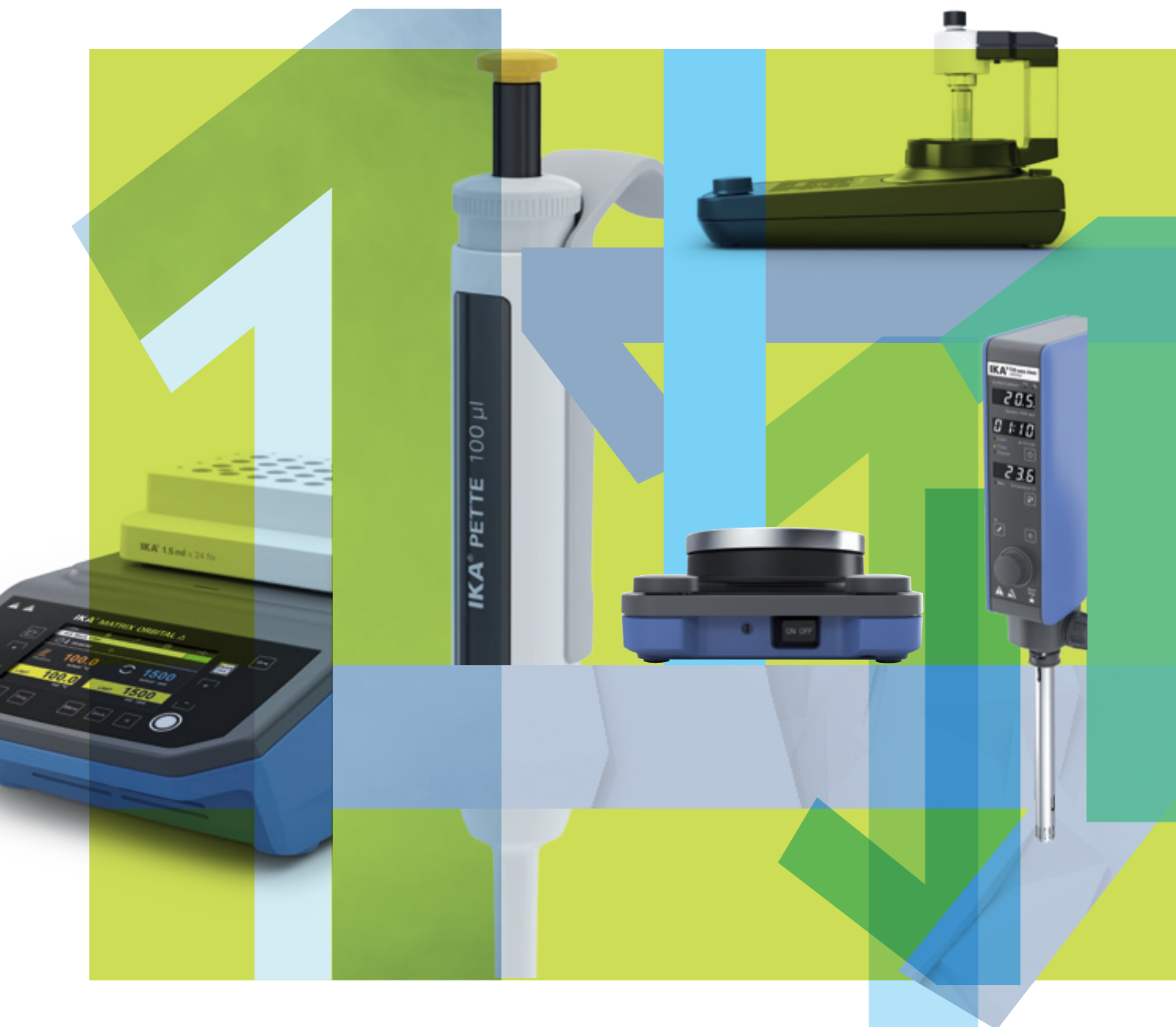


IKA

designed for scientists

MIKROLAB
FRISENETTE

EN



111 YEARS IKA PRODUCT OVERVIEW 2021



SURPRISE!

/// Welcome to the IKA Laboratory & Analytical Technology 2021

Our product design team did it again! IKA won the 2021 German Design Award in the “Excellent Product Design - Industry” category, this time for the new MATRIX Orbital Delta Plus thermoshaker. We are honored with this achievement and will continue to provide our customers with the best standards: ergonomic design, smart handling and safe processing.

As the official global market leader, with a large research and development department, something very special is planned for 2021. Get ready to be surprised!

Electrochemistry | 12 ElectraSyn 2.0
18 Screening System

Crushing | 60 Dispersers
70 Mills

Vacuum Technology | 86 Vacuum Pumps
88 Vacuum Controller

Heating, Cooling & Tempering | 90 Temperature Control
100 Dry Block Heaters
103 Hot Plates
104 Heating Baths
106 Drying Ovens

Separation | 108 Rotary Evaporators
114 Centrifuges

Reactor Systems | 120 Laboratory Reactors
126 magic PLANT
127 Photo Bioreactors

Calorimetry | 130 Calorimeters
133 Decomposition Systems

Mixing | 20 Magnetic Stirrers
32 Overhead Stirrers
44 Thermoshakers
48 Shakers

Measuring Viscosity | 76 Measuring Stirrers
78 Viscometers

Liquid Handling | 116 Pipettes

Controlling / Measuring | 128 labworldsoft® 6
129 CalWin 6040

Accessories | 138 Mechanical
& Electronic Accessories

IKA Packages | 140 Packages



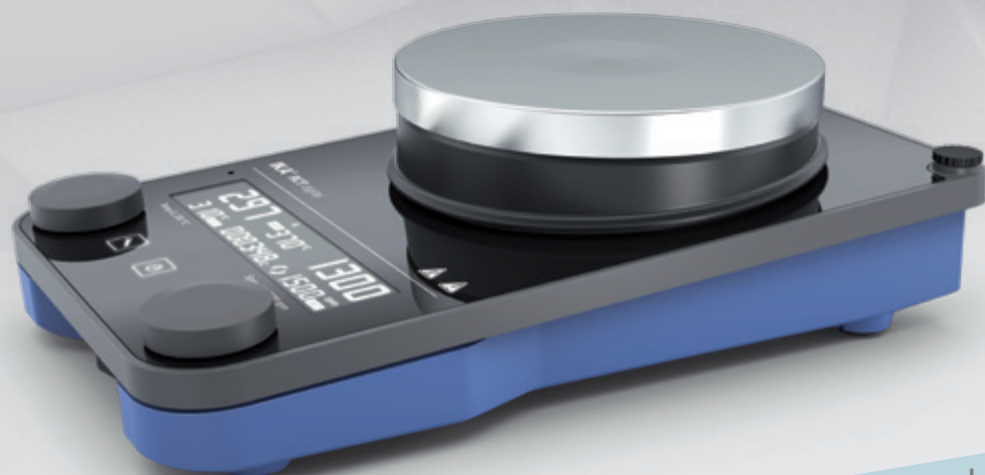
HIGHLIGHTS 2021

What we do best is particular to your benefit: This year we have once again chosen to focus on our strengths in laboratory technology and have selected a product highlight for you in each category. We are excited to see what your personal highlight will be in 2021!

Mixing Expert

Mixing has always been our focus. From very dilute to highly-viscous samples, large to small volumes, shaking or stirring, mechanical or magnetic, wherever we are involved, will get you the best results.

IKA Mixing Highlight 2021: IKA Plate (RCT digital) >> see page 21



Crushing Expert

We break it all down: wet, dry, soft, fibrous, hard and brittle samples. By grinding, pulverizing and dispersing, we do it all quietly, cleanly, extra-fine or even emulsified if you like.

IKA Crushing Highlight 2021: MultiDrive control >> see page 70



Tempering Expert

We temper very quickly. With precise heating, cooling and drying, we provide comfortable temperatures for your samples, even within the sample itself.

IKA Tempering Highlight 2021: RC 2 GREEN >> see page 90



Automation Expert

With IKA, you do more things right. That's because we automate and digitize, simplify and standardize for better reproducibility and more process reliability.

IKA Automation Highlight 2021:
labworldsoft® 6 >> see page 128



Design Expert

We are guided by your experience. With ergonomic design. So that everything that you operate, remove, insert, fasten or clean from IKA is easier to work with.

IKA Design Highlight 2021:
PETTE >> see page 116



Safety Expert

Whether it's about heat or chemicals, employees or samples, with us, you're on the safe side. Thanks to high-quality materials, first-class electronics, independent control circuits and detachable remote controls.

IKA Safety Highlight 2021:
RET control-visc >> see page 21



/// INTEGRATED SAFETY – THE IKA SAFETY CONCEPT

Safety has the highest priority at IKA. In order to protect users in the laboratory, our products have CE certifications and fulfill the requirements described in common standards such as DIN IEC EN 610410-1, DIN IEC EN 61010-2-010, DIN EN IEC 61010-2-051 and DIN IEC EN 61326-1.

Whether heat or chemicals are involved, our Integrated Safety Concept protects the sample, the laboratory and the user and provides the basis for the success of your experiments.



Independent regulation circuits

On many devices there is more than one temperature to monitor. Independent safety circuits ensure that a critical temperature cannot be exceeded under any circumstances – even if the temperature sensor in the medium or in the heating element is defective or fails completely.

Wireless remote control

A wireless remote control (WiCo) permits operation of your laboratory equipment from a safe distance. For example, the control versions of IKA laboratory reactors and thermostats are equipped with a Wireless Controller, or WiCo for short.

Safety shutoff

In case vessel or cover are removed it must be impossible for the devices to unintentionally continue operation. For this reason, IKA Integrated Safety contains safety shutoffs, for example on laboratory reactors or mills. The IKA rotary evaporators automatically lift the evaporation flask out of the heating bath in the event of a power failure.

Temperature monitoring

Maximum temperatures, safety temperatures and temperature warnings guarantee safety in the laboratory. Integrated Safety ensures that flashpoints are not reached. Safety temperatures are set manually using a small tool with each laboratory process. And, even if the magnetic stirrer and heating function is switched off, a warning is issued as long as the heating plate is hotter than 50 °C.



“Hot spot” monitoring

The hottest area of a magnetic stirrer is the set-up plate. Alongside the vessel and its contents, this is itself specifically monitored thanks to Integrated Safety. This feature ensures that the temperature of the set-up plate is not as hot as the flashpoint of the sample material in the event of glass breakage.

Locking function

Locking functions on our magnetic stirrers, for example, prevent inadvertent changes to the temperature and speed values or changes to settings.



Sturdy housing

Chemically-resistant housings and displays, made from hardened, shatterproof glass are to be found wherever dangerous substances or heat are involved, such as in our latest generation of magnetic stirrers.

/// AWARD-WINNING LABORATORY EQUIPMENT

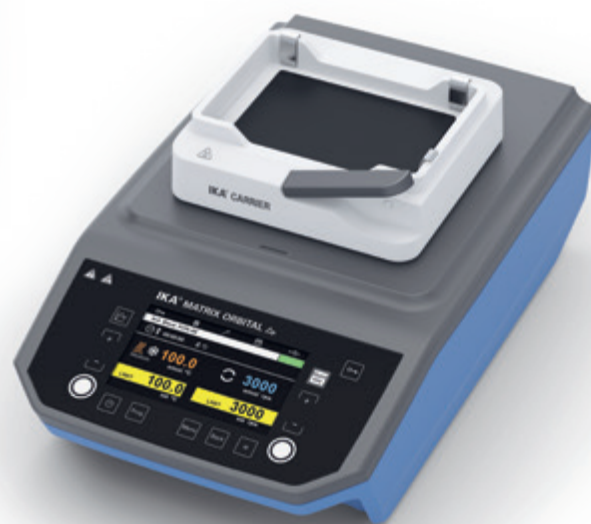
Because of IKA's strength in innovation, quality of design, global sense of responsibility and commitment to the region – IKA continues to receive awards for its outstanding performance. Entrepreneurial courage, dynamic processes and communication-readiness justify these successes. They show us that commitment and perseverance always pay dividends!



German Design Award 2021 for MATRIX Orbital Delta Plus

IKA will once again receive the German Design Award in 2021. This time the MATRIX Orbital Delta Plus will be recognized for outstanding design quality in the category "Excellent Product Design - Industry". With their choice, the German Design Council underlines the fact that design and handling quality go hand in hand.

Thanks to its die-cast housing, the MATRIX thermoshaker sits on a sturdy mount, even on a small setup area. Moreover, it has a clear shape, smooth surface and inventive layout. This means that MATRIX Orbital Delta Plus not only looks good, but is also easy and comfortable to operate.



Innovative power and economic success

IKA has been honored for its innovativeness time and again. We have been included among the most innovative companies in Germany already three times, as honored by the TOP 100 panel and mentor Ranga Yogeshwar. In 2015, IKA even managed to jump up to 2nd place in the class of companies with more than 250 employees. At the ACHEMA Innovation Awards in Frankfurt am Main, IKA was shortlisted for the ElectraSyn 2.0, the pioneering product in electrochemistry. In addition, studies by the University of St. Gallen have placed our company in the World Market Leader Index year after year.



Design strength and user-friendliness

Whether it be the Red Dot Design Award or the German Design Award: The fact that, for us at IKA, an appealing and convenient design plays a central role in our product development is something that is regularly honored.

In 2020, the new IKA PETTE fix and vario pipettes, with their total of 18 different models, received the German Design Award for outstanding design quality. In 2018, it was the IKA T 25 easy clean high-performance disperser.

The coveted Red Dot Award was received in 2013 for the Tube Mill control batch mill and the LR 1000 laboratory reactor, and, in 2018, for the world's first ElectraSyn 2.0, a device for electrochemical synthesis. The UTTD control disperser was awarded a "special mention" by the German Design Council in 2014.



Entrepreneurial responsibility

In 2013, the Oskar Patzelt Foundation awarded IKA the "Grand Prix of Medium-Sized Companies": In the regional competition Baden-Wuerttemberg, IKA came first place in the Industry category. In the same year, we received the Medium-Sized Company prize for social responsibility in Baden-Wuerttemberg, for our particular involvement with the aid project HANDS FOR CHILDREN, which we initiated.



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



reddot award 2018
winner



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 magnetic stirrer. 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 attachment, and a set of electrodes (graphite).

ElectraSyn 2.0 Package

EUR 3.076,00

Ident. No. 0020008980



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

Ready-To-Go
package

ElectraSyn 2.0 pro Package

EUR 3.616,00

Ident. No. 0040003261



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

TECHNICAL DATA

	ELECTRASYN 2.0 PACKAGE PRO PACKAGE
Stirring speed range	50 – 1500 rpm
Maximum voltage output	30 V 20 V 10 V
Maximum 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 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.





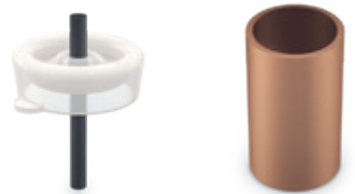
Carousel complete



GOGO Module



e-Hive



Graphite electrode inner
Copper electrode outer

Product	Description	Ident. No.	Price
ATTACHMENTS			
Carousel	Attachment for multi measurements	0020017512	EUR 2.573,00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	EUR 3.568,00
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	EUR 3.216,00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	EUR 707,00
Pro-Seal	Vial cap for gas exchange	0040007151	EUR 502,00
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	EUR 769,00
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	EUR 240,00
ELECTRODES FOR E-HIVE			
Copper electrode inner	Anode copper (24 pcs.)	0040007427	EUR 402,00
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	EUR 160,00
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	EUR 320,00
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	EUR 701,00
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	EUR 554,00
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	EUR 197,00

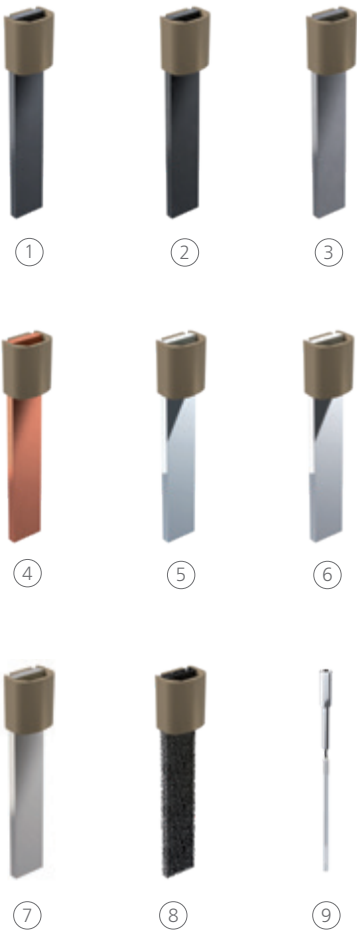


ElectraSyn 2.0 Complete Starter Kit

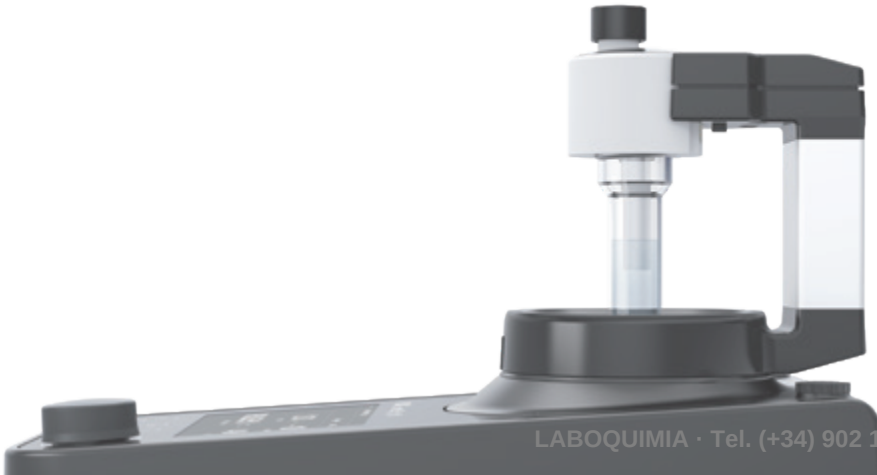


ElectraSyn 2.0 Micro Starter Kit complete

Product	Description	Ident. No.	Price
VIALS / ELECTRODES			
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	EUR 145,00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	EUR 134,00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	EUR 135,00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	EUR 331,00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	EUR 225,00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	EUR 243,00
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	EUR 1.732,00
ElectraSyn 2.0 Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	EUR 1.217,00
ElectraSyn 2.0 vials only	Kit of 10 x 5 ml, 10 x 10 ml, 10 x 20 ml vials	0010003811	EUR 801,00
ElectraSyn 2.0 Complete Starter Kit	Kit of 5 ml, 10 ml, 20 ml vials complete; 10 spare vials of each volume; glassy carbon, set of 2 + 8 other electrodes, each set of 12	0040004013	EUR 2.948,00
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	EUR 539,00
MICROVIALS / MICROELECTRODES			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	EUR 181,00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	EUR 181,00
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	EUR 472,00
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	EUR 467,00
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	EUR 2.546,00
ElectraSyn 2.0 microvials only	Kit 10 x 1 ml, 10 x 2 ml vials	0040004103	EUR 941,00
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	EUR 1.303,00
ElectraSyn 2.0 Micro Starter Kit complete	Kit of 1 ml and 2 ml vials complete; 10 spare vials of each volume; glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004015	EUR 3.669,00



Product	Ident. No.	Price
ELECTRODES		
① Electrode graphite (12 pcs.)	0040002858	EUR 191,00
② Electrode glassy carbon (2 pcs.)	0040002842	EUR 143,00
Electrode lead bronze (2 pcs.)	0020016076	EUR 145,00
Electrode lead (12 pcs.)	0040002843	EUR 359,00
Electrode tungsten (2 pcs.)	0040002845	EUR 366,00
③ Electrode niobium (2 pcs.)	0040002846	EUR 135,00
④ Electrode copper (12 pcs.)	0040002847	EUR 99,00
Electrode magnesium (12 pcs.)	0040002848	EUR 351,00
Electrode titanium (12 pcs.)	0040002849	EUR 326,00
Electrode zinc (12 pcs.)	0040002850	EUR 326,00
Electrode stainless steel (12 pcs.)	0040002851	EUR 87,00
⑤ Electrode platinum plated (2 pcs.)	0040002852	EUR 127,00
Electrode platinum foil (2 pcs.)	0040005015	EUR 640,00
Electrode platinum on ceramics (2 pcs.)	0040006753	EUR 352,00
Electrode gold plated (2 pcs.)	0040002853	EUR 328,00
⑥ Electrode silver plated (2 pcs.)	0040002854	EUR 105,00
Electrode aluminium (12 pcs.)	0040003174	EUR 193,00
Electrode boron doped diamond (2 pcs.)	0040002856	EUR 569,00
Electrode tin (12 pcs.)	0040002857	EUR 342,00
⑦ Electrode nickel (12 pcs.)	0040002859	EUR 224,00
⑧ Electrode RVC foam (12 pcs.)	0040002860	EUR 323,00
Electrode nickel foam (12 pcs.)	0040002861	EUR 78,00
Electrode cobalt (2 pcs.)	0040003385	EUR 89,00
⑨ Electrode reference (1 pc.)	0040002865	EUR 233,00
Electrode CV glassy carbon (1 pc.)	0040002863	EUR 127,00



Product	Ident. No.	Price
MICROELECTRODES		
① Microelectrode aluminium (12 pcs.)	0040004029	EUR 94,00
Microelectrode boron-doped diamond (2 pcs.)	0040004036	EUR 805,00
② Microelectrode cobalt (2 pcs.)	0040004039	EUR 136,00
③ Microelectrode copper (12 pcs.)	0040004027	EUR 95,00
④ Microelectrode glassy carbon (2 pcs.)	0040004022	EUR 176,00
⑤ Microelectrode gold (2 pcs.)	0040004034	EUR 229,00
Microelectrode graphite SK-50 (12 pcs.)	0040004021	EUR 233,00
Microelectrode lead (12 pcs.)	0040004028	EUR 955,00
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	EUR 248,00
Microelectrode magnesium (12 pcs.)	0040004025	EUR 559,00
Microelectrode nickel (12 pcs.)	0040004023	EUR 733,00
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	EUR 101,00
⑧ Microelectrode niobium (2 pcs.)	0040004032	EUR 232,00
Microelectrode platinum (2 pcs.)	0040004038	EUR 203,00
Microelectrode silver (2 pcs.)	0040004035	EUR 78,00
Microelectrode stainless steel (12 pcs.)	0040004024	EUR 163,00
⑨ Microelectrode tin (12 pcs.)	0040004037	EUR 642,00
Microelectrode titanium (12 pcs.)	0040004033	EUR 559,00
Microelectrode tungsten (2 pcs.)	0040004031	EUR 103,00
Microelectrode zinc (12 pcs.)	0040004026	EUR 559,00
Microelectrode graphite V2100 (2 pcs.)	0040004040	EUR 151,00

Screening System Package
(8 cells)

EUR 11.034,00
Ident. No. 0040003642



Screening System Package
(6 cells)

EUR 11.989,00
Ident. No. 0040003631



TECHNICAL DATA	
CONTINUOUSLY ADJUSTABLE POWER SUPPLY	
Voltage output	0 – 32 V (± 1 mV)
Supply voltage	115 or 230 V (50 Hz / 60 Hz)
MAGNETIC STIRRER	
Speed range	0 – 1500 rpm
REACTION CELLS	
Number of cells	6 (divided cell) or 8 (undivided cell)
Usable volume of undivided cell	8 ml
Usable volume of divided cell (per chamber)	8 ml
Material	PTFE
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
REACTION BLOCKS AND CELLS		
Reaction block with 6 divided cells	0020015936	EUR 2.059,00
Reaction block with 8 undivided cells	0020015943	EUR 1.132,00
Set of reaction cells (6 divided cells)	0040003647	EUR 1.853,00
Set of reaction cells (8 undivided cells)	0040003648	EUR 926,00
ELECTRODES		
Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	EUR 4.014,00
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	EUR 994,00
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	EUR 170,00
Electrode 0.7 platinum (8 pcs.)	0040003678	EUR 609,00
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	EUR 360,00
Electrode 0.7 gold (8 pcs.)	0040003934	EUR 385,00
Electrode 0.7 silver (8 pcs.)	0040003938	EUR 299,00
Electrode 0.7 nickel foam (16 pcs.)	0040003935	EUR 81,00
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	EUR 684,00
Electrode 0.7 nickel (16 pcs.)	0040003671	EUR 465,00
Electrode 0.7 stainless steel (8 pcs.)	0040003672	EUR 257,00
Electrode 0.7 lead (16 pcs.)	0040003673	EUR 506,00
Electrode 0.7 lead bronze (8 pcs.)	0040003674	EUR 333,00
Electrode 0.7 copper (8 pcs.)	0040003675	EUR 219,00
Electrode 0.7 magnesium (16 pcs.)	0040003677	EUR 465,00
Electrode 0.7 zinc (16 pcs.)	0040003680	EUR 438,00
Electrode 0.7 aluminium (16 pcs.)	0040003682	EUR 547,00
Electrode 0.7 cobalt (8 pcs.)	0040003933	EUR 316,00
Electrode 0.7 niobium (8 pcs.)	0040003936	EUR 288,00
Electrode 0.7 tin (8 pcs.)	0040003939	EUR 250,00
Electrode 0.7 titanium (8 pcs.)	0040003940	EUR 230,00
Electrode 0.7 tungsten (8 pcs.)	0040003941	EUR 333,00
Electrode 0.7 RVC (16 pcs.)	0040003937	EUR 402,00
Electrode 0.7 Sampler Kit incl. 7 x 2 electrodes*	0040004509	EUR 1.484,00
Electrode 0.7 Starter Kit incl. 9 x 1 electrode**	0040003646	EUR 4.560,00
Electrode 0.7 power supply	0040003604	EUR 4.119,00
SC 1.1 Cable (1 – 4)	0040003663	EUR 133,00
SC 1.2 Cable (5 – 8)	0020018590	EUR 133,00
SC 2.1 Crocodile clip for cable set	0040003630	EUR 26,00
labworldsoft® 6 Screening System	0020023690	EUR 670,00

*BDD, cobalt, gold, silver, niobium, tungsten, titanium

**graphite V2100, glassy carbon, magnesium, tin, nickel foam, nickel, lead, lead bronze, copper

We believe you can make a laboratory classic even better. The magnetic stirrer was invented more than seven decades ago, but the world’s best-selling stirrers have never been as strong, energy-efficient and durable as the modern IKA magnetic stirrers. We have developed devices for mixing tasks involving an extensive range of volumes and viscosities, with and without a heating function, and even for multiple syntheses in up to 36 vessels at the same time. One model even adapts to the optical preferences of its user.

