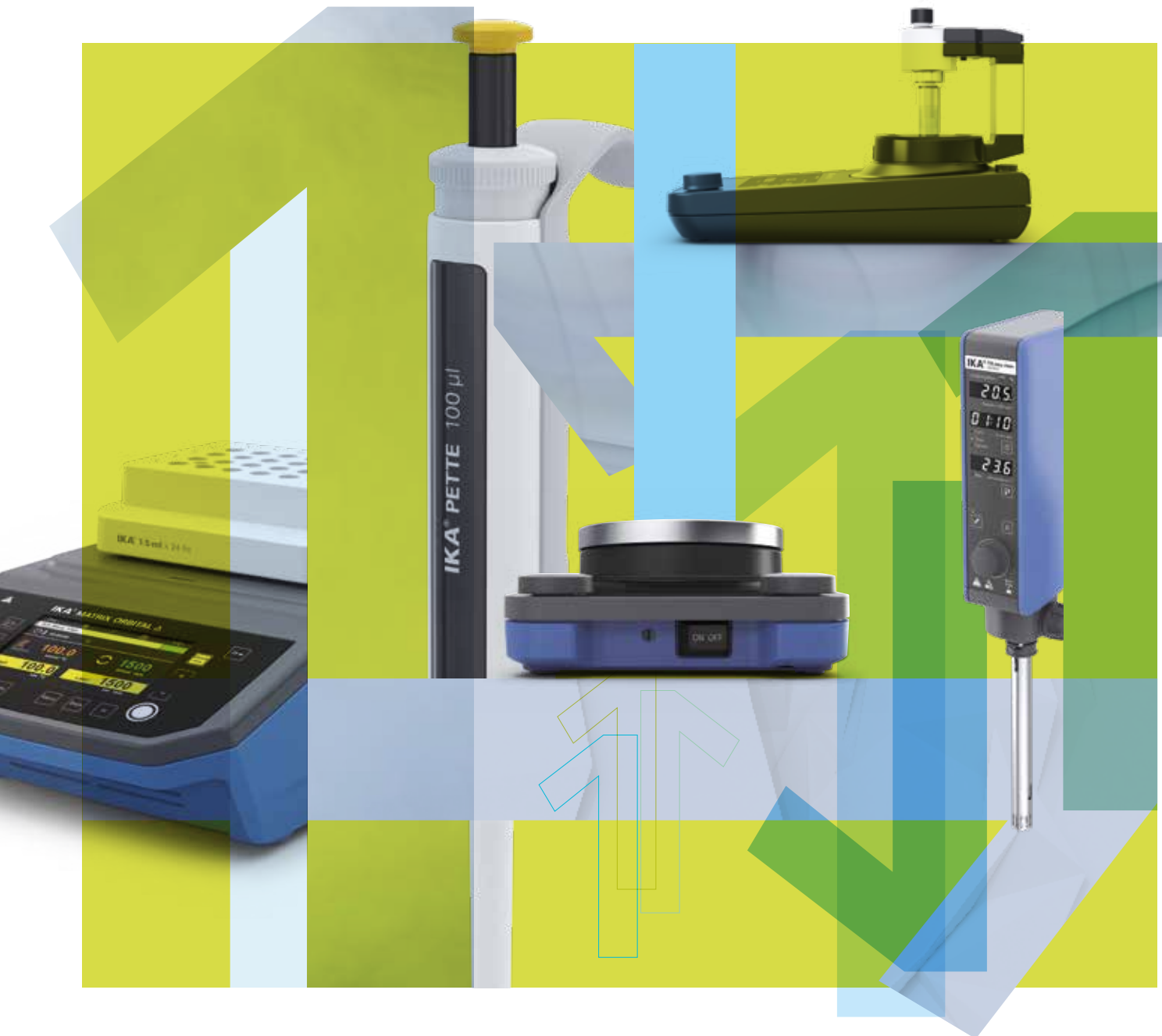


IKA

designed for scientists

EN



111 YEARS IKA
PRODUCT OVERVIEW 2021



111 Years IKA

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

Controlling / Measuring | 128 labworldsoft® 6
129 CalWin 6040

Accessories | 138 Mechanical
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IKA Packages | 140 Packages

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

Measuring Viscosity | 76 Measuring Stirrers
78 Viscometers

Liquid Handling | 116 Pipettes



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



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



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](#)



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

\$ 2,105.00

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

\$ 2,476.00

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	\$ 1,763.00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	\$ 2,452.00
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	\$ 2,264.00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	\$ 485.00
Pro-Seal	Vial cap for gas exchange	0040007151	\$ 354.00
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	\$ 541.00
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	\$ 169.00
ELECTRODES FOR E-HIVE			
Copper electrode inner	Anode copper (24 pcs.)	0040007427	\$ 283.00
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	\$ 113.00
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	\$ 225.00
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	\$ 494.00
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	\$ 391.00
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	\$ 139.00



Glass vial 5 ml

Glass vial complete 10 ml



ElectraSyn 2.0 Complete Starter Kit



Microvial 1 ml

Microvial 2 ml



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	\$ 100.00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	\$ 93.00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	\$ 94.00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	\$ 228.00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	\$ 155.00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	\$ 167.00
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	\$ 1,172.00
ElectraSyn 2.0 Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	\$ 824.00
ElectraSyn 2.0 vials only	Kit of 10 x 5 ml, 10 x 10 ml, 10 x 20 ml vials	0010003811	\$ 544.00
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	\$ 1,996.00
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	\$ 371.00
MICROVIALS / MICROELECTRODES			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	\$ 126.00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	\$ 126.00
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	\$ 323.00
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	\$ 319.00
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	\$ 1,739.00
ElectraSyn 2.0 microvials only	Kit 10 x 1 ml, 10 x 2 ml vials	0040004103	\$ 645.00
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	\$ 892.00
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	\$ 2,506.00



Product	Ident. No.	Price
ELECTRODES		
① Electrode graphite (12 pcs.)	0040002858	\$ 133.00
② Electrode glassy carbon (2 pcs.)	0040002842	\$ 99.00
Electrode lead bronze (2 pcs.)	0020016076	\$ 100.00
Electrode lead (12 pcs.)	0040002843	\$ 249.00
Electrode tungsten (2 pcs.)	0040002845	\$ 253.00
③ Electrode niobium (2 pcs.)	0040002846	\$ 93.00
④ Electrode copper (12 pcs.)	0040002847	\$ 70.00
Electrode magnesium (12 pcs.)	0040002848	\$ 243.00
Electrode titanium (12 pcs.)	0040002849	\$ 225.00
Electrode zinc (12 pcs.)	0040002850	\$ 225.00
Electrode stainless steel (12 pcs.)	0040002851	\$ 61.00
⑤ Electrode platinum plated (2 pcs.)	0040002852	\$ 89.00
Electrode platinum foil (2 pcs.)	0040005015	\$ 436.00
Electrode platinum on ceramics (2 pcs.)	0040006753	\$ 236.00
Electrode gold plated (2 pcs.)	0040002853	\$ 226.00
⑥ Electrode silver plated (2 pcs.)	0040002854	\$ 72.00
Electrode aluminium (12 pcs.)	0040003174	\$ 132.00
Electrode boron doped diamond (2 pcs.)	0040002856	\$ 392.00
Electrode tin (12 pcs.)	0040002857	\$ 235.00
⑦ Electrode nickel (12 pcs.)	0040002859	\$ 153.00
⑧ Electrode RVC foam (12 pcs.)	0040002860	\$ 223.00
Electrode nickel foam (12 pcs.)	0040002861	\$ 55.00
Electrode cobalt (2 pcs.)	0040003385	\$ 61.00
⑨ Electrode reference (1 pc.)	0040002865	\$ 161.00
Electrode CV glassy carbon (1 pc.)	0040002863	\$ 82.00



Product	Ident. No.	Price
MICROELECTRODES		
① Microelectrode aluminium (12 pcs.)	0040004029	\$ 68.00
Microelectrode boron-doped diamond (2 pcs.)	0040004036	\$ 554.00
② Microelectrode cobalt (2 pcs.)	0040004039	\$ 96.00
③ Microelectrode copper (12 pcs.)	0040004027	\$ 69.00
④ Microelectrode glassy carbon (2 pcs.)	0040004022	\$ 122.00
⑤ Microelectrode gold (2 pcs.)	0040004034	\$ 158.00
Microelectrode graphite SK-50 (12 pcs.)	0040004021	\$ 160.00
Microelectrode lead (12 pcs.)	0040004028	\$ 655.00
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	\$ 170.00
Microelectrode magnesium (12 pcs.)	0040004025	\$ 384.00
Microelectrode nickel (12 pcs.)	0040004023	\$ 502.00
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	\$ 71.00
⑧ Microelectrode niobium (2 pcs.)	0040004032	\$ 159.00
Microelectrode platinum (2 pcs.)	0040004038	\$ 147.00
Microelectrode silver (2 pcs.)	0040004035	\$ 55.00
Microelectrode stainless steel (12 pcs.)	0040004024	\$ 118.00
⑨ Microelectrode tin (12 pcs.)	0040004037	\$ 440.00
Microelectrode titanium (12 pcs.)	0040004033	\$ 384.00
Microelectrode tungsten (2 pcs.)	0040004031	\$ 74.00
Microelectrode zinc (12 pcs.)	0040004026	\$ 384.00
Microelectrode graphite V2100 (2 pcs.)	0040004040	\$ 99.00

