000	



Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 7000 Set 1 Package			
C 7000	Measurement cell	0008800900	Price on request
C 7010	Decomposition vessel, standard	0003015000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	
C 7000 Set 2 Package			
C 7000	Measurement cell	0003008000	Price on request
C 7012	Decomposition vessel, halogen resistant	0003017000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	
VISCOMETER PACKAGES*			
ROTAVISC lo-vi Complete Package			
		0025000310	£ 2,479.00
ROTAVISC me-vi Complete Package			
		0025000311	£ 2,479.00
ROTAVISC hi-vi I Complete Package			
		0025000312	£ 2,479.00
ROTAVISC hi-vi II Complete Package			
		0025000313	£ 2,479.00
ROTAVISC lo-vi Advanced Package			
		0025000320	£ 3,099.00
labworldsoft® 6			
		0020019397	
ROTAVISC me-vi Advanced Package			
		0025000321	£ 3,099.00
labworldsoft® 6			
		0020019397	
ROTAVISC hi-vi I Advanced Package			
		0025000322	£ 3,099.00
labworldsoft® 6			
		0020019397	
ROTAVISC hi-vi II Advanced Package			
		0025000323	£ 3,099.00
labworldsoft® 6			
		0020019397	

\* ROTAVISC packages include:  
SP 1-4 (lo-vi) / SP 7-12 (me-vi, hi-vi I, hi-vi II), protective bracket,  
temperature sensor, quick connector, hook connector, ROTASTAND stand



C 7000



ROTAVISC me-vi Complete



ElectraSyn 2.0



Screening System

Product	Description	Ident. No.	Price
ELECTROCHEMISTRY PACKAGES			
ElectraSyn 2.0 Package			
ElectraSyn 2.0	Base unit	0020008980	£ 2,361.00
Vial holder		0020014424	
Vial	10 ml	0020014424	
Stir plate		0040001991	
Electrode Graphite	2 pcs.	0040002574	
ElectraSyn 2.0 pro Package			
ElectraSyn 2.0	Base unit	0040003261	£ 2,777.00
Vial holder		0020014424	
Vial	10 ml	0020014424	
Stir plate		0040001991	
Electrode Graphite	2 pcs.	0040002574	
CV glassy carbon	Electrodes	0040002066	
CV Platinum	Electrodes	0040002569	
Ag / AgCl	Reference electrode	0040003172	
Screening System Package (6 cells)			
Reaction block		0040003859	£ 11,966.00
Electrolysis cells		0020015936	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0040001849	
Electrode graphite	16 pcs.	0025004601	
		0040001850	
Screening System Package (8 cells)			
Reaction block		0040003865	£ 11,012.00
Electrolysis cells		0020015943	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0040001849	
Electrode graphite	16 pcs.	0025004601	
		0040001850	

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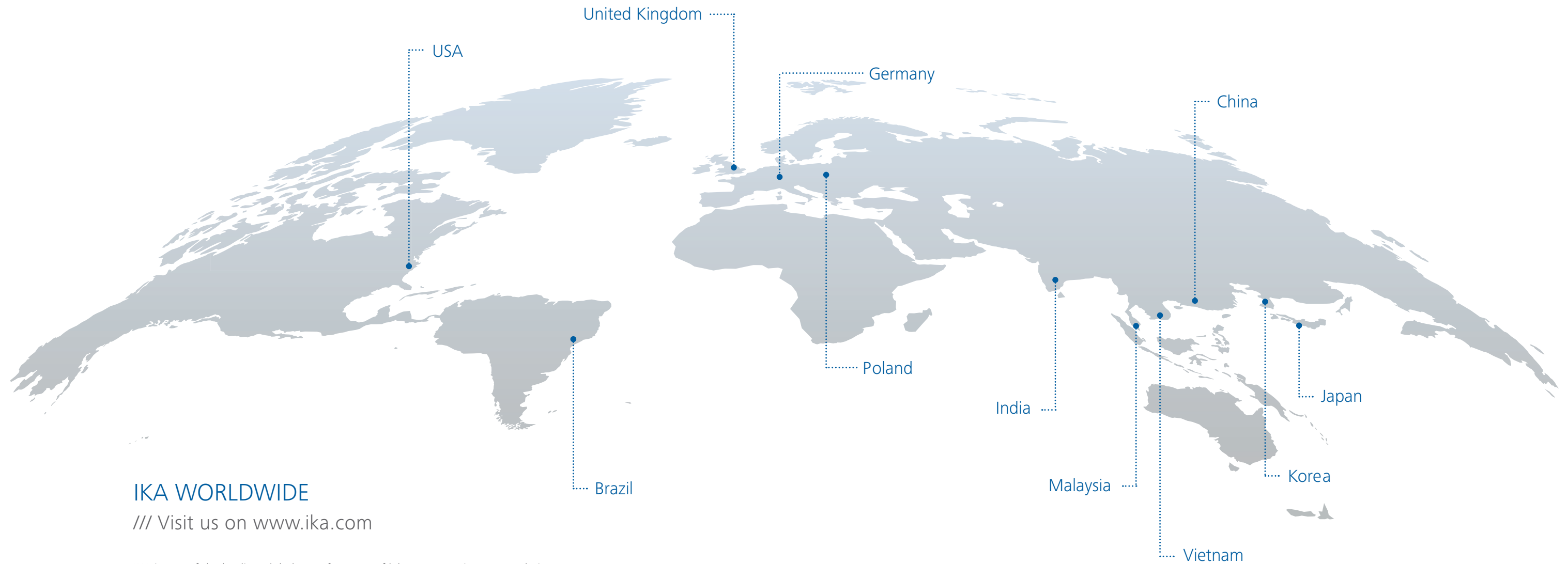
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