RCT 5 DIGITAL
/// The most powerful generation of magnetic stirrers



The new RCT 5 digital magnetic stirrer, with a heating power rating of 850 watts, now offers significantly more power making it an ideal device for demanding stirring tasks up to 20 l.

INTELLIGENT SET-UP PLATE

The RCT 5 digital’s set-up plate is made from white coated ceramic material, making it particularly resistant to chemicals. In addition, the shape is square, meaning that this modern magnetic stirrer provides even better space utilization for attachments and stirring vessels.

MULTIFUNCTIONAL MENU

Whether determining the direction of rotation, timer functions or sequence programming - the stirring process can be programmed individually from beginning to end. In this way, the reaction runs reliably and safely even without monitoring.

SIMPLE OPERATION

The intuitive multilingual IKA menu guide makes working with the RCT 5 digital pleasant and simple. It has a large LED display and can be controlled just as easily as any other IKA laboratory equipment.

IKA Plate (RCT digital)

EUR 902,00
Ident. No. 0025004601



RCT 5 digital

EUR 926,00
Ident. No. 0020002704



New: 850 W heating power

C-MAG HS 7 control

EUR 926,00
Ident. No. 0020002694



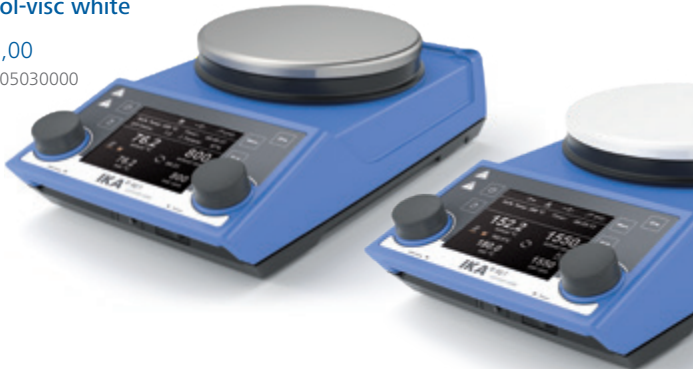
RET control-visc

EUR 1.441,00
Ident. No. 0005020000

Weighing function & pH measurement

RET control-visc white

EUR 1.493,00
Ident. No. 0005030000



TECHNICAL DATA	IKA PLATE (RCT DIGITAL)	RCT 5 DIGITAL	C-MAG HS 7 CONTROL	RET CONTROL-VISC WHITE
Stirring quantity max. (H ₂ 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	850 W	1000 W	600 W
Heating temperature range	RT + device self heating – 310 °C	RT + device self heating – 310 °C	RT + device self heating – 500 °C	RT + device self heating – 340 °C
Set-up plate material	Aluminium alloy	Aluminium with ceramic coating	Ceramic	Stainless steel 1.4301 I Coated
Load capacity weighing function max.	–	–	–	5 kg
Set-up plate dimensions	Ø 135 mm	137 x 137 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**
EUR 660,00
Ident. No. 0004240200

② **C-MAG HS 7 digital**
EUR 772,00
Ident. No. 0003487000

③ **C-MAG HS 10 digital**
EUR 926,00
Ident. No. 0004240400



① **C-MAG HS 4**
EUR 529,00
Ident. No. 0003581000

② **C-MAG HS 7**
EUR 582,00
Ident. No. 0003581200

③ **C-MAG HS 10**
EUR 795,00
Ident. No. 0003581400



① **RH basic**
EUR 529,00
Ident. No. 0005019700

② **RH basic white**
EUR 635,00
Ident. No. 0005029700

③ **RH basic 2**
EUR 369,00
Ident. No. 0003339000



① **RH digital**
EUR 635,00
Ident. No. 0005019800

② **RH digital white**
EUR 741,00
Ident. No. 0004678000



TECHNICAL DATA	C-MAG HS 4 7 10 DIGITAL	C-MAG HS 4 7 10	RH BASIC BASIC WHITE RH BASIC 2	RH DIGITAL DIGITAL WHITE
Stirring quantity max. (H ₂ O)	5 l 10 l 15 l	5 l 10 l 15 l	15 l 10 l	15 l
Speed range	100 – 1500 rpm	100 – 1500 rpm	100 – 2000 rpm	100 – 2000 rpm
Heat output	250 W 1000 W 1500 W	250 W 1000 W 1500 W	600 W 400 W	600 W
Heating temperature	50 – 500 °C	50 – 500 °C	50 – 320 °C Room temp. °C – 320 °C	50 – 320 °C
Set-up plate material	Ceramic	Ceramic	Stainless steel 1.4301 RH basic white: coated	Stainless steel 1.4301 RH digital white: coated
External Temperature control	PT 1000	– ETS-D5 ETS-D5	ETS-D5 ETS-D5 –	ETS-D5
Dimensions (W x H x D)	150 x 105 x 260 mm 215 x 105 x 330 mm 300 x 105 x 415 mm	150 x 105 x 260 mm 220 x 105 x 335 mm 300 x 105 x 415 mm	160 x 100 x 250 mm 168 x 105 x 220 mm	160 x 100 x 250 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

RET basic
EUR 1.165,00
Ident. No. 0003622000



RCT basic
EUR 772,00
Ident. No. 0003810000

BESTSELLER



① **RT 5**
EUR 2.430,00
Ident. No. 0003690600

② **RT 10**
EUR 3.181,00
Ident. No. 0003691100

③ **RT 15**
EUR 4.030,00
Ident. No. 0003692600

10-position hotplate
stirrer, for synchronous
heating and stirring



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, two independent control circuits, hot top indicator and precise temperature control.

TECHNICAL DATA	RET BASIC	RCT BASIC	RT 5 RT 10 RT 15
Stirring quantity max. (H ₂ O)	20 l	20 l	0,4 l per stirring position
Speed range	50 – 1700 rpm	50 – 1500 rpm	0 – 1000 rpm
Heat output	600 W	600 W	175 W 375 W 580 W
Heating temperature	RT + device self heating – 340 °C	RT + device self heating – 310 °C	Room temp. °C – 120 °C
Set-up plate material	Stainless steel 1.4301	Aluminium alloy	Aluminium alloy
Connection for ext. temperature sensor	PT 1000	PT 1000	–
Dimensions (W x H x D)	160 x 95 x 270 mm	160 x 85 x 270 mm	120 x 60 x 610 mm 190 x 60 x 610 mm 280 x 60 x 610 mm
Protection class according to DIN EN 60529	IP 42	IP 42	IP 40

① **RO 5**
EUR 1.378,00
Ident. No. 0003690500

② **RO 10**
EUR 1.590,00
Ident. No. 0003691000

③ **RO 15**
EUR 2.224,00
Ident. No. 0003692500

Adjustable reverse operation

③



KMO 3 basic
EUR 599,00
Ident. No. 0020004631

Illuminated, flat stirring plate





① **Midi MR 1 digital**
EUR 3.192,00
Ident. No. 0025002968

② **Maxi MR 1 digital**
EUR 3.501,00
Ident. No. 0025002978

①



① **C-MAG MS 4**
EUR 529,00
Ident. No. 0003582200

② **C-MAG MS 7**
EUR 582,00
Ident. No. 0003582400

③ **C-MAG MS 10**
EUR 795,00
Ident. No. 0003582600

②



TECHNICAL DATA	RO 5 RO 10 RO 15	KMO 3 BASIC	MIDI MR 1 DIGITAL MAXI MR 1 DIGITAL	C-MAG MS 4 7 10
Stirring quantity max. (H ₂ O)	0,4 l per stirring position	5 l	50 l 150 l	5 l 10 l 15 l
Speed range	0 – 1200 rpm	10 – 1500 rpm	0 – 1000 rpm 0 – 600 rpm	100 – 1500 rpm
Set-up plate material	Stainless steel 1.4301	Glass	Stainless steel 1.4301	Ceramic
Set-up plate dimensions	120 × 470 mm 190 × 470 mm 280 × 470 mm	140 × 120 mm	350 × 350 mm 500 × 500 mm	100 × 100 mm 180 × 180 mm 260 × 260 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	150 × 105 × 260 mm 220 × 105 × 335 mm 300 × 105 × 415 mm
Protection class according to DIN EN 60529	IP 40	IP 42	IP 21	IP 21

25

MAGNETIC STIRRERS | Without Heating

topolino
EUR 109,00
Ident. No. 0003368000



IKA myPlate
EUR 317,00
Ident. No. 0025005156

Design the set-up plate yourself



lab disc
EUR 289,00
Ident. No. 0003907500



Mini MR standard
EUR 226,00
Ident. No. 0025004132



TECHNICAL DATA	TOPOLINO	IKA MYPLATE	LAB DISC	MINI MR STANDARD
Stirring quantity max. (H ₂ O)	0,25 l	1,5 l	0,8 l	1 l
Direction of rotation	–	Left	–	Right
Speed range	500 – 1800 rpm	100 – 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	116 × 12 × 175 mm	115 × 37 × 129 mm
Protection class according to DIN EN 60529	IP 21	IP 54	IP 65	IP 42

LABOQUIMIA • Tel. (+34) 902 193 170 • www.laboquimia.es • consultas@laboquimia.es



Product	Ident. No.	Price
TEMPERATURE SENSORS		
Stainless steel		
PT 1000.60	0003516800	EUR 124,00
PT 1000.80	0004443000	EUR 131,00
PT 100.70	0020000440	EUR 119,00
Glass-coated		
PT 1000.70	0003736000	EUR 136,00
PT 100.51	0002600300	EUR 272,00
SafeCoat (PFA, PTFE)		
PT 1000.90	0004480600	EUR 175,00
PT 100.53	0004499700	EUR 279,00
Dual		
PT 1000.50	0003367600	EUR 272,00
PT 1000.51	0003377700	EUR 316,00

ELECTRONIC CONTACT THERMOMETERS		
ETS-D5	0003378000	EUR 359,00
ETS-D6	0003378100	EUR 529,00

SENSORS FOR ETS-D5 / ETS-D6		
H 62.51	0002735451	EUR 180,00
H 66.51, glass coated	0002735551	EUR 264,00
H 66.53, coated	0004499900	EUR 211,00
H 70, extension cable	0002735600	EUR 183,00



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 7 10	RH digital basic
-	•	•	•	•	•	-	-
-	+	+	+	+	+	-	-
•	-	-	-	-	-	-	-
-	+	+	+	+	+	-	-
+	-	-	-	-	-	-	-
-	+	+	+	+	+	-	-
+	-	-	-	-	-	-	-
+	-	-	-	-	-	-	-

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

+ Compatible | - Not compatible | • Included in delivery





Square carrier with handle:
H 135.11



H 135.104



Flask carrier with handle:
H 135.21



Flask carrier without
handle: H 135.25



Inlay: H 135.301



Inlay: H 135.401



Inlay: 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	EUR 136,00
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	EUR 243,00
H 135.101 Block 16 × 4 ml	15,2 mm	79 × 79 mm	0025000626	EUR 65,00
H 135.102 Block 16 × 8 ml	17,5 mm	79 × 79 mm	0025000627	EUR 65,00
H 135.103 Block 9 × 16 ml	20,5 mm	79 × 79 mm	0025000628	EUR 65,00
H 135.104 Block 4 × 20 ml	28,5 mm	79 × 79 mm	0025000629	EUR 65,00
H 135.105 Block 4 × 30 ml	28,5 mm	79 × 79 mm	0025000630	EUR 65,00
H 135.106 Block 4 × 40 ml	28,5 mm	79 × 79 mm	0025000631	EUR 65,00
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	EUR 65,00
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	EUR 65,00

Product	Max. outer Ø	Inner Ø	Ident. No	Price
100 ML FLASK HEATING BLOCK SERIES				
H 135.20 Flask carrier 100 ml without handle	142 mm	–	0025000634	EUR 116,00
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	EUR 222,00
H 135.201 Flask inlay 10 ml	–	33,8 mm	0025000636	EUR 65,00
H 135.202 Flask inlay 25 ml	–	43,8 mm	0025000637	EUR 65,00
H 135.203 Flask inlay 50 ml	–	52,8 mm	0025000638	EUR 65,00

250 ML FLASK HEATING BLOCK SERIES				
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	EUR 148,00
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	EUR 254,00

500 ML FLASK HEATING BLOCK SERIES				
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	EUR 158,00
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	EUR 264,00
H 135.301 Flask inlay 100 ml	–	66,3 mm	0025000641	EUR 65,00
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	EUR 65,00

1000 ML FLASK HEATING BLOCK SERIES				
H 135.40 Flask carrier 1000 ml without handle	166,3 mm	–	0025000833	EUR 200,00
H 135.41 Flask carrier 1000 ml with handle	166,3 mm	–	0004448500	EUR 306,00
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	EUR 116,00

2000 ML FLASK HEATING BLOCK SERIES				
H 135.50 Flask carrier 2000 ml without handle	194,7 mm	–	0025000834	EUR 274,00
H 135.51 Flask carrier 2000 ml with handle	194,7 mm	–	0004448600	EUR 381,00
H 135.501 Flask inlay 1000 ml	–	131,8 mm	0025000645	EUR 168,00

Product	Dimensions	Ident. No	Price	Product	Dimensions	Ident. No	Price
IKAFLON® ROUND PTFE-COATED				IKAFLON® CROSS PTFE-COATED			
10 round (5 pcs.)	10 × 6 mm	0004488600	EUR 8,00	10 cross (5 pcs.)	10 × 10 mm	0004496200	EUR 14,00
15 round (5 pcs.)	15 × 6 mm	0004488700	EUR 9,00	20 cross (5 pcs.)	20 × 20 mm	0004496400	EUR 19,00
20 round (5 pcs.)	20 × 8 mm	0004488800	EUR 11,00	25 cross (5 pcs.)	25 × 25 mm	0004496600	EUR 22,00
25 round (5 pcs.)	25 × 8 mm	0004488900	EUR 13,00	30 cross (5 pcs.)	30 × 30 mm	0004496800	EUR 28,00
30 round (5 pcs.)	30 × 8 mm	0004489000	EUR 13,00	38 cross (5 pcs.)	38 × 38 mm	0004497000	EUR 34,00
40 round (5 pcs.)	40 × 8 mm	0004489100	EUR 14,00	IKAFLON® BONE PTFE-COATED			
50 round (5 pcs.)	50 × 8 mm	0004489200	EUR 15,00	37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	EUR 50,00
80 round (5 pcs.)	80 × 10 mm	0004489300	EUR 38,00	54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	EUR 61,00
110 round (1 pc.)	108 × 27 mm	0000793300	EUR 92,00	IKAFLON® BEAKER PTFE-COATED			
155 round (1 pc.)	153 × 27 mm	0001129000	EUR 102,00	74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	EUR 292,00

IKAFLON® ROUND GLASS-COATED			
25 round (5 pcs.)	25 × 6 mm	0004492200	EUR 25,00
40 round (5 pcs.)	40 × 8 mm	0004492600	EUR 25,00
50 round (5 pcs.)	50 × 8 mm	0004492800	EUR 27,00

IKAFLON® SLIDE ROUND			
25 slide (5 pcs.)	25 × 6 mm	0004493800	EUR 11,00
30 slide (5 pcs.)	30 × 6 mm	0004494000	EUR 11,00
40 slide (5 pcs.)	40 × 8 mm	0004494200	EUR 20,00
50 slide (5 pcs.)	50 × 8 mm	0004494400	EUR 23,00

IKAFLON® POWER			
20 power (5 pcs.)	20 × 6 mm	0004493000	EUR 25,00
30 power (5 pcs.)	30 × 6 mm	0004493200	EUR 38,00
50 power (5 pcs.)	50 × 8 mm	0004493400	EUR 46,00

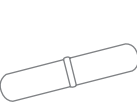
IKAFLON® ELLIPSE PTFE-COATED			
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	EUR 17,00
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	EUR 19,00
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	EUR 25,00
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	EUR 31,00
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	EUR 40,00
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	EUR 57,00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	EUR 99,00

IKAFLON® CROWN PTFE-COATED			
9 crown (5 pcs.)	9 × 6 mm	0004498400	EUR 12,00

TRIKA® PTFE-COATED			
25 Trika (5 pcs.)	25 × 8 mm	0004499300	EUR 12,00
35 Trika (5 pcs.)	35 × 9 mm	0004499400	EUR 19,00
55 Trika (5 pcs.)	55 × 14 mm	0004499500	EUR 29,00
80 Trika (5 pcs.)	80 × 17 mm	0004499600	EUR 41,00

SET OF MAGNETIC STIRRING BARS			
RS 1		0001358600	EUR 107,00
RS 2		0004499100	EUR 122,00

STIRRING BAR REMOVER			
RSE	Stirring bar remover	0001293100	EUR 70,00



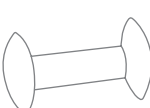
IKAFLON® round
PTFE-coated



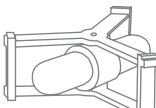
IKAFLON® ellipse
PTFE-coated



IKAFLON® cross
PTFE-coated



IKAFLON® bone
PTFE-coated



IKAFLON® beaker
PTFE-coated



TRIKA® PTFE-coated



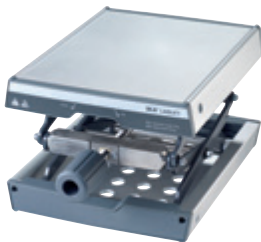
WiCo RET control-visc



Cover RET control-visc



IB R RO 15 eco



LABLIFT m



IKA Plate Adapter

Product	Description	Ident. No.	Price
WIRELESS-CONTROLLED OPERATING UNIT			
WiCo RET control-visc	Wireless remote control	0020007259	EUR 370,00
COVERS			
H 102	Cover for RH basic	0004281600	EUR 17,00
H 103	Cover for RH digital	0004299100	EUR 17,00
H 100	Cover for RCT basic and RET basic	0003661000	EUR 17,00
H 104	Cover for RET control-visc	0004209500	EUR 17,00
MAINS CABLES			
H 11	Mains cable Euro plug	0001091500	EUR 30,00
H 11	Mains cable USA plug	0003564500	EUR 30,00
H 11	Mains cable UK plug	0002410700	EUR 30,00
H 11	Mains cable CH plug	0001091600	EUR 30,00
H 11	Mains cable IN plug	0003923600	EUR 30,00
PLASTIC BATH FOR MAGNETIC STIRRER RO 15			
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	EUR 814,00
LABLIFT			
LABLIFT m	Up to 25 kg (max. static load)	0004022400	EUR 278,00
IKA PLATE ADAPTER			
IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	EUR 164,00
BEAKER CAP			
BC 1000	Beaker cap	0020003417	EUR 16,00



H 3000



HG 600



H 16.3



H 44



Product	Description	Ident. No.	Price
OIL BATH ATTACHMENTS			
H 29	Oil bath attachment, 1 l	0002829400	EUR 210,00
H 30	Oil bath attachment, 1,5 l	0002829500	EUR 232,00
BEAKERS, STAINLESS STEEL			
H 1000	Beaker, stainless steel, 1 l	0004444401	EUR 355,00
H 1500	Beaker, stainless steel, 1,5 l	0004444501	EUR 366,00
H 3000	Beaker, stainless steel, 3 l	0004444503	EUR 376,00
H 5000	Beaker, stainless steel, 5 l	0004444505	EUR 443,00
HEATING JACKETS			
HG 600	Heating jacket for beaker 600 ml	0020003416	EUR 102,00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	EUR 123,00
HOLDERS			
H 16 V	Support rod	0001545100	EUR 64,00
H 16.3	Extension for support rod	0025000622	EUR 17,00
H 44	Boss head clamp	0002437700	EUR 30,00
H 38	Holding rod	0003547700	EUR 28,00

LABORATORY SOFTWARE
labworldsoft® 6 Starter

EUR 4.017,00
Ident. No. 0020019397

labworldsoft® 6 Pro

EUR 9.167,00
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 overhead stirrers are strong, sturdy and safe because we understand the most important aspects during development. From low to high viscosities, and with up to 200 liters of stirring volume, all mixing and stirring tasks constitute no challenge for our stirrers. This is a good foundation for differentiated functionalities, which include: a safety circuit, a clear display, convenient control using labworldsoft® laboratory software and a wide range of stirring tools. Whether it is propeller stirrers, anchor stirrers or spiral stirrers – you will find the right tool for all applications in our range.

NANOSTAR 7.5 DIGITAL
/// Perfect basic functionality in the most compact of spaces



With 30% less volume and weighing just 0,8 kg, the NANOSTAR 7.5 digital overhead stirrer is even more space-saving than the MICROSTAR 7.5 digital – yet with the same performance rating.