Screening System Package
(8 cells)

\$ 18,950.00
Ident. No. 0040003864



Screening System Package
(6 cells)

\$ 18,950.00
Ident. No. 0020017582



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	\$ 2,886.00
Reaction block with 8 undivided cells	0020015943	\$ 1,582.00
Set of reaction cells (6 divided cells)	0040003647	\$ 2,465.00
Set of reaction cells (8 undivided cells)	0040003648	\$ 1,219.00
ELECTRODES		
Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	\$ 5,487.00
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	\$ 1,359.00
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	\$ 234.00
Electrode 0.7 platinum (8 pcs.)	0040003678	\$ 833.00
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	\$ 709.00
Electrode 0.7 gold (8 pcs.)	0040003934	\$ 528.00
Electrode 0.7 silver (8 pcs.)	0040003938	\$ 309.00
Electrode 0.7 nickel foam (16 pcs.)	0040003935	\$ 112.00
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	\$ 936.00
Electrode 0.7 nickel (16 pcs.)	0040003671	\$ 636.00
Electrode 0.7 stainless steel (8 pcs.)	0040003672	\$ 352.00
Electrode 0.7 lead (16 pcs.)	0040003673	\$ 693.00
Electrode 0.7 lead bronze (8 pcs.)	0040003674	\$ 456.00
Electrode 0.7 copper (8 pcs.)	0040003675	\$ 299.00
Electrode 0.7 magnesium (16 pcs.)	0040003677	\$ 636.00
Electrode 0.7 zinc (16 pcs.)	0040003680	\$ 600.00
Electrode 0.7 aluminium (16 pcs.)	0040003682	\$ 749.00
Electrode 0.7 cobalt (8 pcs.)	0040003933	\$ 433.00
Electrode 0.7 niobium (8 pcs.)	0040003936	\$ 394.00
Electrode 0.7 tin (8 pcs.)	0040003939	\$ 341.00
Electrode 0.7 titanium (8 pcs.)	0040003940	\$ 315.00
Electrode 0.7 tungsten (8 pcs.)	0040003941	\$ 456.00
Electrode 0.7 RVC (16 pcs.)	0040003937	\$ 551.00
Electrode 0.7 Sampler Kit incl. 7 x 2 electrodes*	0040004509	\$ 2,030.00
Electrode 0.7 Starter Kit incl. 9 x 1 electrode**	0040003646	\$ 6,235.00
Electrode 0.7 power supply	0040003871	\$ 5,728.00
SC 1.1 Cable (1 – 4)	0040003663	\$ 180.00
SC 1.2 Cable (5 – 8)	0020018590	\$ 180.00
SC 2.1 Crocodile clip for cable set	0040003630	\$ 32.00
labworldsoft® 6 Screening System	0020023690	on request

*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)

\$ 1,008.00
Ident. No. 0025005389



RCT 5 digital

\$ 1,211.00
Ident. No. 0020002705



New: 850 W heating power

C-MAG HS 7 control

\$ 969.00
Ident. No. 0020002695



RET control-visc

\$ 1,236.00
Ident. No. 0005020001

Weighing function & pH measurement

RET control-visc white

\$ 1,250.00
Ident. No. 0005030001



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

\$ 668.00
Ident. No. 0004240201

② C-MAG HS 7 digital

\$ 715.00
Ident. No. 0003487001

③ C-MAG HS 10 digital

\$ 1,047.00
Ident. No. 0004240401



① C-MAG HS 4

\$ 656.00
Ident. No. 0003581001

② C-MAG HS 7

\$ 681.00
Ident. No. 0003581201

③ C-MAG HS 10

\$ 835.00
Ident. No. 0003581401



① RH basic

\$ 513.00
Ident. No. 0005019701

② RH basic white

\$ 534.00
Ident. No. 0005029701



① RH digital

\$ 575.00
Ident. No. 0005019801

② RH digital white

\$ 596.00
Ident. No. 0004678001



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

\$ 1,186.00
Ident. No. 0003622001



RCT basic

\$ 943.00
Ident. No. 0003810001



① RT 5

\$ 2,501.00
Ident. No. 0003690601

② RT 10

\$ 2,947.00
Ident. No. 0003691101

③ RT 15

\$ 3,540.00
Ident. No. 0003692601

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**
\$ 1,796.00
Ident. No. 0003690500

② **RO 10**
\$ 2,213.00
Ident. No. 0003691000

③ **RO 15**
\$ 2,630.00
Ident. No. 0003692500

Adjustable reverse operation

③



KMO 3 basic
\$ 742.00
Ident. No. 0020004631

Illuminated, flat stirring plate





① **Midi MR 1 digital**
\$ 3,216.00
Ident. No. 0025002970

② **Maxi MR 1 digital**
\$ 4,599.00
Ident. No. 0025002981

① **C-MAG MS 4**
\$ 559.00
Ident. No. 0003582201

② **C-MAG MS 7**
\$ 582.00
Ident. No. 0003582401

③ **C-MAG MS 10**
\$ 777.00
Ident. No. 0003582601

①



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
\$ 100.00
Ident. No. 0003368000



IKA myPlate
\$ 411.00
Ident. No. 0025005156

Design the set-up plate yourself



lab disc
\$ 384.00
Ident. No. 0003907500



Mini MR standard
\$ 442.00
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



Product	Ident. No.	Price
TEMPERATURE SENSORS		
Stainless steel		
PT 1000.60	0003516800	\$ 227.00
PT 1000.80	0004443000	\$ 215.00
PT 100.70	0020000440	\$ 72.00
Glass-coated		
PT 1000.70	0003736000	\$ 306.00
PT 100.51	0002600300	\$ 243.00
SafeCoat (PFA, PTFE)		
PT 1000.90	0004480600	\$ 246.00
PT 100.53	0004499700	\$ 448.00
Dual		
PT 1000.50	0003367600	\$ 471.00
PT 1000.51	0003377700	\$ 478.00

ELECTRONIC CONTACT THERMOMETERS		
ETS-D5	0003378000	\$ 258.00
ETS-D6	0003378100	\$ 635.00

SENSORS FOR ETS-D5 / ETS-D6		
H 62.51	0002735451	\$ 225.00
H 66.51, glass coated	0002735551	\$ 279.00
H 66.53, coated	0004499900	\$ 379.00
H 70, extension cable	0002735600	\$ 145.00



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	\$ 163.00
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	\$ 279.00
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	\$ 78.00
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	\$ 83.00
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	\$ 84.00
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	\$ 75.00
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	\$ 83.00
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	\$ 94.00
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	\$ 76.00
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	\$ 88.00

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	\$ 152.00
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	\$ 163.00
H 135.201 Flask inlay 10 ml	–	33.8 mm	0025000636	\$ 67.00
H 135.202 Flask inlay 25 ml	–	43.8 mm	0025000637	\$ 67.00
H 135.203 Flask inlay 50 ml	–	52.8 mm	0025000638	\$ 67.00

250 ML FLASK HEATING BLOCK SERIES				
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	\$ 194.00
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	\$ 276.00

500 ML FLASK HEATING BLOCK SERIES				
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	\$ 163.00
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	\$ 184.00
H 135.301 Flask inlay 100 ml	–	66.3 mm	0025000641	\$ 98.00
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	\$ 98.00

1000 ML FLASK HEATING BLOCK SERIES				
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	–	0025000833	\$ 235.00
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	–	0004448500	\$ 265.00
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	\$ 168.00

2000 ML FLASK HEATING BLOCK SERIES				
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	–	0025000834	\$ 285.00
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	–	0004448600	\$ 327.00
H 135.501 Flask inlay 1000 ml	–	131.8 mm	0025000645	\$ 247.00

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	\$ 20.00	10 cross (5 pcs.)	10 × 10 mm	0004496200	\$ 30.00
15 round (5 pcs.)	15 × 6 mm	0004488700	\$ 20.00	20 cross (5 pcs.)	20 × 20 mm	0004496400	\$ 40.00
20 round (5 pcs.)	20 × 8 mm	0004488800	\$ 20.00	25 cross (5 pcs.)	25 × 25 mm	0004496600	\$ 39.00
25 round (5 pcs.)	25 × 8 mm	0004488900	\$ 28.00	30 cross (5 pcs.)	30 × 30 mm	0004496800	\$ 57.00
30 round (5 pcs.)	30 × 8 mm	0004489000	\$ 24.00	38 cross (5 pcs.)	38 × 38 mm	0004497000	\$ 63.00
40 round (5 pcs.)	40 × 8 mm	0004489100	\$ 29.00	IKAFLON® BONE PTFE-COATED			
50 round (5 pcs.)	50 × 8 mm	0004489200	\$ 31.00	37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	\$ 89.00
80 round (5 pcs.)	80 × 10 mm	0004489300	\$ 75.00	54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	\$ 110.00
110 round (1 pc.)	108 × 27 mm	0000793300	\$ 95.00	IKAFLON® BEAKER PTFE-COATED			
155 round (1 pc.)	153 × 27 mm	0001129000	\$ 100.00	74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	\$ 517.00