CONSTANT TORQUE
NANOSTAR 7.5 digital guarantees an absolutely constant torque over the entire speed range of 50 – 2000 rpm.

EASE OF OPERATION
Operation takes place using a stable rotary knob. The display clearly shows the rotational speed.

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

NANOSTAR 7.5 digital
EUR 759,00
Ident. No. 0025004356

NEW!



MICROSTAR 7.5 digital
EUR 823,00
Ident. No. 0025004715



MICROSTAR 7.5 control
EUR 1.132,00
Ident. No. 0025001984



Speed range:
50 – 2000 rpm

MICROSTAR 15 digital
EUR 885,00
Ident. No. 0025004883



MICROSTAR 15 control
EUR 1.194,00
Ident. No. 0025001986



MICROSTAR 30 digital
EUR 926,00
Ident. No. 0025004884



MICROSTAR 30 control
EUR 1.235,00
Ident. No. 0025001987



Temperature sensor included

TECHNICAL DATA	NANOSTAR 7.5 DIGITAL	MICROSTAR 7.5 DIGITAL CONTROL	MICROSTAR 15 DIGITAL CONTROL	MICROSTAR 30 DIGITAL CONTROL
Stirring quantity max. (H ₂ O)	5 l	5 l	10 l	20 l
Speed range	0 / 50 – 2000 rpm	0 / 50 – 2000 rpm 0 / 30 – 2000 rpm	0 / 50 – 1000 rpm 0 / 30 – 1000 rpm	0 / 50 – 500 rpm 0 / 30 – 500 rpm
Viscosity max.	4000 mPas	4000 mPas	8000 mPas	20 000 mPas
Torque max. at stirring shaft	7,5 Ncm	7,5 Ncm	15 Ncm	30 Ncm
Temperature measuring range	–	– -10 – 350 °C	– -10 – 350 °C	– -10 – 350 °C
Torque measurement	–	– Trend	– Trend	– Trend
Chuck range diameter	0,5 – 8,2 mm	0,5 – 8,2 mm	0,5 – 8,2 mm	0,5 – 8,2 mm
Display	LED	LED LCD	LED LCD	LED LCD
Dimensions (W x H x D)	53 x 147 x 130 mm	60 x 173 x 126 mm 60 x 173 x 136 mm	60 x 173 x 126 mm 60 x 173 x 136 mm	60 x 173 x 126 mm 60 x 173 x 136 mm
Protection class according to DIN EN 60529	IP 54	IP 54	IP 54	IP 54

MINISTAR 20 digital

EUR 885,00
Ident. No. 0025004885



MINISTAR 20 control

EUR 1.194,00
Ident. No. 0025001988

MINISTAR 40 digital

EUR 988,00
Ident. No. 0025004886



MINISTAR 40 control

EUR 1.297,00
Ident. No. 0025001989



MINISTAR 80 digital

EUR 1.091,00
Ident. No. 0025004887



Power package:
80 Ncm

MINISTAR 80 control

EUR 1.400,00
Ident. No. 0025001990



TECHNICAL DATA	MINISTAR 20 DIGITAL CONTROL	MINISTAR 40 DIGITAL CONTROL	MINISTAR 80 DIGITAL CONTROL
Stirring quantity max. (H ₂ 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
Viscosity max.	10 000 mPas	30 000 mPas	60 000 mPas
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
Chuck range diameter	0,5 – 8,2 mm	0,5 – 8,2 mm	0,5 – 8,2 mm
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

EUR 959,00
Ident. No. 0004442000



EUROSTAR 40 digital

EUR 1.249,00
Ident. No. 0004444000

Quiet operation with
brushless DC motor

EUROSTAR 60 digital

EUR 1.399,00
Ident. No. 0004446000



EUROSTAR 60 control

EUR 1.956,00
Ident. No. 0004440000

EUROSTAR 100 digital

EUR 1.998,00
Ident. No. 0004238100



EUROSTAR 100 control

EUR 2.523,00
Ident. No. 0004028500

EUROSTAR 200 digital

EUR 2.646,00
Ident. No. 0003990000



EUROSTAR 200 control

EUR 3.038,00
Ident. No. 0003992000

TECHNICAL DATA	EUROSTAR 20 DIGITAL 40 DIGITAL	EUROSTAR 60 DIGITAL CONTROL	EUROSTAR 100 DIGITAL CONTROL	EUROSTAR 200 DIGITAL CONTROL
Stirring quantity max. (H ₂ 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
Viscosity max.	10 000 l 30 000 mPas	50 000 mPas	70 000 mPas	100 000 mPas
Torque max. at stirring shaft	20 Ncm 40 Ncm	60 Ncm	100 Ncm	I: 200 Ncm II: 40 Ncm
Chuck range diameter	0,5 – 10 mm	0,5 – 10 mm	0,5 – 10 mm	0,5 – 10 mm
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

EUR 3.320,00
Ident. No. 0004214000



EUROSTAR 400 control

EUR 3.707,00
Ident. No. 0004214100

EUROSTAR 20 high speed digital

EUR 1.956,00
Ident. No. 0004028600



EUROSTAR 20 high speed control

EUR 2.574,00
Ident. No. 0025001314

EUROSTAR 100 control P4

EUR 3.604,00
Ident. No. 0025004384



EUROSTAR 200 control P4

EUR 4.119,00
Ident. No. 0004090000



TECHNICAL DATA	EUROSTAR 400 DIGITAL CONTROL	EUROSTAR 20 HIGH SPEED DIGITAL CONTROL	EUROSTAR 100 CONTROL P4	EUROSTAR 200 CONTROL P4
Stirring quantity max. (H ₂ 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: 0 / 4 – 108 rpm II: 16 – 530 rpm
Viscosity max.	100 000 mPas	10 000 mPas	100 000 mPas	150 000 mPas
Torque max. at stirring shaft	I: 400 Ncm II: 80 Ncm	20 Ncm	320 Ncm	I: 660 Ncm II: 130 Ncm
Chuck range diameter	3 – 16 mm	–	0,5 – 10 mm	0,5 – 10 mm
Display	LED TFT	LED TFT	TFT	TFT
Temperature measuring range	– -10 – 350 °C	– -10 – 350 °C	-10 – 350 °C	-10 – 350 °C
Dimensions (W x H x D)	114 x 325 x 245 mm 114 x 345 x 268 mm	86 x 325 x 208 mm 86 x 325 x 230 mm	86 x 352 x 230 mm	91 x 379 x 231 mm
Protection class according to DIN EN 60529	IP 42 IP 40	IP 42 IP 40	IP 40	IP 40

RW 20 digital

EUR 1.199,00
Ident. No. 0003593000



RW 28 digital

EUR 3.089,00
Ident. No. 0005040000

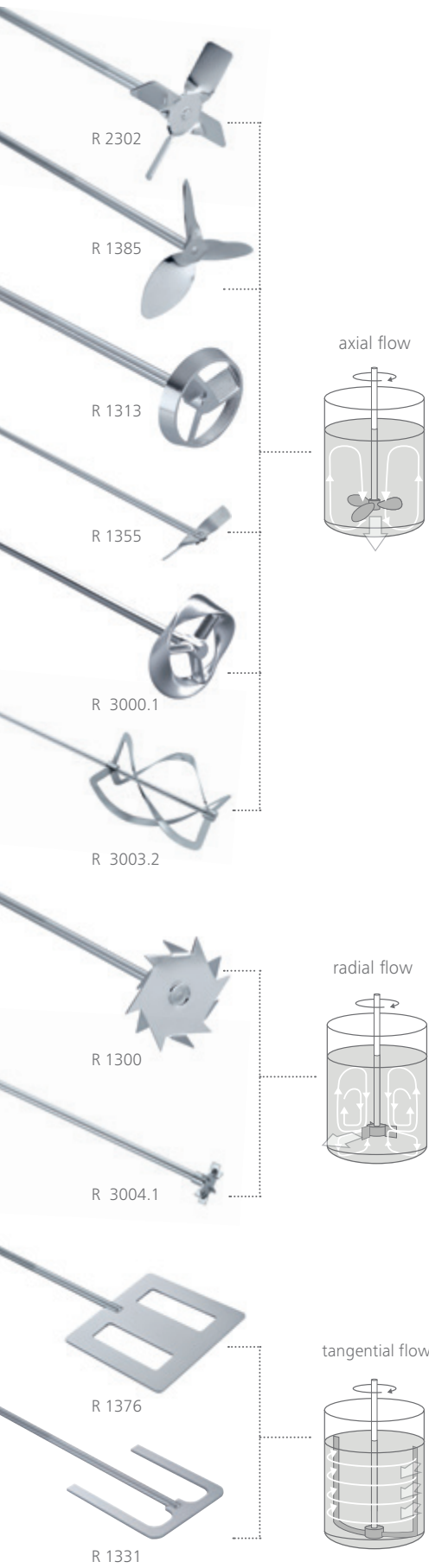


RW 47 digital

EUR 5.568,00
Ident. No. 0004050000



TECHNICAL DATA	RW 20 DIGITAL	RW 28 DIGITAL	RW 47 DIGITAL
Stirring quantity max. (H ₂ 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
Viscosity max.	10 000 mPas	50 000 mPas	100 000 mPas
Torque max. at stirring shaft	I: 150 Ncm II: 24 Ncm	I: 900 Ncm II: 300 Ncm	I: 3000 Ncm II: 620 Ncm
Chuck range diameter	0,5 – 10 mm	1 – 10 mm	3 – 16 mm
Display	LED	LED	LED
Dimensions (W x H x D)	88 x 294 x 212 mm	123 x 364 x 252 mm	145 x 465 x 358 mm
Protection class according to DIN EN 60529	IP 20	IP 40	IP 54



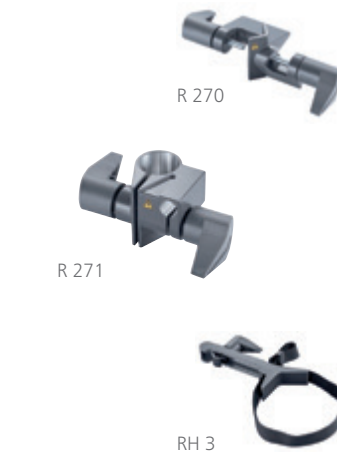
Product	Shaft length Shaft diameter Stirrer diameter	Max. speed	Ident. No.	Price
PROPELLER STIRRERS, 4-BLADED				
R 1342	350 8 50 mm	≤ 2000 rpm	0000741000	EUR 136,00
R 1345	550 8 100 mm	≤ 800 rpm	0000741300	EUR 168,00
R 2302	800 13 150 mm	≤ 600 rpm	0000739000	EUR 593,00
PROPELLER STIRRERS, 3-BLADED				
R 1381	350 8 45 mm	≤ 2000 rpm	0001296000	EUR 274,00
R 1382	350 8 55 mm	≤ 2000 rpm	0001295900	EUR 286,00
R 1385	550 10 140 mm	≤ 800 rpm	0000477700	EUR 274,00
R 1388	800 10 140 mm	≤ 400 rpm	0000477800	EUR 328,00
R 1389*	350 8 75 mm	≤ 800 rpm	0002343600	EUR 498,00
TURBINE STIRRERS				
R 1311	350 8 30 mm	≤ 2000 rpm	0002332900	EUR 185,00
R 1312	350 8 50 mm	≤ 2000 rpm	0002333000	EUR 236,00
R 1313	400 10 70 mm	≤ 800 rpm	0002333100	EUR 288,00
CENTRIFUGAL STIRRERS				
R 1352	350 8 60/15 mm	≤ 2000 rpm	0000756900	EUR 154,00
R 1355	550 8 100/24 mm	≤ 800 rpm	0001132700	EUR 205,00
DISSOLVER STIRRERS				
R 1300	350 8 80 mm	≤ 2000 rpm	0000513500	EUR 243,00
R 1302	350 10 100 mm	≤ 1000 rpm	0002387900	EUR 514,00
R 1303	350 8 40 mm	≤ 2000 rpm	0002746700	EUR 381,00
PADDLE STIRRERS				
R 1375	550 8 70 mm	≤ 800 rpm	0000757700	EUR 164,00
R 1376	550 10 150 mm	≤ 800 rpm	0000757800	EUR 328,00
R 2311	800 13 150 mm	≤ 600 rpm	0000739500	EUR 545,00
ANCHOR STIRRERS				
R 1330	350 8 45 mm	≤ 1000 rpm	0002022300	EUR 350,00
R 1331	350 8 90 mm	≤ 1000 rpm	0002022400	EUR 423,00
R 1333	550 10 150 mm	≤ 800 rpm	0002747400	EUR 689,00
MOEBIUS STIRRERS				
R 3000.1	565 10 100 mm	≤ 800 rpm	0020001192	EUR 381,00
R 3001.1	575 10 100 mm	≤ 800 rpm	0020001195	EUR 401,00
SPIRAL STIRRERS				
R 3003	350 8 50 mm	≤ 800 rpm	0020001203	EUR 308,00
R 3003.1	550 10 100 mm	≤ 800 rpm	0020001204	EUR 442,00
R 3003.2	800 10 150 mm	≤ 800 rpm	0020001205	EUR 566,00
BLADE STIRRERS				
R 3004	359 8 30 mm	≤ 1000 rpm	0020001206	EUR 267,00
R 3004.1	565 10 50 mm	≤ 1000 rpm	0020001207	EUR 370,00
R 3004.2	819 10 70 mm	≤ 1000 rpm	0020001208	EUR 473,00
PADDLE STIRRERS SCREW-TYPE STIRRERS				
R 1001	160 4 34 mm	2000 rpm	0000527400	EUR 144,00
R 1002	140 4 12 mm	2000 rpm	0000527500	EUR 123,00

* (PTFE-coated)

NANO-STAR 7.5 digital	MICRO-STARS digital control	MINI-STARS digital control	EUROSTAR 20 40 digital	EUROSTAR 60 digital control	EUROSTAR 100 digital control	EUROSTAR 200 digital control	EUROSTAR 400 digital control	EUROSTAR 100 & 200 control P4	RW 20 digital	RW 28 digital	RW 47 digital
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	++
-	-	-	-	-	-	-	++	-	-	-	++
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	-	-	++	++	++	-	++	++
-	-	-	-	-	-	++	++	-	-	++	++
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	-
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	++
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
+	+	+	+	++	++	++	++	++	-	++	-
-	-	-	-	-	-	++	++	++	-	++	++
-	-	-	-	-	-	-	++	-	-	-	++
++	++	++	++	++	++	++	++	++	++	-	-
-	-	-	-	++	++	++	++	++	-	++	-
-	-	-	-	-	-	++	++	++	-	++	++
-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	++	++	++	++
+	+	+	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	-	-	+	+	++	-	-	++	++
++	++	++	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	-	++	++	++
++	++	++	++	+	+	+	+	+	++	-	-
++	++	++	++	+	+	+	+	+	++	-	-

++ IKA recommended | + Installable | - Not compatible

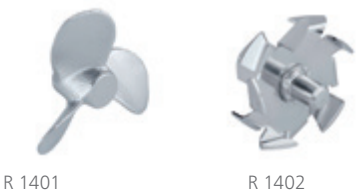
			NANOSTAR digital	MICRO- STARS digital control	MINISTARS digital control
Product	Ident. No.	Price			
TEMPERATURE SENSORS					
H 67.60 stainless steel	0025006664	EUR 133,00	–	control	control
H 67.61 stainless steel	0025007920	EUR 195,00	–	control	control
H 68.55 stainless steel	0025007921	EUR 253,00	–	control	control
H 70 extension cable	0002735600	EUR 183,00	–	control	control
SENSORS IN COMBINATION WITH H 70					
H 62.51 stainless steel	0002735451	EUR 180,00	–	control	control
H 66.51 glass-coated	0002735551	EUR 264,00	–	control	control
H 66.53 coated	0004499900	EUR 211,00	–	control	control
STANDS					
Plate stands					
IKA [scale]	0025004318	EUR 741,00	++	++	++
R 1825	0003160000	EUR 262,00	++	++	++
R 1826	0003160100	EUR 288,00	++	++	++
R 1827	0003160200	EUR 308,00	++	++	++
H-stand					
R 2722	0001412000	EUR 675,00	–	++	++
Telescopic stands					
R 2723	0001412100	EUR 1.251,00	–	++	++
R 474	0001643000	EUR 1.647,00	–	–	–
Floor stands					
R 472	0000738700	EUR 3.501,00	–	–	–
R 2850	0020002900	EUR 2.574,00	–	–	–
R 6547 H	0020018378	EUR 7.312,00	–	–	–
R 6547 E 400V	0020018384	EUR 12.462,00	–	–	–



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 20 40 digital	EUROSTAR 60 digital control	EUROSTAR 100 digital control	EUROSTAR 200 digital control	EUROSTAR 400 digital control	EUROSTAR 100 & 200 control P4	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	–	–	–
–	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	–	–	–
–	control	control	control	control	++	control	–	–	–
++	+	–	–	–	–	–	++	–	–
++	+	+	–	–	–	–	++	–	–
++	+	+	–	–	–	–	++	–	–
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++	++	++	++	++	++	++	++	++	–
++	++	++	++	++	++	++	++	++	–
–	–	–	–	–	–	–	–	–	++
–	–	++	++	++	++	–	–	++	–
–	–	–	–	–	–	–	–	–	++
–	–	–	–	–	–	–	–	–	++

++ IKA recommended | + Installable | – Not compatible



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	EUR 236,00
R 1405	Propeller, Ø 45 mm	0001289800	EUR 190,00
R 1402	Dissolver, Ø 42 mm	0001243300	EUR 264,00
ACCESSORIES FOR PROTECTION AND SAFETY			
R 301	Stirring shaft protection	0002603000	EUR 164,00
R 301.1	Support holder for R 301	0002604000	EUR 195,00
R 303	Stirring shaft protection	0030000257	EUR 391,00
SI 400	Safety switch	0003294800	EUR 865,00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	EUR 813,00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	EUR 370,00
FURTHER ACCESSORIES			
WH 11	Wall mount for WiCo	0025001500	EUR 26,00
FK 1	Flexible coupling	0002336000	EUR 278,00
R 60	Keyless chuck	0003889500	EUR 72,00
R 60.1	Keyless chuck	0025007821	EUR 72,00

LABORATORY SOFTWARE
labworldsoft® 6 Starter

EUR 4.017,00
Ident. No. 0020019397

labworldsoft® 6 Pro

EUR 9.167,00
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.

Mixing, heating, cooling – It’s no longer a question of “either/or”. The powerful MATRIX thermoshakers can do everything you need. You can achieve optimal mixing results with the smallest of volumes, whether it’s blood samples, pharmaceutical agents, DNA / RNA samples or ELISA assays. In combination with IKA incubation shakers, centrifuges, pipettes and the Dry Block Heater, our thermoshakers facilitate an optimum workflow in the field of Sample Handling, Liquid Handling and Cell Handling.

MATRIX ORBITAL DELTA PLUS

/// The thermoshaker with cooling feature

The MATRIX Orbital Delta Plus is the youngest member of the MATRIX family. This thermoshaker mixes, heats and cools samples in the milliliter range. This simultaneity ensures particularly good mixing and shorter reaction times. A speed range of up to 3000 rpm and a 3 mm shaking stroke contribute to controlled, rapid and even mixing to the most challenging samples.



AWARD-WINNING DESIGN

The MATRIX Orbital Delta Plus has been awarded the coveted German Design Award 2021. That’s because it is designed to sit on a sturdy mount, even with its minimal footprint. Its clear shape, smooth surface and inventive layout not only make this thermoshaker look good, but also makes it easier to use – as per the well-known IKA menu navigation.

SIMPLY USER-FRIENDLY

There are countless attachments available for the MATRIX Orbital Delta Plus, all of which can be changed quickly and easily. The special attachment fixing system improves temperature transfer and the outer plastic casing ensures the users don’t burn their fingers..

ACCESSORIES FOR LIFE SCIENCE APPLICATIONS

All of the equipment in the IKA MATRIX range can be combined with the most varied of micro-titration plates, deep well plates, Eppendorf reaction vessels, PCR strips, Greiner tubes, micro-plates and cuvettes. The IKA ThermoCover prevents the formation of condensation on the vessel cover, meaning that the sample concentration remains constant. And a temperature sensor in the attachment ensures both accuracy and homogeneity.

Matrix Orbital

EUR 1.699,00

Ident. No. 0030000627



① **Matrix Orbital Δ FP**

EUR 2.299,00

Ident. No. 0030000751

② **Matrix Orbital Δ F0.5**

EUR 2.299,00

Ident. No. 0030000747

③ **Matrix Orbital Δ F1.5**

EUR 2.299,00

Ident. No. 0030000750

④ **Matrix Orbital Δ F2.0**

EUR 2.299,00

Ident. No. 0030000753

Mixing & heating



TECHNICAL DATA	MATRIX ORBITAL	MATRIX ORBITAL Δ FP F0.5 F1.5 F2.0
Type of movement	Orbital	Orbital
Speed range	300 – 3000 rpm	FP F0.5: 300 – 2000 rpm F1.5 F2.0: 300 – 1500 rpm
Shaking stroke	3 mm	3 mm
Heating range	–	RT + 4 °C – 100 °C
Permissible shaking weight (incl. attachment)	0,3 kg	0,3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W x H x D)	198 x 124 x 318 mm	FP: 216 x 147 x 351 mm F0.5: 216 x 149 x 351 mm F1.5 / 2.0: 216 x 158 x 351 mm
Protection class according to DIN EN 60529	IP 21	IP 21

Matrix Δ+

EUR 1.699,00
Ident. No. 0030000717

Heating & cooling



Matrix Orbital Δ+

EUR 2.399,00
Ident. No. 0030000731

Mixing, heating & cooling

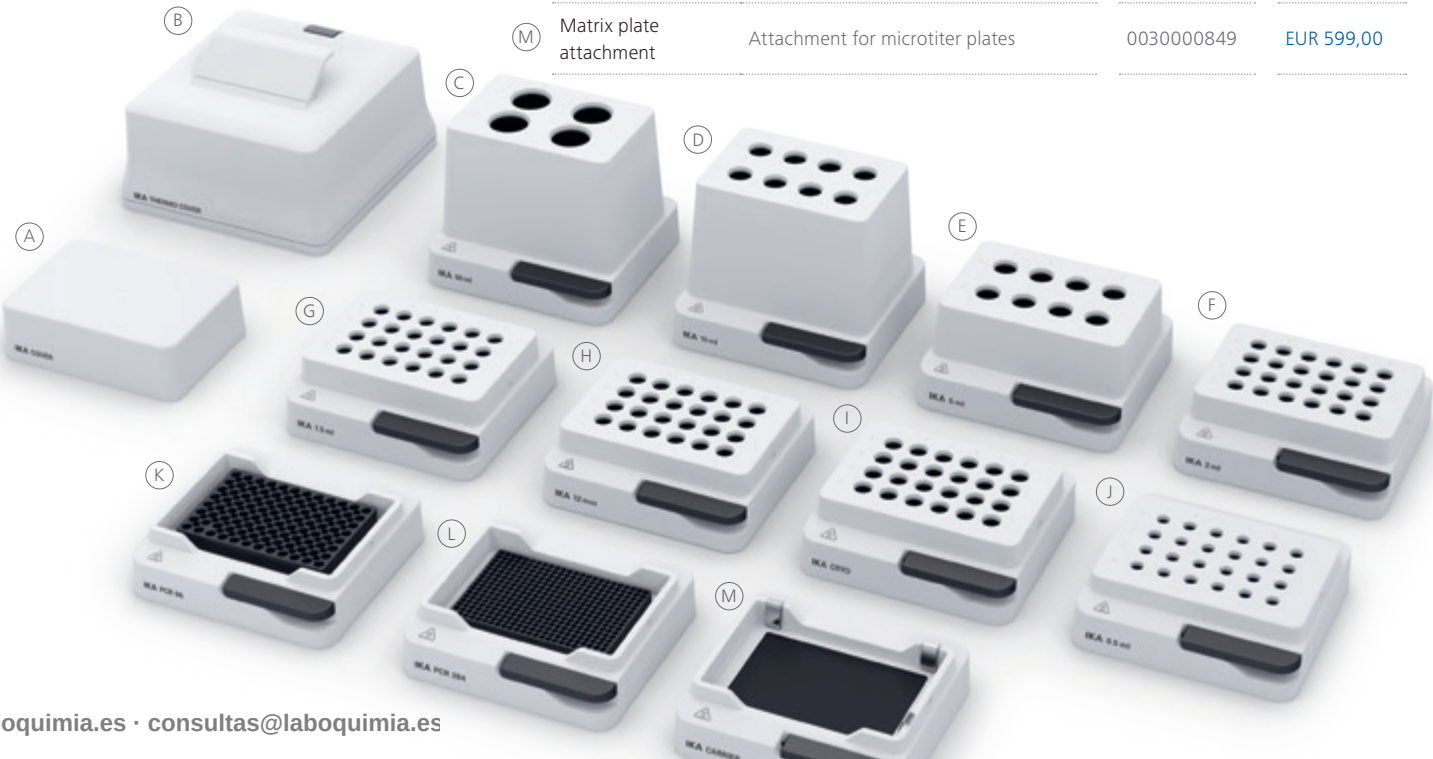


TECHNICAL DATA

	MATRIX Δ+	MATRIX ORBITAL Δ+
Type of movement	—	Orbital
Speed range	—	300 – 3000 rpm
Shaking stroke	—	3 mm
Heating range	RT -30 °C – 110 °C	RT -15 °C – 100 °C
Permissible shaking weight (incl. attachment)	0,3 kg	0,3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W x H x D)	216 x 127 x 351 mm	216 x 127 x 351 mm
Protection class according to DIN EN 60529	IP 21	IP 21



Product	Description	Ident. No.	Price
ACCESSORIES THERMOSHAKERS			
(A) Matrix Cover	Cover	0030001253	EUR 99,00
(B) Matrix Thermo Cover	Cover, heatable	0030001244	EUR 499,00
(K) Matrix PCR 96 attachment	Attachment for 96 PCR plates	0030000853	EUR 599,00
(L) Matrix PCR 384 attachment	Attachment for 384 PCR plates	0030000857	EUR 599,00
(J) Matrix 0,5 ml attachment	Attachment for vials, 24 x 0,5 ml vials	0030000840	EUR 499,00
(G) Matrix 1,5 ml attachment	Attachment for vials, 24 x 1,5 ml vials	0030000829	EUR 499,00
(F) Matrix 2,0 ml attachment	Attachment for vials, 24 x 2,0 ml vials	0030000834	EUR 499,00
(E) Matrix 5 ml attachment	Attachment for vials, 8 x 5 ml vials	0030000859	EUR 499,00
(H) Matrix 12 mm attachment	Attachment for vials, 24 x 12 mm vials	0030000844	EUR 499,00
(D) Matrix 15 ml attachment	Attachment for vials, 8 x 15 ml vials	0030000821	EUR 499,00
(C) Matrix 50 ml attachment	Attachment for vials, 4 x 50 ml vials	0030000863	EUR 499,00
(I) Matrix Cryo attachment	Attachment for vials, 24 x cryo vials	0030000848	EUR 499,00
(3) Matrix 0,5 ml insert	Insert for 0,5 ml vials	0030001157	EUR 39,00
(2) Matrix 1,5 / 2,0 ml insert	Insert for 1,5 / 2,0 ml vials	0030001158	EUR 39,00
(1) Matrix PCR insert	Insert for 0,2 ml PCR vials	0030001159	EUR 39,00
(M) Matrix plate attachment	Attachment for microtiter plates	0030000849	EUR 599,00

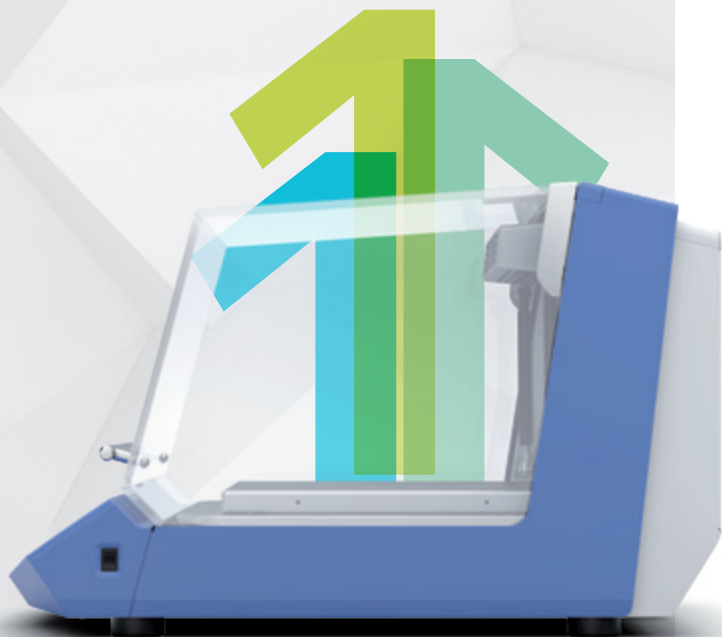


Shaken, not stirred. At IKA, experience and passion for the laboratory shaker go back nearly 100 years. Today we cover the entire range of motion in mixing technology. In combination with innovative automation, high-quality materials and ergonomic design, people rock, roll, turn and shake with us.

KS 3000 IC CONTROL

/// Incubation shaker

The KS 3000 ic control is a universal benchtop incubation shaker. It mixes and incubates, making it ideal for cultivating cells, bacterial suspensions, hybridization, staining and decolorizing, and metabolic studies. In addition to experiments with biological cultures, it is also ideal for solubility studies, extraction processes and general mixing processes.



VERSATILE – THANKS TO ITS MANY ACCESSORIES

Under its hood, the KS 3000 ic control offers you a world of options: Countless attachments, flasks, bowls and vessels make this simple device so versatile and make it stand out among incubation shakers.

HEAVY SHAKING WEIGHT

With a shaking weight of 7.5 kg, which is a lot for its compact size, the KS 3000 ic control is an extremely powerful laboratory shaker.

TEMPERATURE CONTROL WITHIN THE MEDIUM

KS 3000 ic control not only has a heat exchanger, it also has a sensor in the medium. This allows the temperature to be set directly within the sample.

① **KS 3000 i control**
EUR 5.148,00
Ident. No. 0003940000

② **KS 3000 ic control**
EUR 6.178,00
Ident. No. 0003940100



KS 3000 ic with built-in cooling coil

① **KS 4000 i control**
EUR 6.230,00
Ident. No. 0003510000

② **KS 4000 ic control**
EUR 7.260,00
Ident. No. 0003510100



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
Timer display	7 segment LED	7 segment LED
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

① **ROCKER 2D basic**
EUR 823,00
Ident. No. 0004002000

② **ROCKER 2D digital**
EUR 875,00
Ident. No. 0004003000

① **ROCKER 3D basic**
EUR 875,00
Ident. No. 0004000000

② **ROCKER 3D digital**
EUR 926,00
Ident. No. 0004001000

① **ROLLER 6 basic**
EUR 1.390,00
Ident. No. 0004010000

② **ROLLER 6 digital**
EUR 1.441,00
Ident. No. 0004011000

① **ROLLER 10 basic**
EUR 1.699,00
Ident. No. 0004012000

② **ROLLER 10 digital**
EUR 1.750,00
Ident. No. 0004013000

Adjustable shaking angle: 2.5 – 15°

Removable rolls



TECHNICAL DATA	ROCKER 2D BASIC DIGITAL	ROCKER 3D BASIC DIGITAL	ROLLER 6 BASIC DIGITAL	ROLLER 10 BASIC DIGITAL
Type of movement	Rocking	Tumbling	Rocking and rolling	Rocking and rolling
Speed range	0 – 80 rpm	30 rpm 0 – 80 rpm	30 rpm 0 – 80 rpm	30 rpm 0 – 80 rpm
Timer display	– 7 segment LED	– 7 segment LED	– 7 segment LED	– 7 segment LED
Speed display	– 7 segment LED	– 7 segment LED	– 7 segment LED	– 7 segment LED
Operating mode	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation
Dimensions (W × H × D)	280 × 150 × 330 mm	280 × 165 × 330 mm 280 × 185 × 330 mm	240 × 115 × 545 mm	380 × 115 × 545 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

SHAKERS | Rotating / Overhead / Orbital

51

① **Loopster basic**
EUR 741,00
Ident. No. 0004015000

② **Loopster digital**
EUR 795,00
Ident. No. 0004016000

① **Hula Dancer basic**
EUR 299,00
Ident. No. 0025004320

② **Hula Dancer digital**
EUR 349,00
Ident. No. 0025003634

① **Trayster basic**
EUR 823,00
Ident. No. 0004005000

② **Trayster digital**
EUR 875,00
Ident. No. 0004006000

① **MS 3 basic**
EUR 566,00
Ident. No. 0003617000

② **MS 3 digital**
EUR 772,00
Ident. No. 0003319000

③ **MS 3 control**
EUR 823,00
Ident. No. 0020016017

Different attachments allow a variety of applications

TECHNICAL DATA	LOOPSTER BASIC DIGITAL	TRAYSTER BASIC DIGITAL	HULA DANCER BASIC DIGITAL	MS 3 BASIC DIGITAL CONTROL
Type of movement	Rotating	Overhead	Orbital	Orbital
Permissible shaking weight (incl. attachment)	2 kg	2 kg	0,1 kg	0,5 kg
Speed range	20 rpm 0 – 80 rpm	20 rpm 0 – 80 rpm	2800 rpm 1200 – 2800 rpm	200– 3000 rpm 200 – 3000 rpm 100 – 3000 rpm
Timer display	– 7 segment LED	– 7 segment LED	– –	– 7 segment LED LCD
Operating mode	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation	–	Continuous operation Timer and continuous operation Timer and continuous operation
Dimensions (W × H × D)	300 × 360 × 300 mm	460 × 180 × 140 mm	123 × 42 × 123 mm	148 × 63 × 205 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 42	IP 21

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VORTEX 2

EUR 243,00
Ident. No. 0025000258



VORTEX 3

EUR 381,00
Ident. No. 0003340000



HANDS FOR CHILDREN

The aid project HANDS FOR CHILDREN was created in 2000 by IKA owner and Managing Director René Stieglmann. In the context of this voluntary initiative, retired IKA employees assemble laboratory equipment free-of-charge, so that the proceeds can be used for children's charity programs. More than 2000 voluntary hours per year are used for the benefit of medical care for disabled children in Uganda and for schooling programs in Tanzania, for example.

TECHNICAL DATA	VORTEX 2	VORTEX 3
Type of movement	Orbital	Orbital
Speed range	500 – 2500 rpm	0 – 2500 rpm
Timer	No	No
Speed display	Scale	Scale (0-6)
Operating mode	Continuous / touch operation	Continuous / touch operation
Permissible shaking weight (incl. attachment)	0,4 kg	0,4 kg
Dimensions (W x H x D)	120 x 140 x 138 mm	127 x 136 x 149 mm
Protection class according to DIN EN 60529	IP 21	IP 21

VORTEX 1

EUR 308,00
Ident. No. 0004047700



MTS 2/4 digital

EUR 1.590,00
Ident. No. 0003208000

For shaking two or four microtiter plates



VXR basic Vibrax®

EUR 1.493,00
Ident. No. 0002819000



lab dancer

EUR 205,00
Ident. No. 0003365000



TECHNICAL DATA	VORTEX 1	VXR BASIC VIBRAX®	MTS 2/4 DIGITAL	LAB DANCER
Type of movement	Orbital	Orbital	Orbital	Orbital
Speed range	1000 – 2800 rpm	100 – 2200 rpm	50 – 1100 rpm	2800 rpm
Timer	–	–	Yes	–
Speed display	–	Scale	Scale	–
Operating mode	Touch operation	Continuous operation	Timer and continuous operation	Touch operation
Permissible shaking weight (incl. attachment)	0,1 kg	2 kg	1 kg; 2/4 MT-plates	0,1 kg
Dimensions (W x H x D)	95 x 70 x 110 mm	157 x 130 x 247 mm	185 x 105 x 320 mm	100 x 70 x 100 mm
Protection class according to DIN EN 60529	IP 40	IP 21	IP 21	IP 40

- 1

KS 130 basic

EUR 1.544,00

Ident. No. 0002980000
- 2

KS 130 control

EUR 2.265,00

Ident. No. 0002980100
- 3

KS 130 control NOL

EUR EUR 2.265,00

Ident. No. 0004278200



BESTSELLER

- 1

KS 260 basic

EUR 2.471,00

Ident. No. 0002980200
- 2

KS 260 control

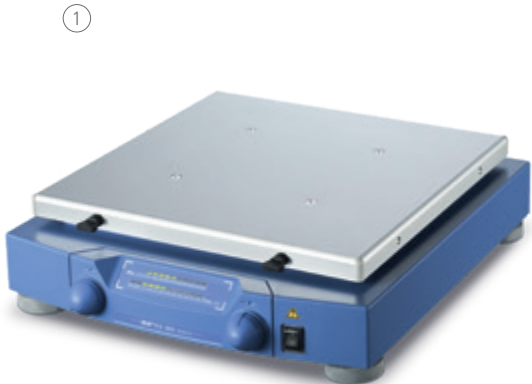
EUR 3.089,00

Ident. No. 0002980300
- 3

KS 260 control NOL

EUR 3.089,00

Ident. No. 0004278400



TECHNICAL DATA	KS 130 BASIC CONTROL	KS 260 BASIC CONTROL
Type of movement	Orbital	Orbital
Shaker diameter	4 mm	10 mm
Permissible shaking weight (incl. attachment)	2,0 kg	7,5 kg
Speed range	80 – 800 rpm	50 – 500 rpm 10 – 500 rpm
Timer display	LED line LCD	LED line LCD
Speed display	LED line LCD	LED line LCD
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W x H x D)	270 x 98 x 316 mm	360 x 98 x 420 mm
Protection class according to DIN EN 60529	IP 21	IP 21

- 1

HS 260 basic

EUR 2.471,00

Ident. No. 0003066600
- 2

HS 260 control

EUR 3.089,00

Ident. No. 0003066700
- 3

HS 260 control NOL

EUR 3.089,00

Ident. No. 0004278600



15 kg permissible
shaking weight

- 1

HS 501 digital

EUR 4.583,00

Ident. No. 0025002982
- 2

KS 501 digital

EUR 4.583,00

Ident. No. 0025002985



TECHNICAL DATA	HS 260 BASIC CONTROL	HS 501 DIGITAL KS 501 DIGITAL
Type of movement	Reciprocating	Reciprocating Orbital
Shaker diameter	20 mm	30 mm
Permissible shaking weight (incl. attachment)	7,5 kg	15 kg
Speed range	20 – 300 rpm 10 – 300 rpm	0 – 300 rpm
Timer display	LED line LCD	Scale
Speed display	LED line LCD	7 segment LED
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W x H x D)	360 x 100 x 420 mm	505 x 120 x 585 mm
Protection class according to DIN EN 60529	IP 21	IP 21



RD 1



TB 1



TB 3



DS 2
Tube attachment



DS 4
Tube attachment



DS 6.1



DS 6.2



DS 6.3



DS 6.4



TR 1



TR 2



TR 3



TR 4

Product	Description	Ident. No.	Price
ACCESSORIES ROCKER			
A 2	Second level attachment	0004581700	EUR 64,00
RD 1	Universal mat	0004532000	EUR 20,00
RD 2	Burled mat	0004532100	EUR 22,00
TB 1	Tray, 24 x 5 ml, Ø 12 mm	0004532200	EUR 35,00
TB 2	Tray, 12 x 15 ml, Ø 16 mm	0004532300	EUR 35,00
TB 3	Tray, 10 x 30 ml, Ø 25 mm	0004532400	EUR 35,00
TB 4	Tray, 8 x 30 ml, Ø 28 mm	0004532500	EUR 35,00

ACCESSORIES LOOPSTER			
DS 1	Tube attachment, 48 x 1,5 ml, Ø 10 mm	0004524000	EUR 192,00
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	EUR 137,00
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	EUR 137,00
DS 4	Tube attachment, 2 x 30 ml, Ø 25 mm	0004524300	EUR 137,00
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	EUR 137,00
DS 6	Universal disc	0004524500	EUR 117,00
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	EUR 35,00
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	EUR 35,00
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	EUR 35,00
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	EUR 35,00
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	EUR 35,00

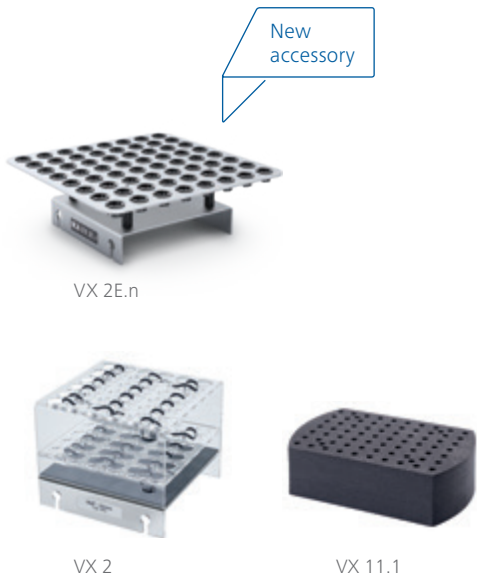
ACCESSORIES TRAYSTER			
TR 1	Tube insert, 24 x 1,5 ml, Ø 10 mm	0004525100	EUR 42,00
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	EUR 42,00
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	EUR 42,00
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	EUR 42,00



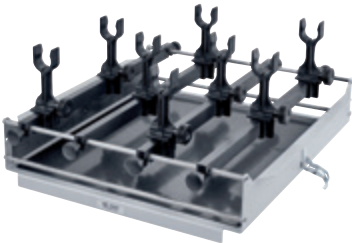
Product	Description	Ident. No.	Price
ACCESSORIES MS 3 BASIC DIGITAL CONTROL			
MS 3.1	Standard attachment	0003426300	EUR 16,00
MS 3.3	Universal attachment	0003426600	EUR 16,00
MS 1.21	One-hand insert	L001540	EUR 23,00
MS 1.30	Attachment for 0,5 ml tubes	0025005776	EUR 48,00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	EUR 50,00
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	EUR 50,00
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	EUR 50,00
MS 1.34	Test tube insert	L001830	EUR 24,00
MS 3.4	Microtiter plate attachment	0003426400	EUR 50,00
MS 3.5	PCR plate attachment, 96-well	0003428000	EUR 50,00



ACCESSORIES VORTEX 2 VORTEX 3			
VG 3.1	Standard attachment	0003341200	EUR 11,00
VG 3.2	One-hand attachment	0003342300	EUR 23,00
VG 3.21	Rubber mat	0020008398	EUR 20,00
VG 3.3	Universal attachment, 150 mm	0003342400	EUR 25,00
VG 3.30	Attachment for PCR-tubes, 0,2 ml	0025005779	EUR 31,00
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	EUR 60,00
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	EUR 31,00
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	EUR 31,00
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	EUR 31,00
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	EUR 31,00
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	EUR 31,00
VG 3.37	Microtiter plate attachment	0003344400	EUR 31,00



Product	Description	Ident. No.	Price
ACCESSORIES VXR			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	EUR 95,00
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	EUR 392,00
VX 2E.n	Eppendorf attachment, 64 × 1,5 ml	0020018016	EUR 381,00
VX 7	Dish attachment	0000953300	EUR 277,00
VX 8	Universal attachment	0000910400	EUR 666,00
VX 11	Basic holder	0003627700	EUR 144,00
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	EUR 144,00
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	EUR 144,00
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	EUR 110,00
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	EUR 110,00
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	EUR 99,00
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	EUR 99,00
VX 8.1	Clamping roll	0003375400	EUR 37,00



ACCESSORIES KS 130 BASIC CONTROL			
AS 130.1	Universal attachment	0008017300	EUR 332,00
AS 130.2	Fixing clip attachment	0003115000	EUR 100,00
AS 130.3	Dish attachment	0003120000	EUR 95,00
AS 130.4	Test tube attachment	0003120300	EUR 224,00
ACCESSORIES KS HS 260 BASIC CONTROL AND KS 3000			
AS 260.1	Universal attachment	0008017400	EUR 555,00
AS 260.2	Fixing clip attachment	0003115500	EUR 143,00
AS 260.3	Dish attachment	0003120600	EUR 120,00
AS 260.5	Separating funnel attachment	0003120900	EUR 578,00
ACCESSORIES KS HS 501 DIGITAL			
AS 501.1	Universal attachment	0008000200	EUR 1.669,00
AS 501.2	Separating funnel attachment	0008000300	EUR 1.780,00
AS 501.3	Separating funnel attachment	0008000400	EUR 1.446,00
AS 501.4	Fixing clip attachment	0002341100	EUR 1.111,00
AS 501.5	Dish attachment	0002339600	EUR 222,00
AS 501.6	Separating funnel attachment	0008000500	EUR 2.560,00



Product	Description	Ident. No.	Price
ACCESSORIES KS 4000 I IC CONTROL			
AS 4000.1	Universal attachment	0008022200	EUR 886,00
AS 4000.2	Fixing clip attachment	0003710100	EUR 740,00
AS 4000.3	Dish attachment	0003710000	EUR 194,00
AS 1.400	Basic holder for AS 4000.1	0003710200	EUR 507,00
AS 1.401	Clamping roll for AS 4000.1	0003712000	EUR 49,00
AS 1.402	Fastening screw for AS 4000.1	0003712300	EUR 8,00
ACCESSORIES			
AS 1.30	Basic holder for AS 130.1	0003148000	EUR 281,00
AS 1.60	Basic holder for AS 260.1	0003149000	EUR 507,00
AS 1.10	Basic holder for AS 501.1	0002339700	EUR 751,00
AS 1.31	Clamping roll for AS 130.1	0003030500	EUR 30,00
AS 1.61	Clamping roll for AS 260.1	0003030501	EUR 38,00
AS 1.11	Clamping roll for AS 501.1	0002339800	EUR 70,00
AS 1.6	Clamping device for AS 501.1	0001268400	EUR 48,00
AS 1.7	Clamping device for AS 501.1	0001269200	EUR 68,00
AS 1.12	Supporting bar for AS 1.10	0002594500	EUR 139,00
AS 1.13	Ground section holder for AS 1.10	0002597000	EUR 134,00
STICKMAX	Universal adhesive mat	0003920000	EUR 51,00
AS 2.0	Fixing clips, 10 ml	0020016475	EUR 46,00
AS 2.1	Fixing clips, 25 ml	0001234300	EUR 24,00
AS 2.2	Fixing clips, 50 ml	0001234400	EUR 24,00
AS 2.3	Fixing clips, 100 ml	0001234500	EUR 24,00
AS 2.4	Fixing clips, 200 250 ml	0001234600	EUR 46,00
AS 2.5	Fixing clips, 500 ml	0001234700	EUR 46,00
AS 2.6	Fixing clips, 1000 ml	0003819300	EUR 46,00
AS 2.7	Fixing clips, 2000 ml	0020016476	EUR 65,00

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 – 25 000 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 brush-less 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

EUR 649,00
Ident. No. 0003646000



ULTRA-TURRAX® Tube Drive
P control Workstation

EUR 1.349,00
Ident. No. 0025005836



ULTRA-TURRAX® Tube Drive
P control

EUR 1.299,00
Ident. No. 0025005981



TECHNICAL DATA	UTTD® TUBE DRIVE	UTTD® TUBE DRIVE P CONTROL	UTTD® TUBE DRIVE P CONTROL WORKSTATION
Process type	Batch	Batch	Batch
Speed range	300 – 6000 rpm	400 – 8000 rpm	400 – 8000 rpm
Timer	–	OLED	OLED
Noise without element	50 dB(A)	50 dB(A)	50 dB(A)
Reversible direction of rotation	–	Yes	Yes
Viscosity max.	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	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



Product	Description	Ident. No.	Price
ST TUBES WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	EUR 184,00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs., membrane lid	0003700500	EUR 205,00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	EUR 91,00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	EUR 144,00



DT TUBES WITH ROTOR-STATOR ELEMENT			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	EUR 191,00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	EUR 226,00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	EUR 164,00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	EUR 102,00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	EUR 164,00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	EUR 92,00



BMT G S TUBES 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	EUR 205,00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	EUR 205,00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	EUR 236,00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	EUR 236,00
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs.	0020019573	EUR 696,00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	EUR 123,00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	EUR 123,00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	EUR 175,00



Product	Description	Ident. No.	Price
TUBES WITH DISSOLVER ELEMENT AND MEMBRANE LID			
DIS-50-S-M.10	Tube with dissolver blade, 50 ml, 10 pcs., stainless steel	0020016316	EUR 99,00
DIS-50-T-M.10	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	EUR 119,00
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	EUR 149,00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	EUR 729,00

TUBES WITH DISSOLVER ELEMENT			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	EUR 154,00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	EUR 751,00

COVERS			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	EUR 52,00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	EUR 33,00

BALLS FOR BMT TUBE			
Glass balls 6	Glass balls, 250 g	0003599200	EUR 51,00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	EUR 51,00



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 United Kingdom, Switzerland, Spain, Malta, Luxembourg, Liechtenstein, Italy, Ireland, Iceland, Germany, France, Estonia, Belgium, Austria.