IKAFLON® ROUND GLASS-COATED			
25 round (5 pcs.)	25 × 6 mm	0004492200	\$ 59.00
40 round (5 pcs.)	40 × 8 mm	0004492600	\$ 64.00
50 round (5 pcs.)	50 × 8 mm	0004492800	\$ 41.00

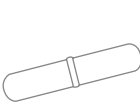
IKAFLON® SLIDE ROUND			
25 slide (5 pcs.)	25 × 6 mm	0004493800	\$ 24.00
30 slide (5 pcs.)	30 × 6 mm	0004494000	\$ 24.00
40 slide (5 pcs.)	40 × 8 mm	0004494200	\$ 36.00
50 slide (5 pcs.)	50 × 8 mm	0004494400	\$ 45.00

IKAFLON® POWER			
20 power (5 pcs.)	20 × 6 mm	0004493000	\$ 50.00
30 power (5 pcs.)	30 × 6 mm	0004493200	\$ 68.00
50 power (5 pcs.)	50 × 8 mm	0004493400	\$ 85.00

IKAFLON® ELLIPSE PTFE-COATED			
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	\$ 31.00
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	\$ 36.00
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	\$ 45.00
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	\$ 65.00
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	\$ 73.00
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	\$ 102.00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	\$ 177.00

SET OF MAGNETIC STIRRING BARS			
RS 1		0001358600	\$ 347.00
RS 2		0004499100	\$ 365.00

STIRRING BAR REMOVER			
RSE	Stirring bar remover	0001293100	\$ 128.00



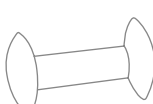
IKAFLON® round
PTFE-coated



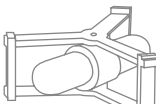
IKAFLON® ellipse
PTFE-coated



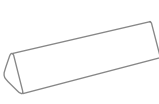
IKAFLON® cross
PTFE-coated



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	\$ 936.00
COVERS			
H 102	Cover for RH basic	0004281600	\$ 56.00
H 103	Cover for RH digital	0004299100	\$ 56.00
H 100	Cover for RCT basic and RET basic	0003661000	\$ 52.00
H 104	Cover for RET control-visc	0004209500	\$ 53.00
MAINS CABLES			
H 11	Mains cable Euro plug	0001091500	\$ 45.00
H 11	Mains cable USA plug	0003564500	\$ 45.00
H 11	Mains cable UK plug	0002410700	\$ 45.00
H 11	Mains cable CH plug	0001091600	\$ 45.00
H 11	Mains cable IN plug	0003923600	\$ 45.00
PLASTIC BATH FOR MAGNETIC STIRRER RO 15			
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	\$ 2,070.00
LABLIFT			
LABLIFT m	Up to 25 kg (max. static load)	0004022400	\$ 256.00
IKA PLATE ADAPTER			
IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	\$ 281.00
BEAKER CAP			
BC 1000	Beaker cap	0020003417	\$ 29.00



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	\$ 384.00
H 30	Oil bath attachment, 1.5 l	0002829500	\$ 411.00
BEAKERS, STAINLESS STEEL			
H 1000	Beaker, stainless steel, 1 l	0004444401	\$ 580.00
H 1500	Beaker, stainless steel, 1.5 l	0004444501	\$ 459.00
H 3000	Beaker, stainless steel, 3 l	0004444503	\$ 562.00
H 5000	Beaker, stainless steel, 5 l	0004444505	\$ 695.00
HEATING JACKETS			
HG 600	Heating jacket for beaker 600 ml	0020003416	\$ 229.00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	\$ 287.00
HOLDERS			
H 16 V	Support rod	0001545100	\$ 52.00
H 16.3	Extension for support rod	0025000622	\$ 48.00
H 44	Boss head clamp	0002437700	\$ 39.00
H 38	Holding rod	0003547700	\$ 31.00

LABORATORY SOFTWARE
labworldsoft® 6 Starter

\$ 5,485.00
Ident. No. 0020019397

labworldsoft® 6 Pro

\$ 12,892.00
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

\$ 1,073.00

Ident. No. 0025004356

NEW!

MICROSTAR 7.5 digital

\$ 1,087.00

Ident. No. 0025004715

MICROSTAR 7.5 control

\$ 1,489.00

Ident. No. 0025005282

Speed range:
50 – 2000 rpm

MICROSTAR 15 digital

\$ 1,169.00

Ident. No. 0025004883

MICROSTAR 15 control

\$ 1,613.00

Ident. No. 0025005285

MICROSTAR 30 digital

\$ 1,223.00

Ident. No. 0025004884

MICROSTAR 30 control

\$ 1,739.00

Ident. No. 0025005286

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

\$ 1,169.00
Ident. No. 0025006561



MINISTAR 20 control

\$ 1,863.00
Ident. No. 0025005074

MINISTAR 40 digital

\$ 1,304.00
Ident. No. 0025006569



MINISTAR 40 control

\$ 1,988.00
Ident. No. 0025005078

MINISTAR 80 digital

\$ 1,440.00
Ident. No. 0025006577



MINISTAR 80 control

\$ 2,114.00
Ident. No. 0025005082



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

\$ 1,508.00
Ident. No. 0004442001



EUROSTAR 40 digital

\$ 1,681.00
Ident. No. 0004444001



EUROSTAR 60 digital

\$ 1,887.00
Ident. No. 0004446001

EUROSTAR 100 digital

\$ 3,276.00
Ident. No. 0004238101



EUROSTAR 100 control

\$ 3,643.00
Ident. No. 0004028501

EUROSTAR 200 digital

\$ 4,210.00
Ident. No. 0003990001

EUROSTAR 200 control

\$ 4,373.00
Ident. No. 0003992001



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

\$ 4,984.00
Ident. No. 0025000750



EUROSTAR 400 control

\$ 5,903.00
Ident. No. 0025000757

EUROSTAR 20 high speed digital

\$ 2,432.00
Ident. No. 0004028601



EUROSTAR 20 high speed control

\$ 3,534.00
Ident. No. 0025001463

EUROSTAR 100 control P4

\$ 6,704.00
Ident. No. 0025004504



EUROSTAR 200 control P4

\$ 5,263.00
Ident. No. 0004090001



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

\$ 1,068.00
Ident. No. 0003593001



RW 28 digital

\$ 5,518.00
Ident. No. 0005040001



RW 47 digital

\$ 9,560.00
Ident. No. 0004050010



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	\$ 246.00
R 1345	550 8 100 mm	≤ 800 rpm	0000741300	\$ 284.00
R 2302	800 13 150 mm	≤ 600 rpm	0000739000	\$ 1,179.00
PROPELLER STIRRERS, 3-BLADED				
R 1381	350 8 45 mm	≤ 2000 rpm	0001296000	\$ 269.00
R 1382	350 8 55 mm	≤ 2000 rpm	0001295900	\$ 269.00
R 1385	550 10 140 mm	≤ 800 rpm	0000477700	\$ 282.00
R 1388	800 10 140 mm	≤ 400 rpm	0000477800	\$ 775.00
R 1389*	350 8 75 mm	≤ 800 rpm	0002343600	\$ 1,092.00
TURBINE STIRRERS				
R 1311	350 8 30 mm	≤ 2000 rpm	0002332900	\$ 376.00
R 1312	350 8 50 mm	≤ 2000 rpm	0002333000	\$ 476.00
R 1313	400 10 70 mm	≤ 800 rpm	0002333100	\$ 615.00
CENTRIFUGAL STIRRERS				
R 1352	350 8 60/15 mm	≤ 2000 rpm	0000756900	\$ 340.00
R 1355	550 8 100/24 mm	≤ 800 rpm	0001132700	\$ 437.00
DISSOLVER STIRRERS				
R 1300	350 8 80 mm	≤ 2000 rpm	0000513500	\$ 465.00
R 1302	350 10 100 mm	≤ 1000 rpm	0002387900	\$ 751.00
R 1303	350 8 40 mm	≤ 2000 rpm	0002746700	\$ 638.00
PADDLE STIRRERS				
R 1375	550 8 70 mm	≤ 800 rpm	0000757700	\$ 365.00
R 1376	550 10 150 mm	≤ 800 rpm	0000757800	\$ 763.00
R 2311	800 13 150 mm	≤ 600 rpm	0000739500	\$ 886.00
ANCHOR STIRRERS				
R 1330	350 8 45 mm	≤ 1000 rpm	0002022300	\$ 361.00
R 1331	350 8 90 mm	≤ 1000 rpm	0002022400	\$ 403.00
R 1333	550 10 150 mm	≤ 800 rpm	0002747400	\$ 793.00
MOEBIUS STIRRERS				
R 3000.1	565 10 100 mm	≤ 800 rpm	0020001192	\$ 547.00
R 3001.1	575 10 100 mm	≤ 800 rpm	0020001195	\$ 558.00
SPIRAL STIRRERS				
R 3003	350 8 50 mm	≤ 800 rpm	0020001203	\$ 468.00
R 3003.1	550 10 100 mm	≤ 800 rpm	0020001204	\$ 534.00
R 3003.2	800 10 150 mm	≤ 800 rpm	0020001205	\$ 780.00
BLADE STIRRERS				
R 3004	359 8 30 mm	≤ 1000 rpm	0020001206	\$ 406.00
R 3004.1	565 10 50 mm	≤ 1000 rpm	0020001207	\$ 546.00
R 3004.2	819 10 70 mm	≤ 1000 rpm	0020001208	\$ 738.00
PADDLE STIRRERS SCREW-TYPE STIRRERS				
R 1001	160 4 34 mm	2000 rpm	0000527400	\$ 571.00
R 1002	140 4 12 mm	2000 rpm	0000527500	\$ 253.00