T 10 basic ULTRA-TURRAX®

EUR 1.272,00
Ident. No. 0003737000



T 18 digital ULTRA-TURRAX®

EUR 1.378,00
Ident. No. 0003720000



T 25 digital ULTRA-TURRAX®

EUR 2.014,00
Ident. No. 0003725000



T 50 digital ULTRA-TURRAX®

EUR 3.206,00
Ident. No. 0003787000



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 ₂ 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

EUR 2.120,00
Ident. No. 0025002560



T 25 easy clean control

EUR 2.439,00
Ident. No. 0025002500



Patented integrated
temperature
measurement

T 65 basic ULTRA-TURRAX®

EUR 4.736,00
Ident. No. 0004023500



T 65 digital ULTRA-TURRAX®

EUR 8.070,00
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 ₂ 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 18 N - 19 G



S 18 | 25 - ET50

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	EUR 1.338,00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	EUR 1.338,00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	EUR 1.235,00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	EUR 1.235,00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	EUR 1.235,00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	EUR 411,00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	EUR 463,00

DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	EUR 995,00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	EUR 995,00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	EUR 247,00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	EUR 247,00
S 18 25-ET50	Disposable tube	0003452500	EUR 6,00



S 25 N - 18 G - ST



S 25 KV - 2802



S 25 KV - 25 F



S 25 D - 14 G - KS



S 25 KD - 25 G - ST

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 25 DIGITAL			
S 25 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446900	EUR 1.390,00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	EUR 1.081,00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	EUR 1.086,00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	EUR 1.390,00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	EUR 1.372,00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	EUR 1.029,00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	EUR 1.029,00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	EUR 1.956,00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	EUR 1.316,00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	EUR 2.059,00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	EUR 1.390,00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	EUR 2.162,00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	EUR 1.994,00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	EUR 247,00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	EUR 247,00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	EUR 1.338,00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	EUR 1.602,00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	EUR 1.390,00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	EUR 1.659,00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	EUR 1.699,00
S 25 KD - LR - 25 G	Dispersing element, Ø 25 mm	0025007321	EUR 1.802,00
S 25 KD - LR - 25 F	Dispersing element, Ø 25 mm	0025007322	EUR 1.853,00
Silentstream	Flow breaker	0003754000	EUR 19,00
S 18 25-ET50	Disposable tube	0003452500	EUR 6,00
TS 25-3	Cleaning tool	0020003013	EUR 92,00
CT.15	Cleaning tube	0020006595	EUR 124,00



Silentstream



TS 25-3



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 25 EASY CLEAN DIGITAL AND CONTROL			
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature measurement	0020007032	EUR 1.484,00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	EUR 1.325,00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	EUR 1.378,00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	EUR 1.272,00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	EUR 1.537,00
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	EUR 1.590,00
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	EUR 79,00
WICO	Wireless remote control	0025006310	EUR 587,00

DISPERSING ELEMENTS FOR T 50 DIGITAL			
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	EUR 4.066,00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	EUR 4.066,00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	EUR 4.335,00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	EUR 4.481,00
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	EUR 2.685,00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	EUR 2.954,00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	EUR 3.100,00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	EUR 2.685,00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	EUR 3.607,00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	EUR 3.607,00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	EUR 3.876,00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	EUR 4.022,00
R 50	Stirring shaft, high speed	0001689300	EUR 1.956,00
R 1405	Propeller, Ø 45 mm	0001289800	EUR 190,00
R 1402	Dissolver, Ø 42 mm	0001243300	EUR 264,00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	EUR 3.011,00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	EUR 2.818,00



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 65 BASIC AND DIGITAL			
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0008005500	EUR 4.073,00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0008005700	EUR 4.348,00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0008005900	EUR 4.516,00
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	EUR 3.555,00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	EUR 3.830,00
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	EUR 3.998,00
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	EUR 3.659,00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	EUR 3.934,00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	EUR 4.102,00
D 60	Dissolver, Ø 60 mm	0020008388	EUR 463,00
D 80	Dissolver, Ø 80 mm	0020008389	EUR 514,00

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	
		G = Coarse M = Medium F = Fine	
		G = Proved configuration W = Special element	
N = PTFE bearing KV = Ball bearing with vacuum-tight sliding-ring seal with silicon carbide seal rings KG – HH = Ball bearing with sliding-ring seals of hard metal allow with FFPM seals rings C = Ceramic bearing KD = Ball bearing with PTFE seal and FFKM O-ring			

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, fibrous, wet or dry – the 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 an autoclavable tube. There is a USB interface available for easy actuation and documentation respectively.



MultiDrive control*
EUR 3.599,00
Ident. No. 0025002643

* Vessels don't belong to the scope of delivery.

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.

ADDITIONAL CONTROL FEATURES:
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.

TECHNICAL DATA	MULTIDRIVE CONTROL	MULTIDRIVE BASIC
Operating principle	Cutting / Impact / Blending / Dispersing	Cutting / Impact / Blending
Speed range	3000 – 20 000 rpm	3000 – 20 000 rpm
Useable volume max.	2000 ml	2000 ml
Feed hardness max.	9 Mohs*	9 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

MultiDrive basic*
EUR 2.999,00
Ident. No. 0025002638



* Vessels don't belong to the scope of delivery.

**MultiDrive basic
M 20 Successor Package**
EUR 3.724,00
Ident. No. 0010005893



> MultiDrive basic base unit
+ MI 250, 250 ml milling chamber

* with MI 250.3 or MI 400.3 beater, tungsten carbide

A 10 basic

EUR 1.853,00
Ident. No. 0004020700



A 11 basic

EUR 2.226,00
Ident. No. 0002900000



M 20

EUR 5.999,00
Ident. No. 0001603600

For dry grinding of
hard and brittle sub-
stances



MF 10 basic

EUR 4.242,00
Ident. No. 0002836000



Two different grinding
heads can be attached to
the drive, **see Page 71**

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	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 x H x D)	130 x 250 x 145 mm	85 x 240 x 85 mm	170 x 350 x 170 mm	320 x 380 x 300 mm
Protection class according to DIN EN 60529	IP 41	IP 43	IP 21	IP 22

Tube Mill 100 control

EUR 2.058,00
Ident. No. 0020007144

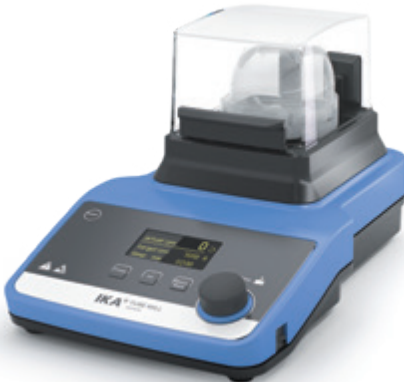


Designed for grinding
chambers with max.
100 ml



Tube Mill control

EUR 1.899,00
Ident. No. 0004180000



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 x H x D)	180 x 170 x 300 mm	180 x 212 x 300 mm
Protection class according to DIN EN 60529	IP 30	IP 30



BL 2000



MI 250



TC 1



MMT 40



MTT 40



MMT 100

Product	Description	Ident. No.	Price
ACCESSORIES BASIC AND CONTROL			
BL 2000	Blender vessel, 2000 ml	0025003961	EUR 566,00
BL 2000 T	Blender vessel, 2000 ml, Temperature measurement	0025003962	EUR 679,00
MI 250	Milling chamber, 250 ml	0025003967	EUR 725,00
MI 400	Milling chamber, 400 ml	0025003965	EUR 846,00
MI 250 T	Milling chamber, 250 ml, Temperature measurement	0025003968	EUR 846,00
MI 400 T	Milling chamber, 400 ml, Temperature measurement	0025003966	EUR 967,00
DI 2000 T	Dispersing vessel, 2000 ml, Temperature measurement	0025003960	EUR 1.019,00
BL 2000.1	Standard blend knife, stainless steel	0020023169	EUR 123,00
MI 250.1	Standard beater, stainless steel	0020023166	EUR 72,00
MI 250.2	Star-shaped cutter, stainless steel	0020023167	EUR 144,00
MI 250.3	Beater, tungsten carbide	0020023168	EUR 308,00
MI 400.1	Standard beater, stainless steel	0020023170	EUR 92,00
MI 400.2	Star-shaped cutter, stainless steel	0020023171	EUR 164,00
MI 400.3	Beater, tungsten carbide	0020023172	EUR 339,00
TC 1	Protective housing for MT 150 and BT 250	0020023489	EUR 139,00
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	EUR 75,00
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	EUR 80,00
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	EUR 15,00

* TC 1 protective housing is mandatory to operate the tube

ACCESSORIES TUBE MILL CONTROL			
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	EUR 73,00
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	EUR 619,00
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	EUR 52,00
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	EUR 125,00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	EUR 83,00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	EUR 724,00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	EUR 83,00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	EUR 146,00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	EUR 367,00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	EUR 216,00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	EUR 236,00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	EUR 125,00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	EUR 146,00
A-MMT.100	Abrasion set for MMT 40.1 MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	EUR 146,00



A 10.1

A 10.3

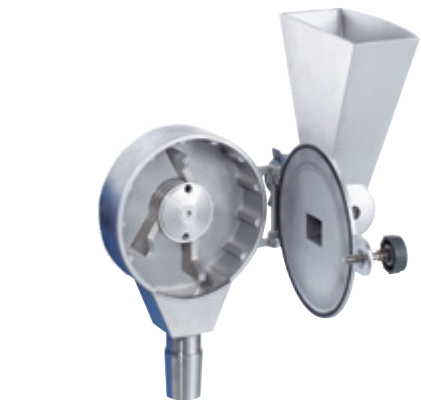


A 11.2

A 11.6



M 23



MF 10.2

Product	Description	Ident. No.	Price
ACCESSORIES A 10 BASIC			
A 10.1	Stainless steel cutter	0025001680	EUR 47,00
A 10.2	Star-shaped cutter	0025001162	EUR 133,00
A 10.3	Hard metal cutter	0025001161	EUR 257,00
A 10.4	Grinding chamber reduction	0025001664	EUR 102,00
ACCESSORIES A 11 BASIC			
A 11.1	Spare beater, stainless steel	0002904600	EUR 98,00
A 11.2	Cutting blade, stainless steel	0002905200	EUR 164,00
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	EUR 205,00
A 11.4	Grinding chamber, polycarbonate, 250 ml	0002904100	EUR 556,00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	EUR 411,00
A 11.6	Double beater, titanium	0003302900	EUR 442,00
A 11.7	Funnel, PTFE	0003048700	EUR 226,00
ACCESSORIES M 20			
M 21	Spare cutter, stn. steel	0000328200	EUR 82,00
M 22	Hard metal cutter, tungsten carbide	0000521800	EUR 339,00
M 23	Star-shaped cutter, stn. steel	0001443400	EUR 164,00
M 20.1	Grinding chamber, 250 ml	0008006200	EUR 3.634,00

ACCESSORIES MF 10 BASIC			
MF 10.1	Cutting-grinding head	0002870900	EUR 3.343,00
MF 10.2	Impact-grinding head	0002871000	EUR 2.986,00

SIEVES			
MF 0.25	Sieve, Ø 0,25 mm	0002938900	EUR 411,00
MF 0.5	Sieve, Ø 0,5 mm	0002939000	EUR 308,00
MF 1.0	Sieve, Ø 1 mm	0002939200	EUR 298,00
MF 2.0	Sieve, Ø 2 mm	0002939400	EUR 288,00
MF 3.0	Sieve, Ø 3 mm	0002939500	EUR 278,00
MF 4.0	Sieve, Ø 4 mm	0002939600	EUR 267,00



MF 0.25

MF 1.0

MF 2.0

MF 4.0

Display viscosity changes through sensitive torque measuring sensor: the new STARVISC measuring stirrers make it possible. The device covers a broad range of applications and is 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



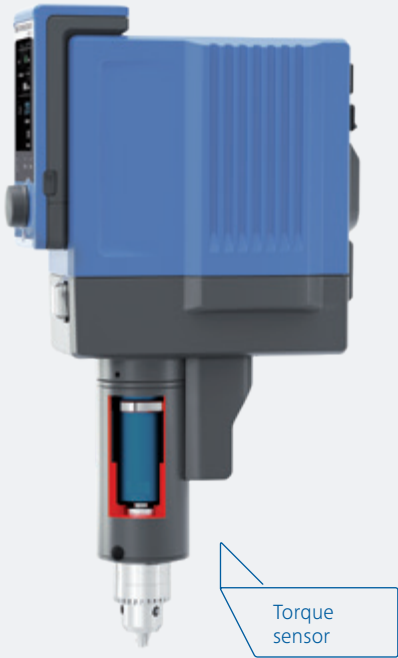
HIGH-PRECISION MEASUREMENT
During the mixing process a highly sensitive torque measuring sensor allows further conclusions on viscosity changes, directly in the product. This eliminates the regular sampling, rather time consuming offline measurement process.

VISCOSITY CALCULATION
The viscosity can be correlated from the torque readings based on a well defined set-up under reproducible conditions.

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

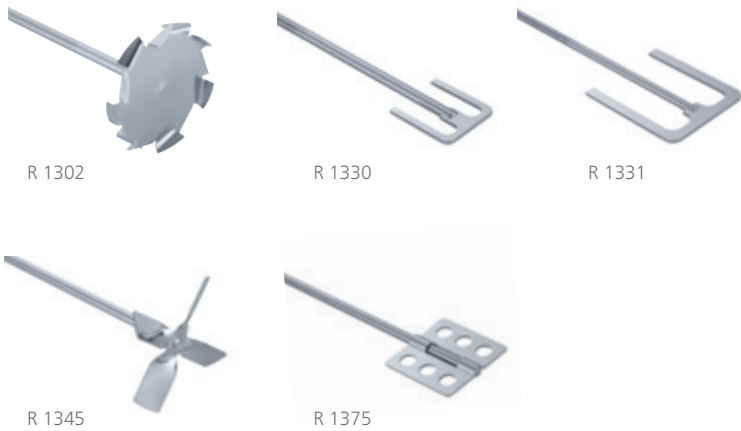
POWERFUL STIRRER
Even highly viscous substances can be intensively stirred using the powerful STARVISC stirrer. Quantities of up to 100 liters can be processed.

STARVISC 200-2.5 control
EUR 5.651,00
Ident. No. 0025003604



TECHNICAL DATA	STARVISC 200-2.5 CONTROL
Stirring quantity max. (H ₂ 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 x H x D)	91 x 395 x 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	EUR 514,00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	EUR 350,00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	EUR 423,00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	EUR 168,00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	EUR 164,00
BOSS HEAD CLAMPS			
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	EUR 108,00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	EUR 174,00
STANDS			
R 2722	H-stand, 1010 mm	0001412000	EUR 675,00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	EUR 1.251,00
SOFTWARE			
labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	EUR 4.017,00
labworldsoft® 6 Pro	For all configurations – any no. of devices can be controlled at the same time	0020017366	EUR 9.167,00



“Flow” is the term used to describe the wonderful mental state in which everything moves along by itself. And with the IKA viscometers, you can have the perfect flow in your laboratory. The new ROTAVISC range determines the viscosity of liquids in all applications, from the laboratory to quality control. The four devices each take measurements in different viscosity ranges. Smooth, fast and precise. The measuring process is intuitive and standardized, as well as working with the familiar IKA menu structure for laboratory devices.

ROTAVISC HELI COMPLETE

/// Viscosity measurement in motion

The viscometers in the ROTAVISC range can now be used with the motorized HELISTAND. It moves the mounted viscometer and its rotating body slowly and uniformly up and down in the sample. This way, the flow properties of highly viscous samples, such as creams, pastes, paints or gelatins can be measured reliably.

FOR HIGHLY VISCOUS SAMPLES

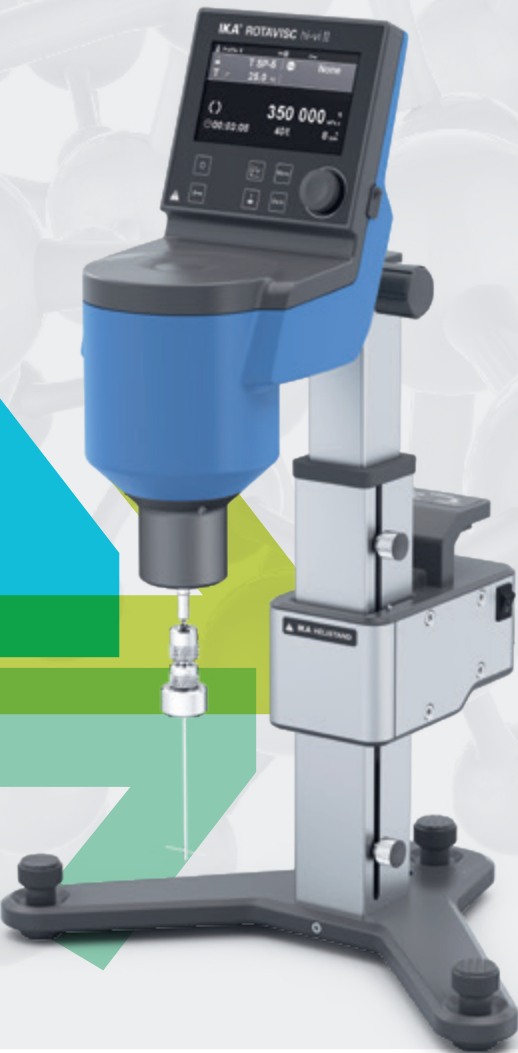
The ROTAVISC HELI Complete package includes both a viscometer and stand, and is ideal for highly viscous samples. A static viscometer would run empty here. Highly viscous samples would simply be forced to the edge by the rotational movements. The HELISTAND prevents this and provides meaningful viscosity measurements by slowly moving the incorporated T-spindles up and down.

BALANCING ON 3 LEGS

The HELISTAND has three legs. This design has a positive effect on the balancing of the rotating body in the sample bowl and provides an even more reliable measurement of the viscosity of viscous samples.

USER-FRIENDLINESS

Using, installing and cleaning the HELISTAND couldn't be easier. The ROTAVISC viscometer is simply placed onto the stand's drive motor and the T-shaped needle spindle is attached to the viscometer.