* (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

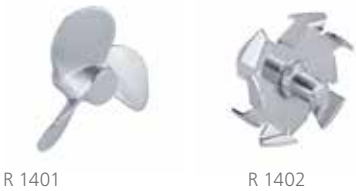
			NANOSTAR digital	MICRO- STARS digital control	MINISTARS digital control
Product	Ident. No.	Price			
TEMPERATURE SENSORS					
H 67.60 stainless steel	0025006664	\$ 143.00	–	control	control
H 67.61 stainless steel	0020003865	\$ 335.00	–	control	control
H 68.55 stainless steel	0025001479	\$ 208.00	–	control	control
H 70 extension cable	0002735600	\$ 145.00	–	control	control
SENSORS IN COMBINATION WITH H 70					
H 62.51 stainless steel	0002735451	\$ 225.00	–	control	control
H 66.51 glass-coated	0002735551	\$ 279.00	–	control	control
H 66.53 coated	0004499900	\$ 379.00	–	control	control
STANDS					
Plate stands					
IKA [scale]	0025004318	\$ 1,089.00	++	++	++
R 1825	0003160000	\$ 218.00	++	++	++
R 1826	0003160100	\$ 246.00	++	++	++
R 1827	0003160200	\$ 256.00	++	++	++
H-stand					
R 2722	0001412000	\$ 495.00	–	++	++
Telescopic stands					
R 2723	0001412100	\$ 540.00	–	++	++
R 474	0001643000	\$ 4,512.00	–	–	–
Floor stands					
R 472	0000738700	\$ 6,436.00	–	–	–
R 2850	0020002900	\$ 5,108.00	–	–	–
R 6547 H	0020018378	\$ 12,049.00	–	–	–
R 6547 E 400V	0020018384	on request	–	–	–



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

EUROSTAR 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	–	–	–
++	+	–	–	–	–	–	++	–	–
++	+	+	–	–	–	–	++	–	–
++	+	+	–	–	–	–	++	–	–
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++	++	++	++	++	++	++	++	++	–
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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	\$ 543.00
R 1405	Propeller, Ø 45 mm	0001289800	\$ 437.00
R 1402	Dissolver, Ø 42 mm	0001243300	\$ 629.00
ACCESSORIES FOR PROTECTION AND SAFETY			
R 301	Stirring shaft protection	0002603000	\$ 287.00
R 301.1	Support holder for R 301	0002604000	\$ 349.00
R 303	Stirring shaft protection	0030000257	\$ 746.00
SI 400	Safety switch	0003294800	\$ 1,746.00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	\$ 1,716.00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	\$ 1,716.00
FURTHER ACCESSORIES			
WH 11	Wall mount for WiCo	0025001500	\$ 42.00
FK 1	Flexible coupling	0002336000	\$ 425.00
R 60	Keyless chuck	0003889500	\$ 150.00
R 60.1	Keyless chuck	0025007821	on request

LABORATORY SOFTWARE
labworldsoft® 6 Starter

\$ 5,485.00
Ident. No. 0020019397

labworldsoft® 6 Pro

\$ 12,892.00
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 thermo-shakers 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.

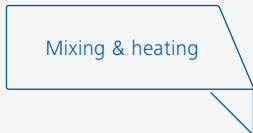
Matrix Orbital

\$ 2,513.00

Ident. No. 0020025539



- ① **Matrix Orbital Δ FP**
\$ 3,362.00
Ident. No. 0020025678
- ② **Matrix Orbital Δ F0.5**
\$ 3,362.00
Ident. No. 0020025648
- ③ **Matrix Orbital Δ F1.5**
\$ 3,362.00
Ident. No. 0020025658
- ④ **Matrix Orbital Δ F2.0**
\$ 3,362.00
Ident. No. 0020025668



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



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

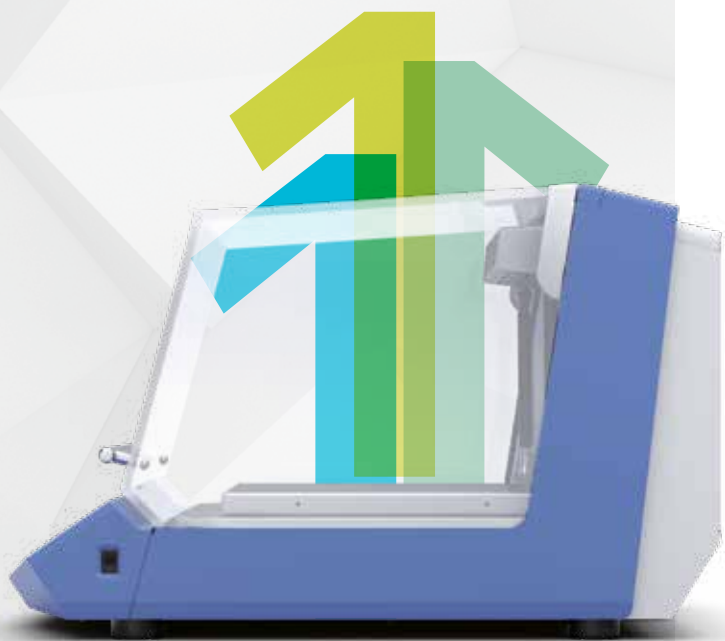
Product	Description	Ident. No.	Price
ACCESSORIES THERMOSHAKERS			
(A) Matrix Cover	Cover	0030001253	\$ 138.00
(B) Matrix Thermo Cover	Cover, heatable	0030001244	\$ 694.00
(K) Matrix PCR 96 attachment	Attachment for 96 PCR plates	0030000853	\$ 824.00
(L) Matrix PCR 384 attachment	Attachment for 384 PCR plates	0030000857	\$ 824.00
(J) Matrix 0.5 ml attachment	Attachment for vials, 24 x 0.5 ml vials	0030000840	\$ 694.00
(G) Matrix 1.5 ml attachment	Attachment for vials, 24 x 1.5 ml vials	0030000829	\$ 694.00
(F) Matrix 2.0 ml attachment	Attachment for vials, 24 x 2.0 ml vials	0030000834	\$ 694.00
(E) Matrix 5 ml attachment	Attachment for vials, 8 x 5 ml vials	0030000859	\$ 694.00
(H) Matrix 12 mm attachment	Attachment for vials, 24 x 12 mm vials	0030000844	\$ 694.00
(D) Matrix 15 ml attachment	Attachment for vials, 8 x 15 ml vials	0030000821	\$ 694.00
(C) Matrix 50 ml attachment	Attachment for vials, 4 x 50 ml vials	0030000863	\$ 694.00
(I) Matrix Cryo attachment	Attachment for vials, 24 x cryo vials	0030000848	\$ 694.00
(3) Matrix 0.5 ml insert	Insert for 0.5 ml vials	0030001157	\$ 54.00
(2) Matrix 1.5 / 2.0 ml insert	Insert for 1.5 / 2.0 ml vials	0030001158	\$ 54.00
(1) Matrix PCR insert	Insert for 0.2 ml PCR vials	0030001159	\$ 54.00
(M) Matrix plate attachment	Attachment for microtiter plates	0030000849	\$ 824.00

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**
\$ 6,163.00
Ident. No. 0003940001

② **KS 3000 ic control**
\$ 7,705.00
Ident. No. 0003940101



KS 3000 ic with built-in cooling coil

① **KS 4000 i control**
\$ 8,952.00
Ident. No. 0003510001

② **KS 4000 ic control**
\$ 9,829.00
Ident. No. 0003510101



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

\$ 914.00

Ident. No. 0004002000

②

ROCKER 2D digital

\$ 1,043.00

Ident. No. 0004003000

①

ROCKER 3D basic

\$ 1,123.00

Ident. No. 0004000000

②

ROCKER 3D digital

\$ 1,218.00

Ident. No. 0004001000

①

ROLLER 6 basic

\$ 1,836.00

Ident. No. 0004010000

②

ROLLER 6 digital

\$ 2,131.00

Ident. No. 0004011000

①

ROLLER 10 basic

\$ 2,173.00

Ident. No. 0004012000

②

ROLLER 10 digital

\$ 2,548.00

Ident. No. 0004013000

Adjustable shaking angle: 2.5 – 15°

Removable rolls



SHAKERS | Rotating / Overhead / Orbital

51

①

Loopster basic

\$ 852.00

Ident. No. 0004015000

②

Loopster digital

\$ 993.00

Ident. No. 0004016000

①

Trayster basic

\$ 903.00

Ident. No. 0004005000

②

Trayster digital

\$ 999.00

Ident. No. 0004006000

①

Hula Dancer basic

\$ 409.00

Ident. No. 0025004320

②

Hula Dancer digital

\$ 486.00

Ident. No. 0025003634

①

MS 3 basic

\$ 616.00

Ident. No. 0003617000

②

MS 3 digital

\$ 695.00

Ident. No. 0003319000

③

MS 3 control

\$ 729.00

Ident. No. 0020016017

Different attachments allow a variety of applications

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 x H x D)	280 x 150 x 330 mm	280 x 165 x 330 mm 280 x 185 x 330 mm	240 x 115 x 545 mm	380 x 115 x 545 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

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 x H x D)	300 x 360 x 300 mm	460 x 180 x 140 mm	123 x 42 x 123 mm	148 x 63 x 205 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 42	IP 21

VORTEX 2

\$ 382.00
Ident. No. 0025001607



VORTEX 3

\$ 593.00
Ident. No. 0003340001



HANDS FOR CHILDREN

The aid project HANDS FOR CHILDREN was created in 2000 by IKA owner and Managing Director René Stiegelmann. 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

\$ 283.00
Ident. No. 0004047700



MTS 2/4 digital

\$ 1,805.00
Ident. No. 0003208001



For shaking two or four microtiter plates

VXR basic Vibrax®

\$ 1,278.00
Ident. No. 0002819001



lab dancer

\$ 189.00
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
\$ 1,875.00
Ident. No. 0002980001
- ②

KS 130 control
\$ 2,826.00
Ident. No. 0002980101
- ③

KS 130 control NOL
\$ 2,898.00
Ident. No. 0004278201



BESTSELLER

- ①

KS 260 basic
\$ 2,796.00
Ident. No. 0002980201
- ②

KS 260 control
\$ 3,353.00
Ident. No. 0002980301
- ③

KS 260 control NOL
\$ 3,438.00
Ident. No. 0004278401



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 × H × D)	270 × 98 × 316 mm	360 × 98 × 420 mm
Protection class according to DIN EN 60529	IP 21	IP 21

- ①

HS 260 basic
\$ 2,810.00
Ident. No. 0003066601
- ②

HS 260 control
\$ 3,370.00
Ident. No. 0003066701
- ③

HS 260 control NOL
\$ 3,438.00
Ident. No. 0004278601



15 kg permissible
shaking weight

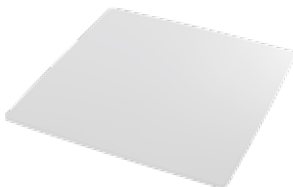
- ①

HS 501 digital
\$ 3,716.00
Ident. No. 0025002983
- ②

KS 501 digital
\$ 3,637.00
Ident. No. 0025002986



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 × H × D)	360 × 100 × 420 mm	505 × 120 × 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	\$ 108.00
RD 1	Universal mat	0004532000	\$ 21.00
RD 2	Burled mat	0004532100	\$ 26.00
TB 1	Tray, 24 x 5 ml, Ø 12 mm	0004532200	\$ 65.00
TB 2	Tray, 12 x 15 ml, Ø 16 mm	0004532300	\$ 64.00
TB 3	Tray, 10 x 30 ml, Ø 25 mm	0004532400	\$ 64.00
TB 4	Tray, 8 x 30 ml, Ø 28 mm	0004532500	\$ 64.00

ACCESSORIES LOOPSTER			
DS 1	Tube attachment, 48 x 1.5 ml, Ø 10 mm	0004524000	\$ 230.00
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	\$ 230.00
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	\$ 230.00
DS 4	Tube attachment, 2 x 30 ml, Ø 25 mm	0004524300	\$ 230.00
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	\$ 230.00
DS 6	Universal disc	0004524500	\$ 190.00
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	\$ 11.00
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	\$ 11.00
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	\$ 67.00
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	\$ 16.00
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	\$ 16.00

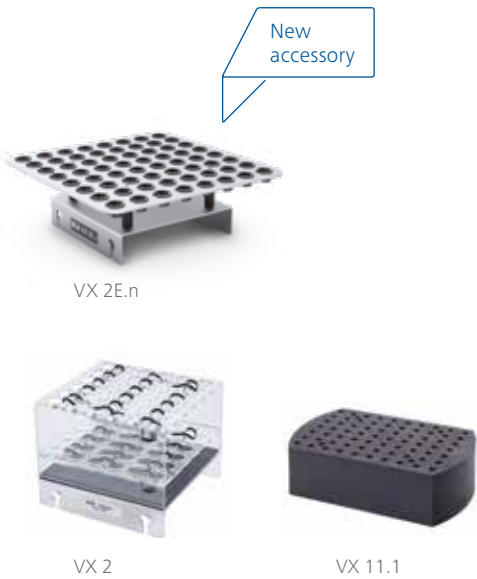
ACCESSORIES TRAYSTER			
TR 1	Tube insert, 24 x 1.5 ml, Ø 10 mm	0004525100	\$ 67.00
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	\$ 67.00
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	\$ 67.00
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	\$ 67.00



Product	Description	Ident. No.	Price
ACCESSORIES MS 3 BASIC DIGITAL CONTROL			
MS 3.1	Standard attachment	0003426300	\$ 60.00
MS 3.3	Universal attachment	0003426600	\$ 60.00
MS 1.21	One-hand insert	L001540	\$ 30.00
MS 1.30	Attachment for 0.5 ml tubes	0025005776	on request
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	\$ 57.00
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	\$ 39.00
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	\$ 38.00
MS 1.34	Test tube insert	L001830	\$ 31.00
MS 3.4	Microtiter plate attachment	0003426400	\$ 80.00
MS 3.5	PCR plate attachment, 96-well	0003428000	\$ 224.00



ACCESSORIES VORTEX 2 VORTEX 3			
VG 3.1	Standard attachment	0003341200	\$ 31.00
VG 3.2	One-hand attachment	0003342300	\$ 39.00
VG 3.21	Rubber mat	0020008398	\$ 25.00
VG 3.3	Universal attachment, 150 mm	0003342400	\$ 39.00
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	\$ 51.00
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	\$ 99.00
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	\$ 57.00
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	\$ 52.00
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	\$ 52.00
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	\$ 52.00
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	\$ 92.00
VG 3.37	Microtiter plate attachment	0003344400	\$ 46.00



Product	Description	Ident. No.	Price
ACCESSORIES VXR			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	\$ 181.00
VX 2	Test tube attachment, 36 x Ø 16 mm	0000568900	\$ 773.00
VX 2E.n	Eppendorf attachment, 64 x 1.5 ml	0020018016	on request
VX 7	Dish attachment	0000953300	\$ 561.00
VX 8	Universal attachment	0000910400	\$ 1,281.00
VX 11	Basic holder	0003627700	\$ 376.00
VX 11.1	Test tube insert, 70 x Ø 10 mm	0003659000	\$ 327.00
VX 11.2	Test tube insert, 41 x Ø 12 mm	0003659100	\$ 327.00
VX 11.3	Test tube insert, 32 x Ø 16 mm	0003659200	\$ 278.00
VX 11.4	Test tube insert, 18 x Ø 20 mm	0003659300	\$ 278.00
VX 11.5	Attachment for 30 ml tubes, 12 x Ø 23 mm	0025005778	\$ 288.00
VX 11.6	Attachment for 50 ml tubes, 8 x Ø 27 mm	0025005777	\$ 233.00
VX 8.1	Clamping roll	0003375400	\$ 121.00



ACCESSORIES KS 130 BASIC CONTROL			
AS 130.1	Universal attachment	0008017300	\$ 297.00
AS 130.2	Fixing clip attachment	0003115000	\$ 156.00
AS 130.3	Dish attachment	0003120000	\$ 291.00
AS 130.4	Test tube attachment	0003120300	\$ 294.00
ACCESSORIES KS HS 260 BASIC CONTROL AND KS 3000			
AS 260.1	Universal attachment	0008017400	\$ 436.00
AS 260.2	Fixing clip attachment	0003115500	\$ 209.00
AS 260.3	Dish attachment	0003120600	\$ 164.00
AS 260.5	Separating funnel attachment	0003120900	\$ 882.00
ACCESSORIES KS HS 501 DIGITAL			
AS 501.1	Universal attachment	0008000200	\$ 1,712.00
AS 501.2	Separating funnel attachment	0008000300	\$ 1,635.00
AS 501.3	Separating funnel attachment	0008000400	\$ 459.00
AS 501.4	Fixing clip attachment	0002341100	\$ 1,801.00
AS 501.5	Dish attachment	0002339600	\$ 1,704.00
AS 501.6	Separating funnel attachment	0008000500	\$ 2,978.00