1 ROTAVISC lo-vi Complete

EUR 3.144,00
Ident. No. 0025000310

2 ROTAVISC me-vi Complete

EUR 3.144,00
Ident. No. 0025000311

3 ROTAVISC hi-vi I Complete

EUR 3.144,00
Ident. No. 0025000312

4 ROTAVISC hi-vi II Complete

EUR 3.144,00
Ident. No. 0025000313



* After device registration on www.ika.com/register

TECHNICAL DATA

Viscosity accuracy	± 1 % FSR
Viscosity repeatability	0,2 % FSR
Display	TFT
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
Protection class according to DIN EN 60529	IP 40

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

* 1 mPas with ELVAS-1

① **ROTAVISC lo-vi Complete**
+ labworldsoft® 6 Visc
EUR 4.144,00
Ident. No. 0025000310 + 0020101872

② **ROTAVISC me-vi Complete**
+ labworldsoft® 6 Visc
EUR 4.144,00
Ident. No. 0025000311 + 0020101872

③ **ROTAVISC hi-vi I Complete**
+ labworldsoft® 6 Visc
EUR 4.144,00
Ident. No. 0025000312 + 0020101872

④ **ROTAVISC hi-vi II Complete**
+ labworldsoft® 6 Visc
EUR 4.144,00
Ident. No. 0025000313 + 0020101872

②



LABORATORY SOFTWARE
labworldsoft® 6 Visc
EUR 1.000,00
Ident. No. 0020101872



① **ROTAVISC lo-vi HELI Complete**
EUR 3.599,00
Ident. No. 0025008225

② **ROTAVISC me-vi HELI Complete**
EUR 3.599,00
Ident. No. 0025008226

③ **ROTAVISC hi-vi I HELI Complete**
EUR 3.599,00
Ident. No. 0025008227

④ **ROTAVISC hi-vi II HELI Complete**
EUR 3.599,00
Ident. No. 0025008228

③





ROTASTAND



HELISTAND

Product	Description	Ident. No.	Price
STANDS			
ROTASTAND	Stand for ROTAVISC	0020006787	EUR 799,00
HELISTAND	Electrical stand for ROTAVISC	0025007567	EUR 1.099,00
HELISTAND Set	Electrical stand incl. T-spindle set	0025008233	EUR 1.299,00
SOFTWARE			
labworldsoft® 6 Visc	Laboratory software	0020101872	EUR 1.000,00



HELISTAND Set



Adapter: DINS-1



Adapter: O DIN S-1



Adapter: VOLS-1



Hook Connector

Quick Connector

Product	Description	Ident. No.	Price
ADAPTERS			
DINS-1	DIN adapter set	0025000387	EUR 1.976,00
O DIN S-1	Open DIN adapter set	0025000326	EUR 1.976,00
SAS-1	Spiral adapter set	0025000377	EUR 1.041,00
ELVAS-1	Extremely low viscosity adapter set	0025000390	EUR 1.308,00
VOLS-1	Low volume adapter set	0025000352	EUR 1.122,00
T-SP-Set	T-spindle set	0025007765	EUR 381,00

ACCESSORIES VISCOMETERS			
DWB 600	Double-walled beaker 600 ml	0020024575	EUR 698,00
BH 600	Clamp for 600 ml beaker	0025000400	EUR 133,00
Hook Connector	Hook connector for spindles	0025000338	EUR 139,00
Quick Connector	Quick connector for spindles	0025000339	EUR 139,00
PT 100.8	Temp. sensor, stn. steel, Ø 3 mm, 75 mm	0025000413	EUR 56,00

SPINDLE SET			
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	EUR 197,00
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	EUR 166,00
VAN-1	Vane spindle set	0025000407	EUR 965,00



Spindle set: VAN-1



SP-5

SP-6



VOL-SP-7.1



VOL-SP-11



VOL-SP-9



VOL-SP-2.1



VOL-C-RTD-3.8

Product	Description	Ident. No.	Price
SPINDLES SINGLE			
SP-1	Standard spindle	0025006828	EUR 79,00
SP-2	Standard spindle	0025006829	EUR 74,00
SP-3	Standard spindle	0025006830	EUR 72,00
SP-4	Standard spindle	0025006831	EUR 68,00
SP-5	Standard spindle	0025006832	EUR 133,00
SP-6	Standard spindle	0025006833	EUR 133,00
SP-7	Standard spindle	0025006834	EUR 57,00
SP-8	Standard spindle	0025006835	EUR 55,00
SP-9	Standard spindle	0025006836	EUR 55,00
SP-10	Standard spindle	0025006837	EUR 52,00
SP-11	Standard spindle	0025006838	EUR 50,00
SP-12	Standard spindle	0025006839	EUR 40,00
VAN-SP-1	Vane spindle	0025006853	EUR 329,00
VAN-SP-2	Vane spindle	0025006854	EUR 266,00
VAN-SP-3	Vane spindle	0025006855	EUR 242,00
VAN-SP-4	Vane spindle	0025006856	EUR 228,00
VAN-SP-5	Vane spindle	0025008376	EUR 215,00
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	EUR 303,00
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	EUR 312,00
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	EUR 312,00
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	EUR 312,00
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	EUR 312,00
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	EUR 312,00
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	EUR 312,00
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	EUR 312,00
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	EUR 379,00
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	EUR 312,00
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	EUR 379,00
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	EUR 312,00
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	EUR 379,00
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	EUR 184,00



CAL-O-5



CAL-O-100000

Product	Description	Ident. No.	Price
STANDARD SILICONE OILS			
CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	EUR 128,00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	EUR 128,00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	EUR 128,00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	EUR 128,00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	EUR 128,00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	EUR 128,00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	EUR 128,00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	EUR 128,00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	EUR 128,00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	EUR 128,00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	EUR 128,00

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 IKA's 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 wireless controller (WiCO)

PROTECTS USER AND ENVIRONMENT

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



VACSTAR digital

EUR 2.609,00
Ident. No. 0020016236

VACSTAR control*

EUR 4.172,00
Ident. No. 0020019065



*VSE 1 is included in delivery

TECHNICAL DATA	VACSTAR DIGITAL VACSTAR CONTROL
Pump rate max.	1,32 m³/ h
Max. pumping capacity	22 l / min
Boiling point detection	No Yes
Solvent library	No Yes
Speed range	285 – 1200 rpm
Vacuum sensor	No Yes
Two-point control	Yes No
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 / USB interface	Yes

Product	Ident. No.	Price
ACCESSORIES VACSTAR DIGITAL AND CONTROL		
VSW 1 vacuum safety woulff bottle	0020015406	EUR 410,00
VSE 1 vacuum safety emission	0035001873	EUR 455,00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	EUR 35,00

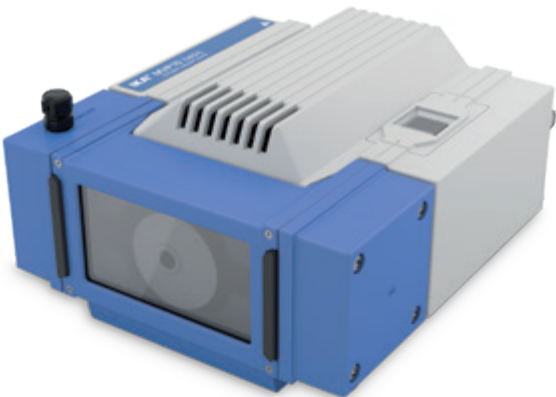


VSW 1

VSE 1

MVP 10 basic

EUR 1.563,00
Ident. No. 0003980000



TECHNICAL DATA	MVP 10 BASIC
Max. pumping capacity	28,3 l / min
Max. pump rate	1,7 m³/ h
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
Voltage	230 / 115 / 100 V

Product	Ident. No.	Price
ACCESSORIES MVP 10 BASIC		
VCV 1 vacuum control valve manual	0020004850	EUR 568,00
VCV 2 vacuum control valve digital	0020004893	EUR 941,00
VSS 1 vacuum safety set		EUR 795,00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	EUR 35,00



VCV 2



VSS 1



VC 10

EUR 1.593,00
Ident. No. 0020005132

Universal vacuum controller for a two-point calibration of multiple vacuum sources. It comes with a chemical resistant ceramic pressure sensor.



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
Manual operation	Yes
Programmable	Yes
Dimensions (W × H × D)	95 × 150 × 110 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 / USB interface	Yes
Voltage	100 – 240 V

Regardless of what leaves laboratory staff hot or cold, precise and constant temperature regulation is a basic prerequisite for successful applications in day-to-day laboratory practice. IKA strives to make your work with circulation and immersion thermostats or bridge and heating bath thermostats as pleasant and successful as possible. Our broad range of DIN 12876-compliant devices is designed for temperatures from -30 to 250 °C and meets the highest requirements of precision, safety, output and intelligence.

RECIRCULATING CHILLER RC 2 GREEN

/// Plant 163 trees or choose the RC 2 GREEN

Brilliant energy-efficiency, CO₂ savings from the very first hour of operation and a reduction in operating costs: The new RC 2 GREEN recirculating chiller combines a natural coolant with tried and tested demand-controlled compressor technology.

ENVIRONMENTALLY-FRIENDLY COOLANT

The coolant R 290 is classed as a pure hydrocarbon. It is friendly to the ozone layer and has only a slight greenhouse potential. In addition, it has excellent thermodynamic properties and promises a long service life for the recirculating chiller, even under future utilization requirements.

LOWER OPERATING COSTS

In combination with the demand-controlled compressor in the RC 2 GREEN, the environmentally-friendly refrigerant achieves a cooling capacity of 800 watts and a minimum temperature of -30 °C. Not only is this good for the environment, but, extrapolated over ten years, the costs also decrease by 150 to 250 Euros per year of operation. In addition, the RC 2 GREEN saves 30% in installation space and half of the device volume compared with equivalent competitor devices.

FULL POWER

Furthermore, the RC 2 GREEN offers everything one would expect to see in a reliable recirculating chiller: a powerful pressure and suction pump, a high-quality fine-mesh stainless steel filter and, of course, the typical IKA modern and user-friendly design, incorporating intuitive menu navigation. The display on the control variant can be removed. This permits straightforward remote operation, freeing up space immediately around the working environment for additional essential laboratory equipment.



ICC basic

EUR 938,00
Ident. No. 0004134400



ICC control

EUR 1.544,00
Ident. No. 0004136600



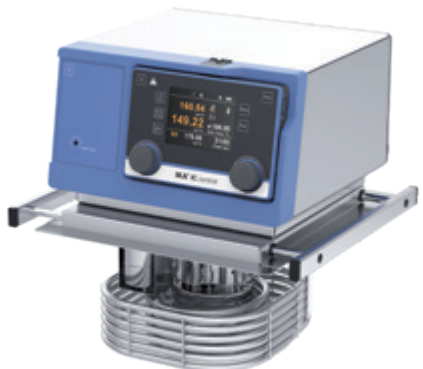
IC basic

EUR 2.368,00
Ident. No. 0003861000



IC control

EUR 3.038,00
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**
Display	LED	TFT	LED	TFT (wireless)
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 × H × D)	145 × 340 × 200 mm	145 × 340 × 200 mm	285 × 313 × 291 mm	285 × 313 × 291 mm

* Possible operating temperatures with cooling coil: -20 °C to 150 °C
** 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
HEATING BATH CIRCULATORS					
ICC basic eco* 8	Package ICC basic, 8 l eco bath	S	188 x 105 mm	0008034900	EUR 1.399,00
ICC basic pro** 9	Package ICC basic, 9 l pro bath	S	195 x 100 mm	0008035100	EUR 1.539,00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 x 127 mm	0010000414	EUR 1.599,00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 x 305 mm	0008035000	EUR 1.539,00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 x 309 mm	0008035200	EUR 1.699,00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 x 105 mm	0008035300	EUR 1.999,00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 x 100 mm	0008035500	EUR 2.149,00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 x 127 mm	0010000415	EUR 2.199,00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 x 305 mm	0008035400	EUR 2.139,00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 x 309 mm	0008035600	EUR 2.299,00
COMBINED HEATING BATH CIRCULATORS					
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 x 105 mm	0008035700	EUR 1.789,00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 x 100 mm	0008035900	EUR 1.929,00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 x 127 mm	0010000416	EUR 1.999,00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 x 305 mm	0008035800	EUR 1.979,00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 x 309 mm	0008036000	EUR 2.149,00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 x 105 mm	0008036100	EUR 2.679,00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 x 100 mm	0008036300	EUR 2.819,00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 x 305 mm	0008036200	EUR 2.869,00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 x 127 mm	0010000417	EUR 2.919,00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 x 309 mm	0008036400	EUR 3.049,00
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	EUR 3.599,00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002474	EUR 4.205,00
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006740	EUR 4.384,00
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006736	EUR 4.990,00

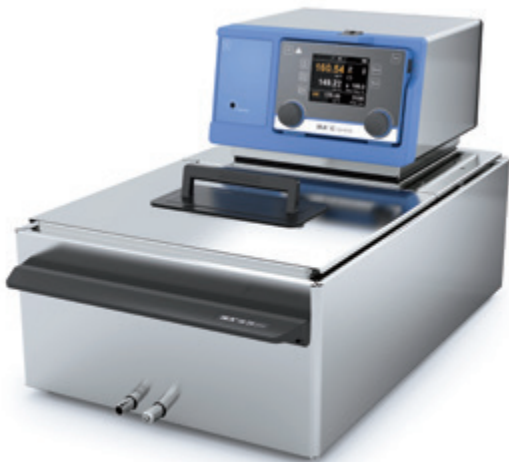
* eco: plastic bath
** pro: stainless steel bath
*** Size of plate that can be placed at the bottom of the bath



ICC control pro 20 c



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



IC control pro 20 c



ICC control IB R RO 15 pro

Product	Description	Bath size	Bath opening (W x D)***	Ident. No.	Price
IMMERSION CIRCULATOR PACKAGES					
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 x 80 mm	0008039900	EUR 3.450,00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 x 262 mm	0008036800	EUR 3.604,00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0008040000	EUR 4.068,00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0008037200	EUR 4.222,00

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

/// Heating Bath Circulators

1

HBC 5 basic
EUR 2.986,00
Ident. No. 0004125000

2

HBC 5 control
EUR 3.656,00
Ident. No. 0004127000

1

HBC 10 basic
EUR 3.192,00
Ident. No. 0004135000

2

HBC 10 control
EUR 3.862,00
Ident. No. 0004137000



/// Refrigerated and Heating Bath Circulators

1

CBC 5 basic
EUR 4.738,00
Ident. No. 0004165000

2

CBC 5 control
EUR 5.464,00
Ident. No. 0004167000

1

HRC 2 basic
EUR 3.862,00
Ident. No. 0025003742

2

HRC 2 control
EUR 4.728,00
Ident. No. 0025004524



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 at 20 °C	–	–	350 W	400 W
Display	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)
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

1

RC 2 basic
EUR 3.189,00
Ident. No. 0004171000

2

RC 2 control
EUR 3.999,00
Ident. No. 0004173000

1

RC 2 GREEN basic
EUR 3.689,00
Ident. No. 0025004186

2

RC 2 GREEN control
EUR 4.499,00
Ident. No. 0025006638



RC 5 basic

EUR 4.639,00
Ident. No. 0004181000

RC 5 control

EUR 5.449,00
Ident. No. 0004183000



TECHNICAL DATA	RC 2 BASIC CONTROL	RC 2 GREEN BASIC CONTROL	RC 5 BASIC CONTROL
Appliance type	Recirculating chiller	Recirculating chiller	Recirculating chiller
Cooling capacity at 20 °C	400 W	800 W	1400 W
Temperature range	-20 °C – RT -30 °C – RT	-30 °C – RT	-30 °C – RT
Display	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)
Temperature stability DIN 12876	± 0,1 K ± 0,05 K	± 0,15 K	± 0,2 K ± 0,1 K
Max. flow rate	18 l/min	21 l/min	31 l/min
Max. pump pressure	0,3 bar	0,5 bar	0,61 bar
Min. suction pressure	0,2 bar	0,25 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



CS.ICC CL.ICC



BS.ICC PCS.ICC



BS.IC CC1



IB R 9 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	EUR 124,00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	EUR 155,00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	EUR 176,00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	EUR 505,00
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	EUR 258,00
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	EUR 124,00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	EUR 129,00
CC2	Cooling coil for ICC	0025001061	EUR 124,00
PCS.ICC	Pump connection set for ICC	0004471900	EUR 145,00

ACCESSORIES FOR IC			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	EUR 127,00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	EUR 169,00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	EUR 127,00
CC1	Cooling coil for IC basic / control	0020005116	EUR 132,00

BATH VESSELS			
Bath size S			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	EUR 340,00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	EUR 361,00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	EUR 485,00
Bath size M			
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	EUR 546,00
Bath size L			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	EUR 474,00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	EUR 536,00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	EUR 474,00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	EUR 670,00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	EUR 814,00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	EUR 1.599,00
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	EUR 649,00



HF.Si.20.200.50



LT 5.20



H.SI.8



ISO.8



ISO.12

Product	Description	Ident. No.	Price
THERMOFLUIDS			
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	EUR 495,00
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	EUR 443,00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	EUR 464,00
HOSES			
LT 5.20	High temperature hose kit insulated, 2 × 1,5 m, stainless steel	0002606700	EUR 1.029,00
LT 5.21	High temperature hose kit insulated, 2 × 1,5 m, PTFE	0020000988	EUR 875,00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 × 1,5 m	0004568800	EUR 13,00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 × 1,5 m	0004568900	EUR 16,00
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	EUR 25,00
H.SI.8	Hose, silicone, Ø 8 mm, 2 × 1,5 m	0004569000	EUR 31,00
H.SI.12	Hose, silicone, Ø 12 mm, 2 × 1,5 m	0004569100	EUR 38,00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 × 1,5 m, reinforced	0020004612	EUR 57,00
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 × 1,5 m	0020004613	EUR 71,00
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 × 1,5 m	0004569200	EUR 289,00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 × 1,5 m, M 16 × 1	0004569300	EUR 382,00

INSULATION FOR HOSES			
ISO.8	Insulation, Ø 8 mm, 2 × 1,5 m	0004569400	EUR 26,00
ISO.12	Insulation, Ø 12 mm, 2 × 1,5 m	0004569500	EUR 33,00



Tube rack, 13 mm, S, stainless



Variable rack, ICC, ML, stainless



Variable bottom, ICC, L, stainless



Bottom plate L



Floating tube rack 1



Floating globes, PP



WH10

Product	Description	Ident. No.	Price
TUBE RACKS			
Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, Ø 13 mm	0020004026	EUR 83,00
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	EUR 83,00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	EUR 83,00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	EUR 140,00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø17 mm	0020004030	EUR 140,00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	EUR 140,00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	EUR 181,00
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	EUR 57,00
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	EUR 57,00
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	EUR 57,00
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	EUR 397,00
Bottom plate L	Bottom plate for bath size L	0020006212	EUR 433,00
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	EUR 361,00
FLOATING RACKS			
Floating tube rack 1	Floating tube rack for 24 x 1,5 / 2,0 ml tubes, 5 pcs.	0020003667	EUR 32,00
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	EUR 32,00
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	EUR 32,00
ADDITIONAL ACCESSORIES			
WH10	WiCo Holder	0020000984	EUR 21,00
PT 100.30	Temp. sensor, stn. steel	0004284700	EUR 294,00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	EUR 181,00
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	EUR 109,00
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	EUR 139,00
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	EUR 200,00



CO V 1



Ball valve M16x1



Mechanic fluid level controller

Product	Description	Ident. No.	Price
VALVES AND LEVEL CONTROLLERS			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	EUR 392,00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	EUR 577,00
Ball valve M16 x 1	Ball valve, completely opening (M 16 x 1)	0020004620	EUR 83,00
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	EUR 320,00
ADAPTERS			
Elbow tube 90°	Elbow tube 90°	0025001212	EUR 77,00
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	EUR 52,00
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	EUR 5,00
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	EUR 27,00
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	EUR 27,00
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	EUR 27,00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	EUR 27,00
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	EUR 42,00
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	EUR 129,00
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	EUR 155,00
Adapter M16x1 f - G1/4 m	Adapter M 16 x 1 female to G 1/4 male	0020008807	EUR 93,00
Adapter M16x1 m - G1/4 m	Adapter M 16 x 1 male to G 1/4 male	0020008734	EUR 47,00
Adapter M16x1 m - G1/2 m	Adapter M 16 x 1 male to G 1/2 male	0020008796	EUR 47,00
Adapter M16x1 f - G1/2 m	Adapter M 16 x 1 female to G 1/2 male	0020008800	EUR 93,00
Adapter M16x1 f - G3/8 m	Adapter M 16 x 1 female to G 3/8 male	0020008730	EUR 93,00
Adapter M16x1 m - G3/8 m	Adapter M 16 x 1 male to G 3/8 male	0020008754	EUR 47,00
Adapter M16x1 m - M16x1 m	Adapter M 16 x 1 male to M 16 x 1 male, for hose extension	0025007118	EUR 47,00
Lock nut	Lock nut, 2 pcs.	0020004583	EUR 31,00
Stopper	Stopper, 2 pcs.	0020004584	EUR 31,00



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4

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

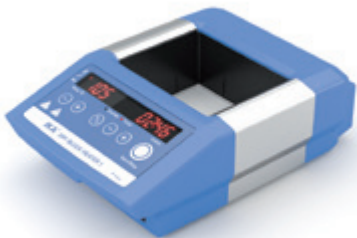
/// Provide precise temperature control in small vessels



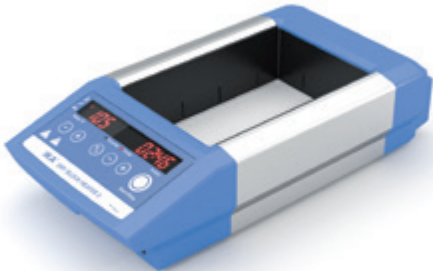
Digital block heaters for up to four aluminium blocks provide precise temperature control in small vessels. Included PT 1000 temperature sensor allows temperature control directly in the sample vessel. It is used with PCR tubes, PCR strips, Greiner tubes, microplates and cuvettes. The digital dry block 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.

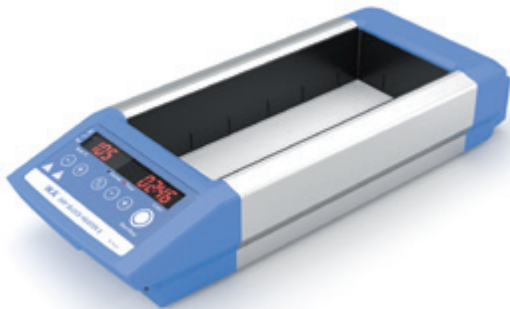
Dry Block Heater 1
EUR 978,00
Ident. No. 0004025100



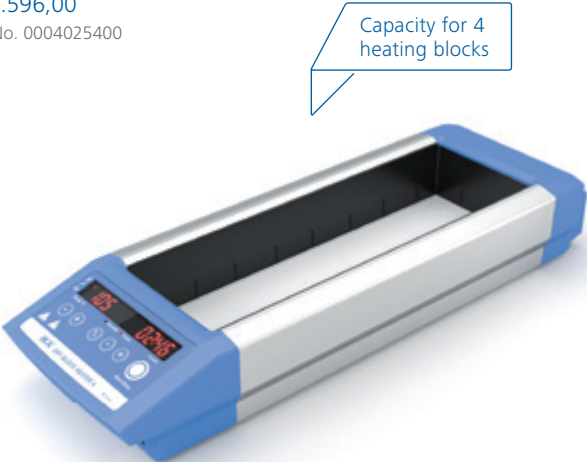
Dry Block Heater 2
EUR 1.184,00
Ident. No. 0004025200



Dry Block Heater 3
EUR 1.390,00
Ident. No. 0004025300



Dry Block Heater 4
EUR 1.596,00
Ident. No. 0004025400



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



DB 4.6



DB 5.2



DB 5.8



DB 8.1

Product	Description	Ident. No.	Price
MICRO CENTRIFUGE TUBES			
DB 1.1	Single block, PCR tubes, Ø 7,9 mm	0004467600	EUR 101,00
DB 1.2	Single block, Eppendorf tubes, Ø 11,5 mm	0004467700	EUR 101,00
DB 1.3	Single block, microtubes, Ø 11,1 mm	0004467800	EUR 101,00
DB 1.4	Single block, VWR Eppendorf tubes, Ø 11,5 mm	0004467900	EUR 101,00
DB 1.5	Single block, corning tubes, Ø 10,9 mm	0004468000	EUR 101,00

CONICAL BOTTOM CENTRIFUGE TUBES			
DB 2.1	Single block, conical tubes, Ø 17,1 mm	0004468100	EUR 101,00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	EUR 101,00

COMBINATION BLOCKS			
DB 3.1	Single block, test tube comb., 6 12 /13 25 mm	0004468300	EUR 101,00
DB 3.2	Single block, centrifuge comb., 1,5 15 50 ml	0004468400	EUR 101,00
DB 3.3	Single block, microtube comb., 0,5 1,5 2 ml	0004468500	EUR 101,00

STANDARD TEST TUBES			
DB 4.1	Single block, 30 round tubes, Ø 8,3 mm	0004468600	EUR 108,00
DB 4.2	Single block, 24 round tubes, Ø 10,7 mm	0004468700	EUR 108,00
DB 4.3	Single block, 16 round tubes, Ø 13,9 mm	0004468800	EUR 108,00
DB 4.4	Single block, 20 round tubes, Ø 13,9 mm	0004468900	EUR 108,00
DB 4.5	Single block, 12 round tubes, Ø 17,5 mm	0004469000	EUR 108,00
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	EUR 108,00
DB 4.7	Single block, 6 round tubes, Ø 26,2 mm	0004469200	EUR 108,00
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	EUR 108,00
DB 4.9	Single block, 12 round tubes, Ø 19,1 mm	0004469400	EUR 108,00

VIALS			
DB 5.1	Single block, 12 mm vials, Ø 12,7 mm	0004469500	EUR 108,00
DB 5.2	Single block, 15 mm vials, Ø 15,8 mm	0004469600	EUR 108,00
DB 5.3	Single block, 17 mm vials, Ø 17,8 mm	0004469700	EUR 108,00
DB 5.4	Single block, 19 mm vials, Ø 19,7 mm	0004469800	EUR 108,00
DB 5.5	Single block, 21 mm vials, Ø 21,7 mm	0004469900	EUR 108,00
DB 5.6	Single block, 23 mm vials, Ø 23,8 mm	0004470000	EUR 108,00
DB 5.7	Single block, 25 mm vials, Ø 25,8 mm	0004470100	EUR 108,00
DB 5.8	Single block, 28 mm vials, Ø 28,8 mm	0004470200	EUR 108,00
DB 5.9	Single block, 16 mm vials, Ø 16,4 mm	0004470300	EUR 108,00