Product	Description	Ident. No.	Price
ACCESSORIES KS 4000 I IC CONTROL			
AS 4000.1	Universal attachment	0008022200	\$ 2,319.00
AS 4000.2	Fixing clip attachment	0003710100	\$ 1,241.00
AS 4000.3	Dish attachment	0003710000	\$ 358.00
AS 1.400	Basic holder for AS 4000.1	0003710200	\$ 923.00
AS 1.401	Clamping roll for AS 4000.1	0003712000	\$ 114.00
AS 1.402	Fastening screw for AS 4000.1	0003712300	\$ 29.00

ACCESSORIES			
AS 1.30	Basic holder for AS 130.1	0003148000	\$ 134.00
AS 1.60	Basic holder for AS 260.1	0003149000	\$ 415.00
AS 1.10	Basic holder for AS 501.1	0002339700	\$ 1,536.00
AS 1.31	Clamping roll for AS 130.1	0003030500	\$ 61.00
AS 1.61	Clamping roll for AS 260.1	0003030501	\$ 43.00
AS 1.11	Clamping roll for AS 501.1	0002339800	\$ 130.00
AS 1.6	Clamping device for AS 501.1	0001268400	\$ 110.00
AS 1.7	Clamping device for AS 501.1	0001269200	\$ 133.00
AS 1.12	Supporting bar for AS 1.10	0002594500	\$ 297.00
AS 1.13	Ground section holder for AS 1.10	0002597000	\$ 281.00
STICKMAX	Universal adhesive mat	0003920000	\$ 142.00
AS 2.0	Fixing clips, 10 ml	0020016475	on request
AS 2.1	Fixing clips, 25 ml	0001234300	\$ 28.00
AS 2.2	Fixing clips, 50 ml	0001234400	\$ 28.00
AS 2.3	Fixing clips, 100 ml	0001234500	\$ 28.00
AS 2.4	Fixing clips, 200 250 ml	0001234600	\$ 52.00
AS 2.5	Fixing clips, 500 ml	0001234700	\$ 52.00
AS 2.6	Fixing clips, 1000 ml	0003819300	\$ 52.00
AS 2.7	Fixing clips, 2000 ml	0020016476	\$ 119.00



STICKMAX

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

\$ 1,185.00
Ident. No. 0003646000



ULTRA-TURRAX® Tube Drive
P control Workstation

\$ 2,050.00
Ident. No. 0025005836



ULTRA-TURRAX® Tube Drive
P control

\$ 1,927.00
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



ST-20



ST-50-M



DT-20



DT-50-M



BMT-20-G-M



BMT-20-S-IVD.50

New accessory

Product	Description	Ident. No.	Price
ST TUBES WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	\$ 332.00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml , 20 pcs., membrane lid	0003700500	\$ 448.00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	\$ 173.00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	\$ 382.00
DT TUBES WITH ROTOR-STATOR ELEMENT			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	\$ 332.00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	\$ 450.00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	\$ 306.00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	\$ 173.00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	\$ 384.00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	\$ 127.00
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	\$ 332.00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	\$ 332.00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	on request
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	on request
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs.	0020019573	on request
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	\$ 173.00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	\$ 173.00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	\$ 382.00



DIS-50-S-M



DIS-300-S-M



TC-50-M

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	\$ 205.00
DIS-50-T-M.10	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	on request
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	\$ 306.00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	on request
TUBES WITH DISSOLVER ELEMENT			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	\$ 306.00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	\$ 1,462.00
COVERS			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	\$ 144.00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	\$ 143.00
BALLS FOR BMT TUBE			
Glass balls 6	Glass balls, 250 g	0003599200	\$ 156.00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	\$ 156.00



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®

\$ 1,575.00
Ident. No. 0003737001



T 18 digital ULTRA-TURRAX®

\$ 1,362.00
Ident. No. 0003720001



T 25 digital ULTRA-TURRAX®

\$ 2,114.00
Ident. No. 0003725001



T 50 digital ULTRA-TURRAX®

\$ 3,636.00
Ident. No. 0003787001



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

\$ 2,333.00
Ident. No. 0025002561



T 25 easy clean control

\$ 3,222.00
Ident. No. 0025002501



Patented integrated
temperature
measurement

T 65 basic ULTRA-TURRAX®

\$ 6,784.00
Ident. No. 0004023501



T 65 digital ULTRA-TURRAX®

\$ 9,070.00
Ident. No. 0004234501



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	\$ 2,007.00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	\$ 2,007.00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	\$ 2,021.00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	\$ 1,879.00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	\$ 1,879.00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	\$ 820.00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	\$ 961.00

DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	\$ 1,516.00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	\$ 1,516.00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	\$ 795.00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	\$ 795.00
S 18 25-ET50	Disposable tube	0003452500	\$ 25.00



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	\$ 1,636.00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	\$ 1,636.00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	\$ 2,097.00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	\$ 2,175.00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	\$ 1,626.00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	\$ 1,774.00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	\$ 2,055.00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	\$ 2,310.00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	\$ 2,059.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	\$ 2,468.00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	\$ 2,002.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	\$ 2,417.00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	\$ 2,390.00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	\$ 762.00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	\$ 762.00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	\$ 2,295.00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	\$ 2,312.00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	\$ 2,348.00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	\$ 2,417.00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	\$ 2,393.00
S 25 KD - LR - 25 G	Dispersing element, Ø 25 mm	0025007321	\$ 2,470.00
S 25 KD - LR - 25 F	Dispersing element, Ø 25 mm	0025007322	\$ 2,470.00
Silentstream	Flow breaker	0003754000	\$ 59.00
S 18 25-ET50	Disposable tube	0003452500	\$ 25.00
TS 25-3	Cleaning tool	0020003013	\$ 209.00
CT.15	Cleaning tube	0020006595	\$ 184.00



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	\$ 2,174.00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	\$ 2,223.00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	\$ 2,110.00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	\$ 2,132.00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	on request
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	on request
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	\$ 113.00
WICO	Wireless remote control	0025006310	\$ 700.00

DISPERSING ELEMENTS FOR T 50 DIGITAL			
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0010000637	\$ 4,615.00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	\$ 4,667.00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0010000638	\$ 5,001.00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0010000639	\$ 5,246.00
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	\$ 4,090.00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	\$ 4,832.00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	\$ 4,804.00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	\$ 4,142.00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	\$ 4,405.00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	\$ 4,457.00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	\$ 4,917.00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	\$ 5,015.00
R 50	Stirring shaft, high speed	0001689300	\$ 2,361.00
R 1405	Propeller, Ø 45 mm	0001289800	\$ 437.00
R 1402	Dissolver, Ø 42 mm	0001243300	\$ 629.00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	\$ 5,688.00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	\$ 5,746.00



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	\$ 3,744.00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0008005700	\$ 3,863.00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0008005900	\$ 4,064.00
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	\$ 6,779.00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	on request
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	on request
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	\$ 3,638.00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	\$ 3,737.00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	\$ 3,863.00
D 60	Dissolver, Ø 60 mm	0020008388	on request
D 80	Dissolver, Ø 80 mm	0020008389	\$ 1,782.00

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*
\$ 3,999.00
Ident. No. 0025002644

* 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*
\$ 3,332.00
Ident. No. 0025002639



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

MultiDrive basic M 20 Successor Package
\$ 4,180.00
Ident. No. 0010005896



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

* with MI 250.3 or MI 400.3 beater, tungsten carbide

A 10 basic

\$ 1,745.00
Ident. No. 0025002269



A 11 basic

\$ 2,045.00
Ident. No. 0002900001



M 20

\$ 5,673.00
Ident. No. 0001603603

For dry grinding of
hard and brittle sub-
stances



MF 10 basic

\$ 3,771.00
Ident. No. 0002836001



Two different grinding
heads can be attached to
the drive, **see Page 75**

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 × H × D)	130 × 250 × 145 mm	85 × 240 × 85 mm	170 × 350 × 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

\$ 3,241.00
Ident. No. 0020007145



Designed for grinding
chambers with max.
100 ml

Tube Mill control

\$ 2,889.00
Ident. No. 0004180001



reddot design award
winner 2013

German
Design Award
NOMINEE 2015



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



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	\$ 680.00
BL 2000 T	Blender vessel, 2000 ml, Temperature measurement	0025003962	\$ 816.00
MI 250	Milling chamber, 250 ml	0025003967	\$ 816.00
MI 400	Milling chamber, 400 ml	0025003965	\$ 952.00
MI 250 T	Milling chamber, 250 ml, Temperature measurement	0025003968	\$ 952.00
MI 400 T	Milling chamber, 400 ml, Temperature measurement	0025003966	\$ 1,088.00
DI 2000 T	Dispersing vessel, 2000 ml, Temperature measurement	0025003960	\$ 1,224.00
BL 2000.1	Standard blend knife, stainless steel	0020023169	\$ 155.00
MI 250.1	Standard beater, stainless steel	0020023166	\$ 92.00
MI 250.2	Star-shaped cutter, stainless steel	0020023167	\$ 179.00
MI 250.3	Beater, tungsten carbide	0020023168	\$ 390.00
MI 400.1	Standard beater, stainless steel	0020023170	\$ 117.00
MI 400.2	Star-shaped cutter, stainless steel	0020023171	\$ 205.00
MI 400.3	Beater, tungsten carbide	0020023172	\$ 430.00
TC 1	Protective housing for MT 150 and BT 250	0020023489	\$ 141.00
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	\$ 137.00
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	\$ 149.00
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	\$ 34.00

* 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	\$ 120.00
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	\$ 1,001.00
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	\$ 108.00
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	\$ 238.00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	\$ 195.00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	\$ 1,022.00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	\$ 137.00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	\$ 318.00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	\$ 525.00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	\$ 315.00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	\$ 333.00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	\$ 178.00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	on request
A-MMT.100	Abrasion set for MMT 40.1 MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	\$ 217.00



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	\$ 89.00
A 10.2	Star-shaped cutter	0025001162	\$ 161.00
A 10.3	Hard metal cutter	0025001161	\$ 514.00
A 10.4	Grinding chamber reduction	0025001664	\$ 194.00
ACCESSORIES A 11 BASIC			
A 11.1	Spare beater, stainless steel	0002904600	\$ 76.00
A 11.2	Cutting blade, stainless steel	0002905200	\$ 181.00
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	\$ 263.00
A 11.4	Grinding chamber, polycarbonate, 250 ml	0002904100	\$ 255.00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	\$ 345.00
A 11.6	Double beater, titanium	0003302900	\$ 518.00
A 11.7	Funnel, PTFE	0003048700	\$ 425.00
ACCESSORIES M 20			
M 21	Spare cutter, stn. steel	0000328200	\$ 132.00
M 22	Hard metal cutter, tungsten carbide	0000521800	\$ 634.00
M 23	Star-shaped cutter, stn. steel	0001443400	\$ 512.00
M 20.1	Grinding chamber, 250 ml	0008006200	\$ 4,172.00
ACCESSORIES MF 10 BASIC			
MF 10.1	Cutting-grinding head	0002870900	\$ 2,700.00
MF 10.2	Impact-grinding head	0002871000	\$ 2,299.00
SIEVES			
MF 0.25	Sieve, Ø 0.25 mm	0002938900	\$ 444.00
MF 0.5	Sieve, Ø 0.5 mm	0002939000	\$ 444.00
MF 1.0	Sieve, Ø 1 mm	0002939200	\$ 444.00
MF 2.0	Sieve, Ø 2 mm	0002939400	\$ 444.00
MF 3.0	Sieve, Ø 3 mm	0002939500	\$ 444.00
MF 4.0	Sieve, Ø 4 mm	0002939600	\$ 751.00



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

\$ 7,318.00
Ident. No. 0020006998



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	\$ 751,00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	\$ 361,00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	\$ 403,00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	\$ 284,00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	\$ 365,00
BOSS HEAD CLAMPS			
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	\$ 49,00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	\$ 73,00
STANDS			
R 2722	H-stand, 1010 mm	0001412000	\$ 495,00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	\$ 540,00
SOFTWARE			
labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	\$ 5,485.00
labworldsoft® 6 Pro	For all configurations – any no. of devices can be controlled at the same time	0020017366	\$ 12,892.00



R 1302



R 1330



R 1331



R 1345



R 1375

“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

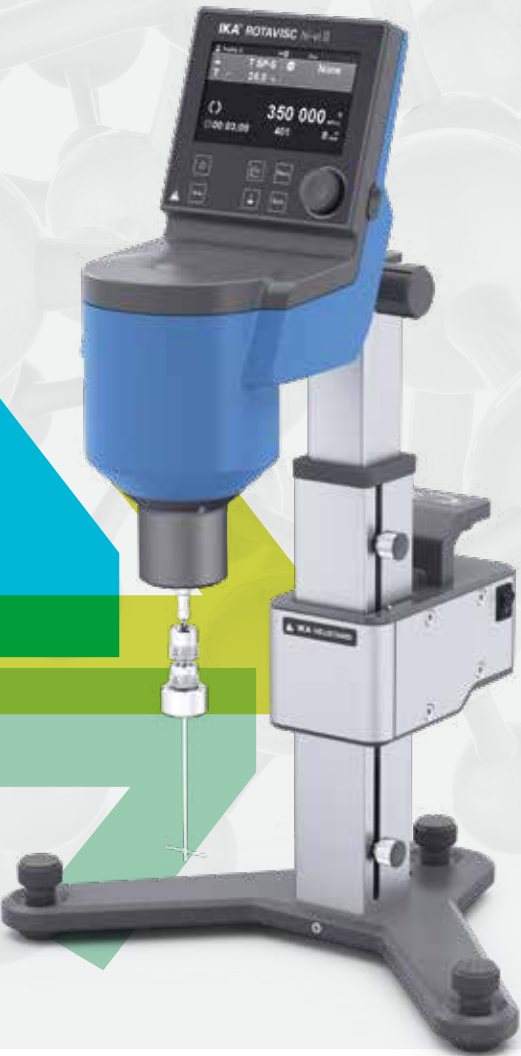
The ROTAVISC HELI Complete package includes both a viscometer and stand, and is ideal for highly viscous samples. A static viscometer would run empty here. Highly viscous samples would simply be forced to the edge by the rotational movements. The HELISTAND prevents this and provides meaningful viscosity 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**
\$ 3,395.00
Ident. No. 0025000310
- ② **ROTAVISC me-vi Complete**
\$ 3,395.00
Ident. No. 0025000311
- ③ **ROTAVISC hi-vi I Complete**
\$ 3,395.00
Ident. No. 0025000312
- ④ **ROTAVISC hi-vi II Complete**
\$ 3,395.00
Ident. No. 0025000313



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

TECHNICAL DATA	ROTAVISC
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
Price on request
Ident. No. 0025000310 + 0020101872

② **ROTAVISC me-vi Complete**
+ labworldsoft® 6 Visc
Price on request
Ident. No. 0025000311 + 0020101872

③ **ROTAVISC hi-vi I Complete**
+ labworldsoft® 6 Visc
Price on request
Ident. No. 0025000312 + 0020101872

④ **ROTAVISC hi-vi II Complete**
+ labworldsoft® 6 Visc
Price on request
Ident. No. 0025000313 + 0020101872



LABORATORY SOFTWARE
labworldsoft® 6 Visc
\$ 1,196.00
Ident. No. 0020019532



① **ROTAVISC lo-vi HELI Complete**
\$ 4,231.00
Ident. No. 0025008214

② **ROTAVISC me-vi HELI Complete**
\$ 4,231.00
Ident. No. 0025008216

③ **ROTAVISC hi-vi I HELI Complete**
\$ 4,231.00
Ident. No. 0025008217

④ **ROTAVISC hi-vi II HELI Complete**
\$ 4,231.00
Ident. No. 0025008218

③





ROTASTAND



HELISTAND

Product	Description	Ident. No.	Price
STANDS			
ROTASTAND	Stand for ROTAVISC	0020006787	on request
HELISTAND	Electrical stand for ROTAVISC	0020026649	\$ 1,044.00
HELISTAND Set	Electrical stand incl. T-spindle set	0025008233	on request
SOFTWARE			
labworldsoft® 6 Visc	Laboratory software	0020019532	\$ 1,196.00



HELISTAND Set



Adapter: DIN S-1



Adapter: O DIN S-1



Adapter: VOLS-1



Hook Connector

Quick Connector



Spindle set: VAN-1

Product	Description	Ident. No.	Price
ADAPTERS			
DINS-1	DIN adapter set	0025000387	\$ 1,387.00
O DIN S-1	Open DIN adapter set	0025000326	\$ 1,387.00
SAS-1	Spiral adapter set	0025000377	\$ 805.00
ELVAS-1	Extremely low viscosity adapter set	0025000390	\$ 1,018.00
VOLS-1	Low volume adapter set	0025000352	\$ 994.00
T-SP-Set	T-spindle set	0025007765	\$ 508.00

ACCESSORIES VISCOMETERS			
DWB 600	Double-walled beaker 600 ml	0020024575	\$ 966.00
BH 600	Clamp for 600 ml beaker	0025000400	\$ 152.00
Hook Connector	Hook connector for spindles	0025000338	\$ 301.00
Quick Connector	Quick connector for spindles	0025000339	\$ 306.00
PT 100.8	Temp. sensor, stn. steel, Ø 3 mm, 75 mm	0025000413	on request

SPINDLE SET			
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	\$ 232.00
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	\$ 197.00
VAN-1	Vane spindle set	0025000407	\$ 712.00



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	on request
SP-2	Standard spindle	0025006829	on request
SP-3	Standard spindle	0025006830	on request
SP-4	Standard spindle	0025006831	on request
SP-5	Standard spindle	0025006832	\$ 159.00
SP-6	Standard spindle	0025006833	\$ 159.00
SP-7	Standard spindle	0025006834	on request
SP-8	Standard spindle	0025006835	on request
SP-9	Standard spindle	0025006836	on request
SP-10	Standard spindle	0025006837	on request
SP-11	Standard spindle	0025006838	on request
SP-12	Standard spindle	0025006839	on request
VAN-SP-1	Vane spindle	0025006853	\$ 424.00
VAN-SP-2	Vane spindle	0025006854	\$ 344.00
VAN-SP-3	Vane spindle	0025006855	\$ 314.00
VAN-SP-4	Vane spindle	0025006856	on request
VAN-SP-5	Vane spindle	0025008376	\$ 344.00
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	\$ 356.00
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	\$ 367.00
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	\$ 367.00
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	\$ 367.00
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	\$ 367.00
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	\$ 367.00
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	\$ 367.00
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	\$ 367.00
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	\$ 404.00
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	\$ 367.00
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	\$ 404.00
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	\$ 367.00
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	\$ 404.00
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	\$ 312.00



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	\$ 148.00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	\$ 148.00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	\$ 148.00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	\$ 148.00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	\$ 148.00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	\$ 148.00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	\$ 148.00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	\$ 148.00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	\$ 148.00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	\$ 148.00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	\$ 148.00

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 (VSE 1). This reliably protects laboratory employees and the environment from harmful exhaust air.