STANDARD TEST TUBES			
DB 6.1	Single block, 10 × 8 PCR tube strips, Ø 6,4 mm	0004470400	EUR 101,00
DB 6.2	Single block, 64 PCR tubes, Ø 6,4 mm	0004470500	EUR 101,00
DB 6.3	Double block, 1 × 96-Well PCR plate, Ø 6,4 mm	0004470600	EUR 249,00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	EUR 149,00
DB 8.1	Single block, 2 × 6 cuvettes, Ø 12,5 mm	0004470700	EUR 101,00

TEMPERATURE SENSORS			
PT 1000.60	Temp. sensor, stn. steel	0003516800	EUR 124,00
PT 1000.90	Temp. sensor, coated	0004480600	EUR 175,00

C-MAG HP 4
EUR 529,00
Ident. No. 0003581600



C-MAG HP 10
EUR 795,00
Ident. No. 0003582000



C-MAG HP 7
EUR 582,00
Ident. No. 0003581800



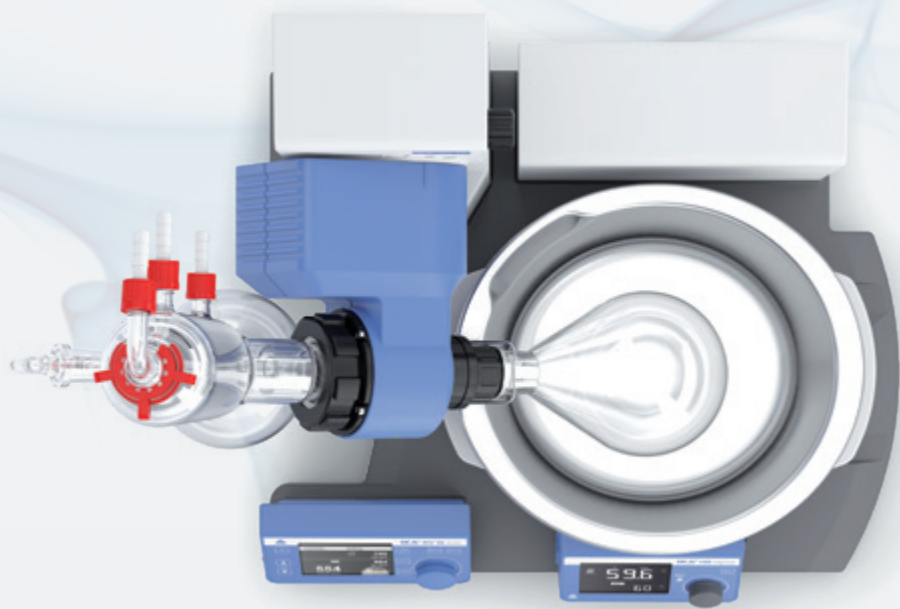
TECHNICAL DATA	C-MAG HP 4	C-MAG HP 7	C-MAG HP 10
Heat output	250 W	1000 W	1500 W
Heating temperature range	50 °C – 500 °C	50 °C – 500 °C	50 °C – 500 °C
Connection for ext. temperature sensor	–	ETS-D5	ETS-D5
Heating rate heating plate	2,5 K / min	5 K / min	5 K / min
Set-up plate material	Ceramic	Ceramic	Ceramic
Set-up plate dimensions	100 × 100 mm	180 × 180 mm	260 × 260 mm
Dimensions (W × H × D)	150 × 105 × 260 mm	220 × 105 × 330 mm	300 × 105 × 415 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21

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

EUR 1.082,00
Ident. No. 0020016337



HB digital

EUR 1.349,00
Ident. No. 0020016334



HBR 4 control

EUR 3.633,00
Ident. No. 0020003549



Product	Ident. No.	Price
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ACCESSORIES HB ECO | DIGITAL

HB 10.3	Protection cover HB eco and digital	0020024125	EUR 778,00
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ACCESSORIES HBR 4 CONTROL

H 240	Ring set	0002858700	EUR 509,00
H 159	Intermediate bottom	0001809700	EUR 233,00

TECHNICAL DATA

	HB ECO DIGITAL	HBR 4 CONTROL
Heating temperature max.	99 °C 180 °C	200 °C
Filling volume max.	4 l	4 l
Filling point min.	60 mm	20 mm
Heat output	1400 W	1000 W
Safety circuit	109 °C 50 – 190 °C	50 – 210 °C
Display	LED / 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



HB 10.3

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

Integrated programming function

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.

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.

Oven 125 basic - dry
EUR 1.999,00
Ident. No. 0020003215

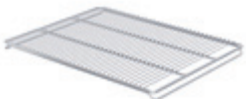
Oven 125 basic - dry glass
EUR 2.400,00
Ident. No. 0020003956



Oven 125 control - dry
EUR 3.089,00
Ident. No. 0020003990

Oven 125 control - dry glass
EUR 3.501,00
Ident. No. 0020003996

Real time data logging function



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

Product	Ident. No.	Price
ACCESSORIES		
IO T 1.00 wire grid tray, chrome plated	0020024935	EUR 124,00
IO T 1.10 enhanced wire grid tray	0020007600	EUR 217,00
IO F 1.10 roller frame	0020007601	EUR 773,00
IO B 1.10 roller box	0020007602	EUR 886,00
IO P 1.10 table top work plate	0020007603	EUR 824,00
IO F 1.20 spacer frame	0035001326	EUR 443,00
PT 100.31 temp. sensor	0020009564	EUR 285,00

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 PRO
/// The flagship

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
EUR 2.247,00
Ident. No. 0010003324

② RV 3 V-C
EUR 2.396,00
Ident. No. 0010003328

③ RV 3 FLEX
EUR 2.107,00
Ident. No. 0010003331

④ RV 3 dry ice condensor
EUR 2.709,00
Ident. No. 0010006363

⑤ RV 3 dry ice condensor C
EUR 2.859,00
Ident. No. 0010006362

① RV 8 V
EUR 2.799,00
Ident. No. 0010003482

② RV 8 V-C
EUR 2.956,00
Ident. No. 0010003485

③ RV 8 FLEX
EUR 2.649,00
Ident. No. 0010003488

④ RV 8 dry ice condensor
EUR 3.261,00
Ident. No. 0010006361

⑤ RV 8 dry ice condensor C
EUR 3.418,00
Ident. No. 0010006360

Integrated safety
lift-out function

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 – 99 °C	RT – 180 °C
Type of cooling	Vertical	Vertical
Cooling surface	1500 cm²	1500 cm²
Soft start	Yes	Yes
Head angle adjustable	0 to 60 °	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**
EUR 4.221,00
Ident. No. 0010004799
- ② **RV 10 digital V-C**
EUR 4.575,00
Ident. No. 0010004802
- ③ **RV 10 digital FLEX**
EUR 3.164,00
Ident. No. 0010004805
- ④ **RV 10 digital dry ice condensor**
EUR 4.684,00
Ident. No. 0010006365
- ⑤ **RV 10 digital dry ice condensor C**
EUR 5.037,00
Ident. No. 0010006364



TECHNICAL DATA	RV 10 DIGITAL
Motor type	Brushless DC drive motor
Speed range	5 – 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 × 440 mm
Protection class acc. to DIN EN 60529	IP 20



- ① **RV 10 auto V**
EUR 7.002,00
Ident. No. 0010004835
- ② **RV 10 auto V-C**
EUR 7.429,00
Ident. No. 0010004838
- ③ **RV 10 auto FLEX**
EUR 5.902,00
Ident. No. 0010004841
- ④ **RV 10 auto pro V**
EUR 8.886,00
Ident. No. 0010004815*
- ⑤ **RV 10 auto pro V-C**
EUR 9.297,00
Ident. No. 0010004812*
- ⑥ **RV 10 auto pro FLEX**
EUR 8.526,00
Ident. No. 0010004818*



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
Type of cooling	Vertical condenser
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	Integrated
Dimensions (W × H × D) without glass parts	500 × 430 × 440 mm
Protection class acc. to DIN EN 60529	IP 20



*Pro packages include VACSTAR digital



RV 10.1
RV 10.1 enlarged surface



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	EUR 824,00
RV 10.10	Set of glassware, vertical, coated	0003755400	EUR 1.158,00
RV 10.1 enlarged surface	Vertical-condenser, enlarged surface	0020019652	EUR 1.016,00
RV 10.10 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	EUR 1.228,00
RV 10.2	Set of glassware, diagonal	0003755300	EUR 851,00
RV 10.20	Set of glassware, diagonal, coated	0003755500	EUR 1.179,00
RV 10.3	Vertical-intensive condenser, manifold	0003741000	EUR 991,00
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	EUR 1.357,00
RV 10.4	Dry ice condensor	0003742000	EUR 999,00
RV 10.40	Dry ice condensor, coated	0003742100	EUR 1.595,00
RV 10.5	Vertical-condenser, reflux	0003743000	EUR 1.594,00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	EUR 1.747,00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	EUR 1.750,00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	EUR 1.907,00
RV 05.10	Balljoint clamp	0000736600	EUR 19,00
RV 10.88	Clamp, NS 29	0003683300	EUR 19,00
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	EUR 650,00
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	EUR 743,00
RV 10.500	Foam brake, NS 29/32	0003739200	EUR 137,00
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	EUR 557,00
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	EUR 932,00
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	EUR 1.306,00
RV 10.610	Distilling sleeve, 20 ml	0003919400	EUR 16,00
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	EUR 679,00
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	EUR 744,00
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	EUR 32,00
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	EUR 32,00
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	EUR 32,00
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	EUR 65,00
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	EUR 32,00
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	EUR 65,00
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	EUR 61,00
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	EUR 122,00
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	EUR 64,00
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	EUR 127,00
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	EUR 65,00
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	EUR 131,00
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	EUR 103,00
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	EUR 205,00
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	EUR 158,00
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	EUR 316,00



RV 10.103



RV 10.74



RV 10.8001
RV 10.3000

Product	Description	Ident. No.	Price
ACCESSORIES RV 3, RV 8, RV 10			
RV 10.100	Receiving flask, KS 35/20, 100 ml	0003742200	EUR 57,00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	EUR 58,50
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	EUR 62,00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	EUR 65,00
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	EUR 107,00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	EUR 199,00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	EUR 112,00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	EUR 116,00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	EUR 143,00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	EUR 169,00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	EUR 190,00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	EUR 253,00
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	EUR 150,00
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	EUR 160,00
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	EUR 198,00
RV 10.70	Vapor tube, NS 29/32	0003812200	EUR 101,00
RV 10.74	Vapor tube, short, NS 29/32	0003971700	EUR 87,00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	EUR 109,00
RV 10.3000	Extension plate	0003859000	EUR 137,00

ACCESSORIES RV 3			
RV 3.1	Support pole	0025004587	EUR 101,00
RV 3.4	Woulff bottle	0025004588	EUR 140,00
RV 10.5005	Hose kit	0020000552	EUR 101,00

ACCESSORIES RV 8			
RV 8.1	Support pole	0004438500	EUR 101,00
RV 8.2	Mechanical end stop for RV 8	0025001342	EUR 52,00
RV 8.3	Stand pole	0025004707	EUR 113,00
RV 10.5005	Hose kit	0020000552	EUR 101,00

ACCESSORIES VALVE RV 10 AUTO			
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	EUR 656,00
RV 10.5001	Choke water valve	0003902700	EUR 522,00
RV 10.5002	Filter	0003903800	EUR 65,00
RV 10.5003	Pressure regulating valve	0003907100	EUR 206,00



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

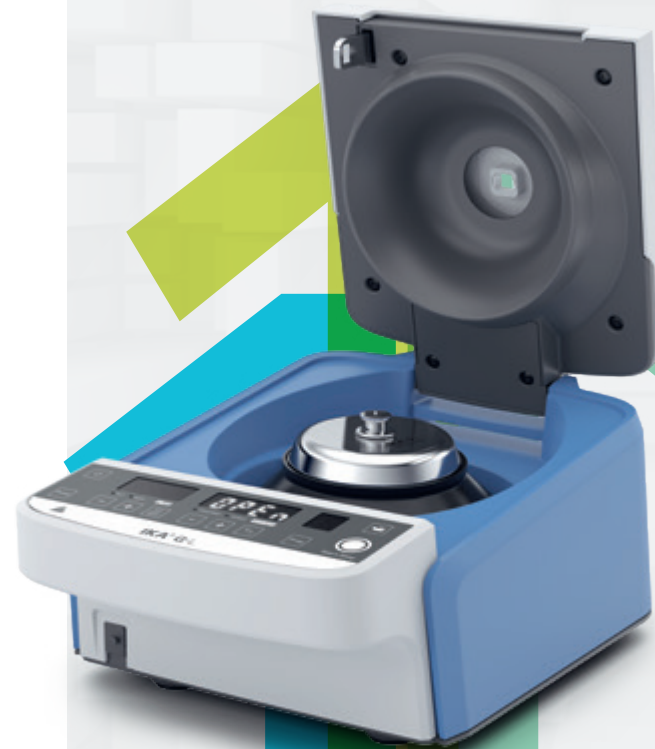
The centrifuge is fitted with a metal cover and does not start until it is firmly closed.

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.



mini G

EUR 313,00
Ident. No. 0003958000*



*Adapters included in delivery

IKA G-L*

EUR 999,00
Ident. No. 0030000774



*2 ml rotor set included in delivery

Product	Ident. No.	Price
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ACCESSORIES IKA MINI G

Rotor 4 x HPLC	0020022341	EUR 40,00
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ACCESSORIES IKA G-L

PCR Set	0030001345	EUR 199,00
Adapter PCR tube	0030001346	EUR 9,00
Adapter 0,5 ml tube	0030001347	EUR 9,00
Adapter 0,4 ml tube	0030001334	EUR 9,00
2 ml rotor set	0030001333	EUR 250,00



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 fix and vario pipettes can be used for many applications in the modern laboratory. Colour coding simplifies the rapid selection of a suitable pipette. High impact, UV and chemical resistance 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 vario
/// Simple liquid handling
for variable 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

EUR 144,00

Ident. No. 0020011219
- ② IKA PETTE fix 10 µl

EUR 144,00

Ident. No. 0020011220
- ③ IKA PETTE fix 20 µl

EUR 144,00

Ident. No. 0020011221
- ④ IKA PETTE fix 25 µl

EUR 144,00

Ident. No. 0020011222
- ⑤ IKA PETTE fix 50 µl

EUR 144,00

Ident. No. 0020011223
- ⑥ IKA PETTE fix 100 µl

EUR 144,00

Ident. No. 0020011224
- ⑦ IKA PETTE fix 200 µl

EUR 144,00

Ident. No. 0020011225
- ⑧ IKA PETTE fix 250 µl

EUR 144,00

Ident. No. 0020011226
- ⑨ IKA PETTE fix 500 µl

EUR 144,00

Ident. No. 0020011227
- ⑩ IKA PETTE fix 1000 µl

EUR 144,00

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

EUR 219,00
Ident. No. 0020011210

② IKA PETTE vario 0,5 – 10 µl

EUR 219,00
Ident. No. 0020011211

③ IKA PETTE vario 2 – 20 µl

EUR 219,00
Ident. No. 0020011213

④ IKA PETTE vario 10 – 100 µl

EUR 219,00
Ident. No. 0020011214

⑤ IKA PETTE vario 20 – 200 µl

EUR 219,00
Ident. No. 0020011215

⑥ IKA PETTE vario 100 – 1000 µl

EUR 219,00
Ident. No. 0020011216

⑦ IKA PETTE vario 0,5 – 5 ml

EUR 219,00
Ident. No. 0020011217

⑧ IKA PETTE vario 1 – 10 ml

EUR 219,00
Ident. No. 0020011218

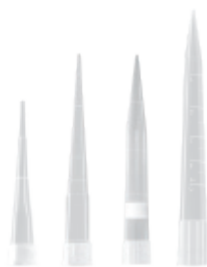


	IKA PETTE VARIO	MAX. VOLUME TIP
①	0,1 – 2 µl	10 µl
②	0,5 – 10 µl	10 µl
③	2 – 20 µl	200 µl
④	10 – 100 µl	200 µl

	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



LINEA



Pipette tips



Filter XL

Filter L

Product	Description	Ident. No.	Price
ACCESSORIES			
LINEA	Pipette rack	0020018987	EUR 69,00
Tip xs bag	Pipette tip, 10 µl, transparent, 10 000 pcs.	0020017816	EUR 229,00
Tip xs tray	Pipette tip, 10 µl, transparent, 2304 pcs.	0020017818	EUR 79,00
Tip xs box	Pipette tip, 10 µl, transparent, 1920 pcs.	0020101786	EUR 79,00
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	EUR 179,00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	EUR 139,00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	EUR 69,00
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	EUR 79,00
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	EUR 179,00
Tip m bag	Pipette tip, 1000 µl, transparent, 5000 pcs.	0020017826	EUR 89,00
Tip m box	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020101788	EUR 79,00
Tip m tray	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020100421	EUR 79,00
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	EUR 139,00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	EUR 189,00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	EUR 99,00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	EUR 199,00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	EUR 119,00
Pipette tip box xs/s	Stacking box, 6 pcs.	0020017834	EUR 59,00
Refill tray xs	Refill tray, 25 pcs.	0020017836	EUR 79,00
Refill tray s	Refill tray, 25 pcs.	0020017837	EUR 79,00
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	EUR 34,50
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	EUR 34,50



SOFTWARE
Pipette Calibration Software
EUR 204,00
Ident. No. 0020022141

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 creams 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
EUR 6.016,00
Ident. No. 0008040100



With just one base unit multiple vessels can be used!

LR 1000 control System
EUR 10.391,00
Ident. No. 0025001991



reddot design award
winner 2013

German Design Award
SPECIAL MENTION 2015

Weighing range:
max. 2 kg

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
Vessel specification	FKM sealing; achhor stirrer	FFKM sealing; anchor stirrer with scraper
pH measurement	–	Yes (BNC)
Cooling water control	–	Yes
Heat control accuracy of medium with sensor	± 0,2 K	± 0,2 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 delivery

LR-2.ST
The High-Performer

EUR 11.901,00
Ident. No. 0020013291

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



LR-2.ST
The Allrounder

EUR 10.829,00
Ident. No. 0020013292

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



LR-2.ST
The Versatile

EUR 10.374,00
Ident. No. 0020013293

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



LR-2.ST
The Compact Power

EUR 9.825,00
Ident. No. 0020013294

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 measuring 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



LR-2.ST STARVISC 200
EUR 13.038,00
Ident. No. 0020020603



WiCo LR 1000 LR 1000.3



LR 1000.10 LR 1000.20



LR 1000.41 LR 1000.64



LR 1000.70 MV 1



LR 2000.10



LR 2000.11



LR 2.1



LR 2000.1



LR 2000.2



LR 2000.3



LR 2000.4

Product	Description	Ident. No.	Price
ACCESSORIES LR 1000			
WiCo LR 1000	Wireless controller	0020007267	EUR 527,00
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	EUR 3.084,00
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	EUR 3.839,00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	EUR 386,00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	EUR 227,00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	EUR 301,00
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	EUR 424,00
LR 1000.61	Temperature sensor receptacle	0004664400	EUR 388,00
LR 1000.62	Sensor receptacle GL 14	0020010508	EUR 332,00
LR 1000.64	pH electrode	0004663300	EUR 774,00
LR 1000.65	pH electrode receptacle	0004663400	EUR 656,00
LR 1000.70	Lid holder	0025003123	EUR 218,00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	EUR 392,00
Holder MV 1	Holder for cooling water control valve	0020019816	EUR 175,00

ACCESSORIES LR-2.ST			
LR-2.SI	Safety stop	0003318300	EUR 861,00
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	EUR 1.294,00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	EUR 603,00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	EUR 592,00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	EUR 744,00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	EUR 3.349,00
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	EUR 4.206,00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	EUR 4.822,00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	EUR 8.005,00



HBR 4 control LR



LT 5.24



T 25 digital LR

Product	Description	Ident. No.	Price
ACCESSORIES LR-2.ST			
LR 2000.40	Shaft receptacle	0002509200	EUR 526,00
LR 2000.60	Sensor receptacle	0002509300	EUR 474,00
LR 2000.64	pH process electrode	0020010075	EUR 1.100,00
LR 2000.65	pH measuring sensor receptacle	0003172600	EUR 776,00
LR-2.SP	Splinter shield	0003326400	EUR 397,00
LT 5.23	Hose adapter set	0002235000	EUR 122,00
LT 5.24	Hose adapter	0002578100	EUR 348,00
LT 5.25	Lock coupling set	0020000878	EUR 477,00
LT 5.26	Lock adapter set	0020000879	EUR 327,00
LT 5.27	Hose adapter set	0020000880	EUR 477,00
H 68.55	Temp. sensor, stn. steel, Ø 8 mm	0025007921	EUR 253,00
HBR 4 control LR	Heating bath, 4 l	0010001849	EUR 3.822,00
PT 1000.61	Temperature sensor, Ø 6 mm	0020009881	EUR 240,00

ACCESSORIES LABORATORY REACTORS			
T 25 digital LR	Disperser	0020008820	EUR 2.018,00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	EUR 2.059,00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	EUR 2.162,00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	EUR 1.802,00
S 25 KD - LR - 18 G	Dispersing element, Ø 18 mm	0025007071	EUR 1.272,00
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	EUR 1.802,00
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	EUR 1.853,00



S 25 KD - LR - 25 G



S 25 KD - LR - 25 F

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 (5 bar*)	-0,5 to 2,5 bar	-1 to 2,5 bar (5 bar*)
Useful volume	1 – 2 l	0,5 – 2 l	0,5 – 1,5 l
Stirring tool	Anchor and propeller	Anchor	Spiral
Speed range	0 – 2000 rpm (Propeller, Dissolver) 0 – 350 rpm (Anchor, Spiral)	0 – 2000 rpm (Propeller, Dissolver) 0 – 350 rpm (Anchor, Spiral)	0 – 350 rpm (Spiral)

* with optional safety valve

Algaemaster 10 control

EUR 30.554,00
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	46 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**

EUR 4.017,00

Ident. No. 0020019397
- labworldsoft® 6 Starter Update**

EUR 803,00

Ident. No. 0020019398
- labworldsoft® 6 Pro**

EUR 9.167,00

Ident. No. 0020017366
- labworldsoft® 6 Starter Upgrade**

EUR 5.150,00

Ident. No. 0020019399
- labworldsoft® 6 Pro Update**

EUR 1.833,00

Ident. No. 0020018014
- labworldsoft® 6 Pro + 5 Years Support**

EUR 16.499,00

Ident. No. 0020022767



C 6040 Calwin

EUR 2.004,00

Ident. No. 0004040500

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.



Expert Key 100 eco



Expert Key 100 pro



ETH SER 4

Product	Description	Ident. No.	Price
Expert Key 100 eco	Data collection system for laboratories	0020005486	EUR 5.356,00
Expert Key 100 pro	Data collection system for industries	0020005485	EUR 5.781,00
Multi power switch	Switchable multiple connection plug board	0020003454	EUR 80,00
MV 1 power plug	Cooling water valve with power plug	0010001655	EUR 478,00
RV 10 A 1	Adapter valve for Expert Key	0020004314	EUR 109,00
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	EUR 73,00
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	EUR 75,00
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	EUR 29,00
PC 1.1	Cable, L 3 m	0002616700	EUR 35,00
PC 1.5	Cable, L 2,5 m	0002756000	EUR 39,00
PC 2.1	Cable, L 5 m	0002700700	EUR 15,00
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	EUR 127,00
DTM 12.10	Data cable, L 2,5 m, 9 pins (F)	0003127800	EUR 319,00
PC 1.2	Adapter, 25 pins	0002616800	EUR 57,00
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	EUR 74,00
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	EUR 57,00
PCI 8.2	Plug-in card, 25 pins	0008017500	EUR 1.200,00
USB SER 4	USB-serial converter 4 ports	0020003456	EUR 339,00
USB SER 8	USB-serial converter 8 ports	0020018480	EUR 583,00
USB SER 16	USB-serial converter 16 ports	0020018736	EUR 1.008,00
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	EUR 85,00
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	EUR 159,00
USB ISO	USB isolator	0020101935	EUR 147,00
ETH SER 4	Ethernet-serial converter 4 ports	0003192000	EUR 1.684,00
ETH SER 8	Ethernet-serial converter 8 ports	0020021350	EUR 1.326,00
ETH SER 16	Ethernet-serial converter 16 ports	0020021351	EUR 2.016,00

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. 0010005633
- C 1 Package 1/12**

Price on request

Ident. No. 0010005636
- C 1 Package 2/10**

Price on request

Ident. No. 0010005634
- C 1 Package 2/12**

Price on request

Ident. No. 0010005637
- C 1 Package 3/10**

Price on request

Ident. No. 0010005635
- C 1 Package 3/12**

Price on request

Ident. No. 0010005638



- 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 ISOPERIBOL I GLOBAL STANDARDS
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	12,5 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	0010001917	EUR 4.425,00
C 1.20	Water heater	0004501000	EUR 1.156,00
C 1.10	Combustion chamber	0004500300	EUR 825,00
C 1.12	Combustion chamber, halogen resistant	0004500400	EUR 2.400,00
C 1.50	Dot matrix printer	0004500600	EUR 1.003,00
C 1.30	Venting station	0004500900	EUR 1.772,00
C 1.1012	Organizer	0004500700	EUR 156,00
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	EUR 298,00
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	EUR 611,00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	EUR 38,00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	EUR 127,00



ACCESSORIES AND CONSUMABLES C 6000			
C 6010	Decomposition vessel, standard	0003770000	EUR 2.749,00
C 6012	Decomposition vessel, halogen resistant	0004504000	EUR 5.190,00
C 6010.10	Combustion shield	0020007518	EUR 98,50
C 1.50	Dot matrix printer	0004500600	EUR 1.003,00
C 6030	Venting station	0004504100	EUR 2.088,00
C 60.1012	Organizer	0004504200	EUR 218,00
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	EUR 859,00
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	EUR 2.188,00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	EUR 38,00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	EUR 127,00



ACCESSORIES ALL CALORIMETERS			
C 27	Calorimeter preparation set	0004579700	EUR 103,00
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	
C 29 (BS341-3)	Pressure regulator, oxygen	0020101322	EUR 1.019,00
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	
C 21	Pelleting press	0001605300	EUR 2.923,00
C 5010.8	Crucible holder, small	0004579800	EUR 143,00
C 5010.5	Crucible holder, big	0003055900	EUR 174,00



Product	Description	Ident. No.	Price
ACCESSORIES C 200			
C 200.RC	Set of hoses	0020010835	EUR 499,00
C 248	Oxygen station	0003520000	EUR 904,00
C 200.1	Measuring cup, 2000 ml	0003548900	EUR 39,00
C 200.2	Conversion kit for C 5012	0004028800	EUR 145,00



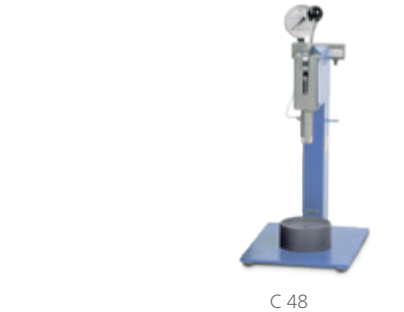
ACCESSORIES C 200, C 2000, C 5000			
C 5010	Decomposition vessel, standard	0007114000	EUR 3.423,00
C 5012	Decomposition vessel, halogen resistant	0007215000	EUR 6.953,00
C 5030	Venting station	0007198000	EUR 2.516,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 238,00
C 26	Prep stand	0008804000	EUR 178,00



ACCESSORIES C 2000, C 5000, C 6000			
C 5020	Sample rack	0007145000	EUR 5.535,00

ACCESSORIES C 2000, C 5000, C 7000			
C 5041.10	Connection cable	0003036000	EUR 43,00

ACCESSORIES C 1, C 2000, C 6000			
C 25	Pressure regulating valve	0003197200	EUR 330,00



ACCESSORIES C 7000			
C 7000	Measurement cell	0003008000	Price on Request
C 7010	Decomposition vessel, standard	0003015000	EUR 3.964,00
C 7012	Decomposition vessel, halogen resistant	0003017000	EUR 7.719,00
C 7002	Cooling system	0007011000	Price on Request
C 48	Oxygen station	0001560000	EUR 2.418,00
C 7030	Venting station	0003013300	EUR 1.883,00
C 7010.8	Venting handle	0007095000	EUR 424,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 238,00





Product	Description	Ident. No.	Price
CONSUMABLES ALL CALORIMETERS			
C 6000.1	Water protect, 100 ml	0020014031	EUR 71,00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	EUR 32,50
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	EUR 32,50
C 4	Quartz dish	0001695500	EUR 24,50
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	EUR 124,00
C 6	Quartz dish, big	0000355100	EUR 35,00
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	EUR 191,00
C 9	Gelatine capsules, 100 pcs.	0000749900	EUR 33,50
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	EUR 90,50
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	EUR 35,00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	EUR 36,00
C 15	Parafilm strips	0003131100	EUR 43,00
C 16	Parafilm, 1000 × 50 mm	0003801100	EUR 50,00
C 17	Paraffin, liquid, 30 ml	0003801200	EUR 83,00
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	EUR 551,00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	EUR 120,00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	EUR 757,00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	EUR 264,00
CONSUMABLES C 200, C 2000, C 5000, C 7000			
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	EUR 47,00
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	EUR 133,00
C 14	Combustible crucibles, 100 pcs.	0007224500	EUR 89,00



Product	Description	Ident. No.	Price
ACCESSORIES AOD 1			
AOD 1.1	Decomposition vessel	0003303000	EUR 5.532,00
AOD 1.2	External ignition unit	0003348000	EUR 1.299,00
AOD 1.3	Protection device	0003308000	EUR 2.181,00
AOD 1.13	Remote ignition head	0003348100	EUR 612,00
C 48	Oxygen station	0001560000	EUR 2.418,00
C 7030	Venting station	0003013300	EUR 1.883,00
C 21	Pelleting press	0001605300	EUR 2.923,00
C 29	Pressure gauge, oxygen	0000750200	EUR 1.019,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 238,00
CONSUMABLES AOD 1			
C 4	Quartz dish	0001695500	EUR 24,50
C 9	Gelatine capsules, 100 pcs.	0000749900	EUR 33,50
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	EUR 90,50
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	EUR 35,00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	EUR 36,00
C 14	Combustible crucibles, 100 pcs.	0007224500	EUR 89,00
C 15	Parafilm strips	0003131100	EUR 43,00
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	EUR 133,00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	EUR 32,50
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	EUR 264,00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	EUR 120,00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	EUR 757,00

C 6040 Calwin
EUR 2.004,00
Ident. No. 0004040500*

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



Product	Description	Ident. No.	Price
FIXING ELEMENTS			
H 44	Boss head clamp	0002437700	EUR 30,00
R 200	Clamp for T 10 basic and R 104	0003372000	EUR 32,00
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	EUR 82,00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	EUR 108,00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	EUR 174,00
R 350	Universal clamp	0001752900	EUR 102,00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	EUR 267,00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	EUR 329,00
LABLIFT m	Manual scissor lift	0004022400	EUR 278,00

STANDS			
R 104	Stand for T 10 basic, H 370 mm	0003386000	EUR 152,00
R 1825	Plate stand, H 560 mm	0003160000	EUR 262,00
R 1826	Plate stand, H 800 mm	0003160100	EUR 288,00
R 1827	Plate stand, H 1000 mm	0003160200	EUR 308,00
R 2722	H-stand, 1010 mm	0001412000	EUR 675,00
IKA [scale]	Stand with an integrated scale	0025004318	EUR 741,00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	EUR 1.251,00
T 653	Telescopic stand, H 1200 mm	0001608000	EUR 1.647,00
R 474	Telescopic stand, H 1200 mm	0001643000	EUR 1.647,00
R 472	Floor stand, H 2020 mm	0000738700	EUR 3.501,00
R 2850	Floor stand, H 1900 mm	0020002900	EUR 2.574,00
R 6547 H	Floor stand, hydraulic	0020018378	EUR 7.312,00
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018383	EUR 3.192,00



Product	Description	Ident. No.	Price
ELECTRONIC ACCESSORIES			
ALMEMO 2490	Temperature measuring instrument	0004709300	EUR 1.650,00
R 2850.SI	Safety stop	0020010623	EUR 1.165,00
IKA [scale]	Stand with weighing function	0025004318	EUR 741,00
R 6547 E 400V	Floor stand, electrohydraulics	0020018384	EUR 12.462,00
ACCESSORIES ALMEMO			
ALMEMO USB cable	USB cable	0004709400	EUR 335,00
PT 100.23	Temp. sensor, stn. steel	0003122100	EUR 271,00
PT 100.24	Temp. sensor, stn. steel, coated	0003122200	EUR 278,00
PT 100.25	Temp. sensor, stn. steel	0003122300	EUR 223,00

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



MultiDrive basic M 20 Successor Package

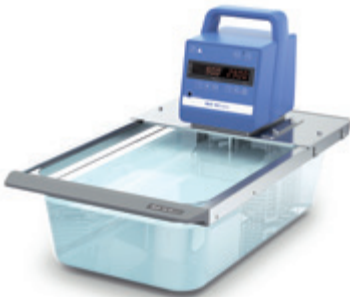
Product	Description	Ident. No.	Price
MAGNETIC STIRRER PACKAGE			
C-MAG HS 7 Package			
C-MAG HS 7	Magnetic stirrer with heating, ceramic plate	0003581200	EUR 901,00
ETS-D5	Electronic contact thermometer	0003378000	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
DISPERSER PACKAGE			
T 18 digital Package			
T 18 digital	Disperser	0003720000	EUR 2.014,00
S 18 N - 19 G	Dispersing tool	L004640	
MILL PACKAGE			
MultiDrive basic M 20 Successor Package			
MultiDrive basic	Universal crusher	0025002638	EUR 3.724,00
MI 250	Milling chamber	0025003967	



ICC basic eco 8



ICC control pro 9



ICC basic eco 18



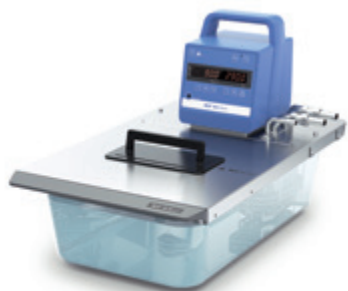
ICC control pro 20

Product	Description	Ident. No.	Price
HEATING BATH CIRCULATORS			
ICC basic eco 8 Package*			
ICC basic	Compact immersion circulator	0004134400	EUR 1.399,00
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 Package*			
ICC control	Compact immersion circulator	0004136600	EUR 1.999,00
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 Package*			
ICC basic	Compact immersion circulator	0004134400	EUR 1.539,00
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC control pro 9 Package*			
ICC control	Compact immersion circulator	0004136600	EUR 2.149,00
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic pro 12 Package*			
ICC basic	Compact immersion circulator	0004134400	EUR 1.599,00
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 Package*			
ICC control	Compact immersion circulator	0004136600	EUR 2.199,00
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC basic eco 18 Package*			
ICC basic	Compact immersion circulator	0004134400	EUR 1.539,00
IB eco 18	Bath vessel, plastic	0004248200	
ICC control eco 18 Package*			
ICC control	Compact immersion circulator	0004136600	EUR 2.139,00
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 20 Package*			
ICC basic	Compact immersion circulator	0004134400	EUR 1.699,00
IB pro 20	Bath vessel, stainless steel	0004248600	
ICC control pro 20 Package*			
ICC control	Compact immersion circulator	0004136600	EUR 2.299,00
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



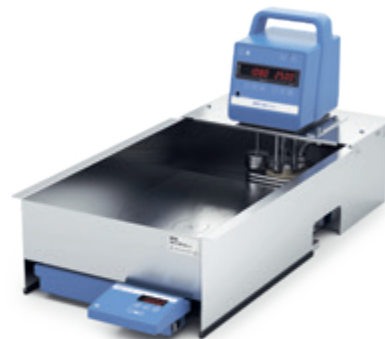
ICC control pro 20 c

Product	Description	Ident. No.	Price
COMBINED HEATING BATH CIRCULATORS			
ICC basic eco 8 c Package*			
ICC basic	Compact immersion circulator	0004134400	
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 c Package*			
ICC control	Compact immersion circulator	0004136600	
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 c Package*			
ICC basic	Compact immersion circulator	0004134400	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC control pro 9 c Package*			
ICC control	Compact immersion circulator	0004136600	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic pro 12 c Package*			
ICC basic	Compact immersion circulator	0004134400	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 c Package*			
ICC control	Compact immersion circulator	0004136600	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC basic eco 18 c Package*			
ICC basic	Compact immersion circulator	0004134400	
IB eco 18	Bath vessel, plastic	0004248200	
ICC control eco 18 c Package*			
ICC control	Compact immersion circulator	0004136600	
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 20 c Package*			
ICC basic	Compact immersion circulator	0004134400	
IB pro 20	Bath vessel, stainless steel	0004248600	
ICC control pro 20 c Package*			
ICC control	Compact immersion circulator	0004136600	
IB pro 20	Bath vessel, stainless steel	0004248600	

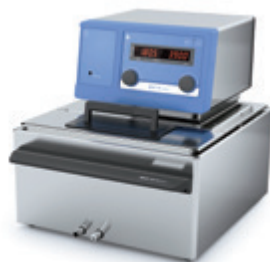
* Bath bridge, cover, pump connection set and cooling coil are included in delivery



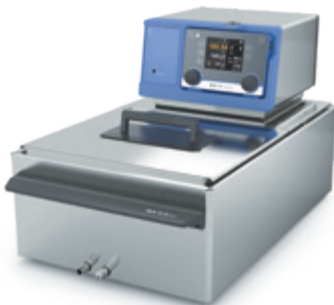
ICC control IB R RO 15 eco



ICC basic IB R RO 15 pro



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	0004134400	
IB R RO 15 eco	Bath vessel, plastic	0020006341	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
ICC control IB R RO 15 eco Package			
ICC control	Compact immersion circulator	0004136600	
IB R RO 15 eco	Bath vessel, plastic	0020006341	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
ICC basic IB R RO 15 pro Package			
ICC basic	Compact immersion circulator	0004134400	
IB R RO 15 pro	Bath vessel, stainless steel	0020003078	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
ICC control IB R RO 15 pro Package			
ICC basic	Compact immersion circulator	0004134400	
IB R RO 15 pro	Bath vessel, stainless steel	0020003078	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
IMMERSION CIRCULATOR IC PACKAGES			
IC basic pro 12 c Package*			
IC basic	Immersion circulator	0003861000	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
IC control pro 12 c Package*			
IC control	Immersion circulator	0003863000	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
IC basic pro 20 c Package*			
IC basic	Immersion circulator	0003861000	
IB pro 20	Bath vessel, stainless steel	0004248600	
CM.IC	Cover	0004577600	
IC control pro 20 c Package*			
IC control	Immersion circulator	0003863000	
IB pro 20	Bath vessel, stainless steel	0004248600	
CM.IC	Cover	0004577600	

* 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			
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			
RV 3	Drive	0020015793	EUR 2.396,00
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			
RV 3	Drive	0020015793	EUR 2.107,00
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			
RV 8	Drive	0025002822	EUR 2.799,00
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			
RV 8	Drive	0025002822	EUR 2.956,00
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			
RV 8	Drive	0025002822	EUR 2.649,00
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 8 dry ice condensor



RV 10 digital dry ice condensor C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES*			
RV 3 dry ice condensor			
RV 3	Drive	0020015793	EUR 2.709,00
HB eco	Heating bath	0025004726	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
RV 3 dry ice condensor C			
RV 3	Drive	0020015793	EUR 2.859,00
HB eco	Heating bath	0025004726	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask	0003740500	
RV 8 dry ice condensor			
RV 8	Drive	0025002822	EUR 3.261,00
HB digital	Heating bath	0020004009	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
RV 8 dry ice condensor C			
RV 8	Drive	0025002822	EUR 3.418,00
HB digital	Heating bath	0020004009	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10 digital dry ice condensor			
RV 10 digital	Drive	0003550099	EUR 4.684,00
HB digital	Heating bath	0020004009	
RV 10.84	Evaporation flask (NS 29/32, 1.000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
RV 10 digital dry ice condensor C			
RV 10 digital	Drive	0020015793	EUR 5.037,00
HB digital	Heating bath	0020004009	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask	0003740500	

*Balljoint clamp, clamp NS 29 and vapor tube NS 29/32 included in dry ice packages



RV 10 digital V-C



RV 10 auto V-C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES			
RV 10 digital V Package			
RV 10 digital	Drive	0003550099	EUR 4.221,00
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			
RV 10 digital	Drive	0003550099	EUR 4.575,00
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			
RV 10 digital	Drive	0003550099	EUR 3.164,00
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 V Package			
RV 10 auto	Drive	0020003919	EUR 7.002,00
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			
RV 10 auto	Drive	0020003919	EUR 7.429,00
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			
RV 10 auto	Drive	0020003919	EUR 5.902,00
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 pro V-C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES			
RV 10 auto pro V Package			
RV 10 auto	Drive	0020003919	EUR 8.886,00
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			
RV 10 auto	Drive	0020003919	EUR 9.297,00
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			
RV 10 auto	Drive	0020003919	EUR 8.526,00
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	



C 1

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 1 Package 1/10 Package		0010005633	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		0010005634	Price on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1 Package 3/10 Package		0010005635	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		10005636	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		0010005637	Price on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1 Package 3/12 Package		10005638	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, halogen resistant	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	0003770000	
C 6000 isoperibol Package 2/12		0010004527	Price on request
C 6000 isoperibol	Measurement cell	0004025000	
C 6012	Decomposition vessel, halogen resistant	0004504000	



C 7000



ROTAVISC me-vi Complete



Rotavisc hi-vi I HELI Complete

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 7000 Set 1 Package		0008800900	Price on request
C 7000	Measurement cell	0003008000	
C 7010	Decomposition vessel, standard	0003015000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	
C 7000 Set 2 Package		0008801400	Price on request
C 7000	Measurement cell	0003008000	
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	EUR 3.144,00
ROTASTAND		0020006787	
ROTAVISC me-vi Complete Package		0025000311	EUR 3.144,00
ROTASTAND		0020006787	
ROTAVISC hi-vi I Complete Package		0025000312	EUR 3.144,00
ROTASTAND		0020006787	
ROTAVISC hi-vi II Complete Package		0025000313	EUR 3.144,00
ROTASTAND		0020006787	
VISCOMETER Packages* HELISTAND			
ROTAVISC lo-vi HELI Complete Package		0025008225	EUR 3.599,00
HELISTAND		0025007567	
ROTAVISC me-vi HELI Complete Package		0025008226	EUR 3.599,00
HELISTAND		0025007567	
ROTAVISC hi-vi I HELI Complete Package		0025008227	EUR 3.599,00
HELISTAND		0025007567	
ROTAVISC hi-vi II HELI Complete Package		0025008228	EUR 3.599,00
HELISTAND		0025007567	

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



ElectraSyn 2.0



Screening System

Product	Description	Ident. No.	Price
ELECTROCHEMISTRY PACKAGES			
ElectraSyn 2.0 Package		0020008980	EUR 3.076,00
ElectraSyn 2.0	Base unit	0020001549	
Vial holder		0020014424	
Vial	10 ml	0020014424	
Stir plate attachment		0040001991	
Electrode Graphite	2 pcs.	0040002574	
ElectraSyn 2.0 pro Package		0040003261	EUR 3.616,00
ElectraSyn 2.0	Base unit	0020001549	
Vial holder		0020014424	
Vial	10 ml	0020014424	
Stir plate attachment		0040001991	
Electrode Graphite	2 pcs.	0040002574	
CV glassy carbon	Electrodes	0040002066	
CV Platinum	Electrodes	0040002569	
Ag / AgCl	Silver reference electrode	0040003172	
Screening System Package (6 divided cells)		0040003631	EUR 11.989,00
Reaction block		0020015936	
Electrolysis cells		0040001849	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004601	
Electrode graphite	16 pcs.	0040001850	
Screening System Package (8 undivided cells)		0040003642	EUR 11.034,00
Reaction block		0020015943	
Electrolysis cells		0040001849	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004601	
Electrode graphite	16 pcs.	0040001850	



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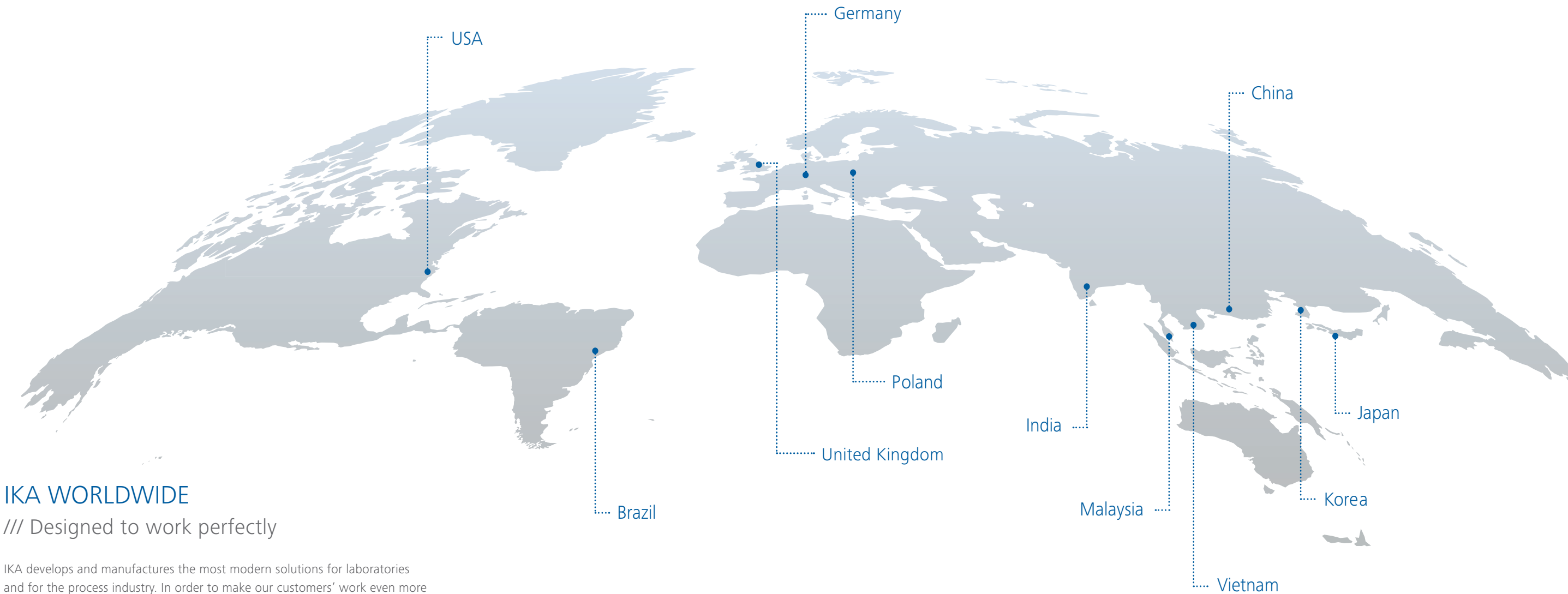
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