VACSTAR digital

\$ 2,165.00
Ident. No. 0020016237

VACSTAR control*

\$ 4,395.00
Ident. No. 0020019066



*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	\$ 668.00
VSE 1 vacuum safety emission	0035001873	\$ 699.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	\$ 50.00



VSW 1



VSE 1

MVP 10 basic

\$ 1,846.00
Ident. No. 0003980001



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	\$ 845.00
VCV 2 vacuum control valve digital	0020004893	\$ 1,113.00
VSS 1 vacuum safety set	0020005194	\$ 996.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	\$ 50.00



VC 10

\$ 1,744.00
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

Product	Ident. No.	Price
ACCESSORIES VACUUM CONTROLLER		
VC 10.300 check valve	0020011105	\$ 205.00
VC 10.400 table holder	0035001735	\$ 269.00



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

\$ 1,403.00
Ident. No. 0020002272



ICC control

\$ 1,672.00
Ident. No. 0020002273



IC basic

\$ 2,293.00
Ident. No. 0003861001



IC control

\$ 2,966.00
Ident. No. 0003863001***



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 x H x D)	145 x 340 x 200 mm	145 x 340 x 200 mm	285 x 313 x 291 mm	285 x 313 x 291 mm

* Possible operating temperatures with cooling coil: -20 °C to 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	0010000853	\$ 2,272.00
ICC basic pro** 9	Package ICC basic, 9 l pro bath	S	195 x 100 mm	0010000851	\$ 2,522.00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 x 127 mm	0010000473	\$ 2,611.00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 x 305 mm	0010000475	\$ 2,486.00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 x 309 mm	0010000477	\$ 2,788.00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 x 105 mm	0010000849	\$ 2,505.00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 x 100 mm	0010000847	\$ 2,758.00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 x 127 mm	0010000479	\$ 2,845.00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 x 305 mm	0010000481	\$ 2,567.00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 x 309 mm	0010000483	\$ 3,024.00
COMBINED HEATING BATH CIRCULATORS					
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 x 105 mm	0010000854	\$ 2,858.00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 x 100 mm	0010000852	\$ 3,109.00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 x 127 mm	0010000474	\$ 3,392.00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 x 305 mm	0010000476	\$ 3,269.00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 x 309 mm	0010000478	\$ 3,568.00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 x 105 mm	0010000850	\$ 3,093.00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 x 100 mm	0010000848	\$ 3,344.00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 x 305 mm	0010000482	\$ 3,186.00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 x 127 mm	0010000480	\$ 3,627.00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 x 309 mm	0010000484	\$ 3,680.00
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	0010002472	\$ 4,923.00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002475	\$ 6,017.00
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006740	on request
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006736	on request

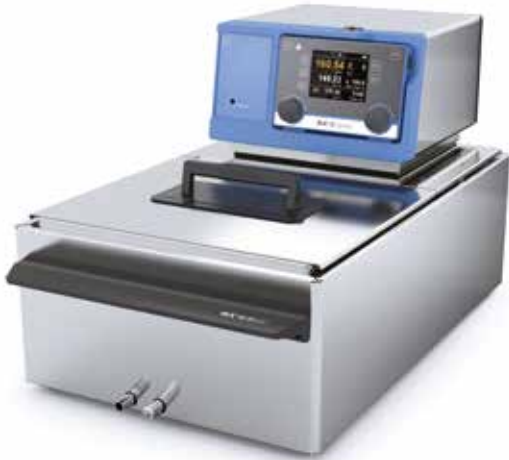
* eco: plastic bath
** pro: stainless steel bath
*** Size of plate that can be placed at the bottom of the bath



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	0010000467	\$ 3,886.00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 x 262 mm	0010000469	\$ 4,122.00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0010000470	\$ 4,210.00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0010000472	\$ 4,446.00

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

/// Heating Bath Circulators

① HBC 5 basic

\$ 3,405.00
Ident. No. 0004125001

①



① HBC 10 basic

\$ 3,920.00
Ident. No. 0004135001

①



② HBC 5 control

\$ 3,836.00
Ident. No. 0004127001

②

② HBC 10 control

\$ 4,023.00
Ident. No. 0004137001

②



/// Refrigerated and Heating Bath Circulators



① CBC 5 basic

\$ 6,524.00
Ident. No. 0004165001

①



① HRC 2 basic

\$ 5,665.00
Ident. No. 0025003743

①



② CBC 5 control

\$ 7,133.00
Ident. No. 0004167001

②

② HRC 2 control

\$ 6,403.00
Ident. No. 0025004639

②

TECHNICAL DATA	HBC 5 BASIC CONTROL	HBC 10 BASIC CONTROL	CBC 5 BASIC CONTROL	HRC 2 BASIC CONTROL
Appliance type	Heated bath circulator	Heated bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator
Heater capacity (230 / 115 V)	2500 / 1250 W	2500 / 1250 W	2500 / 1250 W	1500 / 1200 W
Temperature range	RT + 10 °C* – 250 °C	RT + 10 °C* – 250 °C	-25 °C – 200 °C	-20 °C – 100 °C -30 °C** – 100 °C
Cooling capacity 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 × H × D)	275 × 406 × 500 mm	275 × 456 × 500 mm 275 × 456 × 506 mm	275 × 690 × 490 mm	220 × 475 × 525 mm

* Possible operating temperatures with cooling coil: -20 °C to 250 °C
** -30 °C possible at 2000 rpm

① RC 2 basic

\$ 3,970.00
Ident. No. 0004171001

①



BESTSELLER

① RC 2 GREEN basic

\$ 4,317.00
Ident. No. 0025007402

①



NEW!

② RC 2 control

\$ 5,120.00
Ident. No. 0004173001

②

② RC 2 GREEN control

\$ 5,622.00
Ident. No. 0025007404

②



RC 5 basic

\$ 6,312.00
Ident. No. 0020008503



RC 5 control

\$ 7,436.00
Ident. No. 0020008504



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 × H × D)	220 × 475 × 525 mm	220 × 475 × 525 mm	310 × 546 × 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	\$ 181.00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	\$ 194.00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	\$ 251.00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	on request
CLR.ICC	Cover with 6 ring openings for ICC, 18 / 20 l bath vessels	0025006276	on request
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	\$ 239.00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	\$ 239.00
CC2	Cooling coil for ICC	0025001061	\$ 148.00
PCS.ICC	Pump connection set for ICC	0004471900	\$ 151.00

ACCESSORIES FOR IC			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	\$ 194.00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	\$ 251.00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	\$ 239.00
CC1	Cooling coil for IC basic / control	0020005116	\$ 148.00

BATH VESSELS			
Bath size S			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	\$ 623.00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	\$ 564.00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	\$ 872.00

Bath size M			
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	\$ 998.00

Bath size L			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	\$ 872.00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	\$ 937.00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	\$ 717.00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	\$ 1,019.00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	\$ 2,070.00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	on request
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	\$ 1,175.00



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	on request
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	\$ 785.00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	on request
HOSES			
LT 5.20	High temperature hose kit insulated, 2 x 1.5 m, stainless steel	0002606700	\$ 1,296.00
LT 5.21	High temperature hose kit insulated, 2 x 1.5 m, PTFE	0020000988	\$ 974.00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1.5 m	0004568800	\$ 19.00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1.5 m	0004568900	\$ 26.00
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	on request
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1.5 m	0004569000	\$ 58.00
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1.5 m	0004569100	\$ 78.00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 x 1.5 m, reinforced	0020004612	\$ 68.00
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 x 1.5 m	0020004613	\$ 98.00
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 x 1.5 m	0004569200	\$ 415.00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 x 1.5 m, M 16 x 1	0004569300	\$ 545.00

INSULATION FOR HOSES			
ISO.8	Insulation, Ø 8 mm, 2 x 1.5 m	0004569400	\$ 65.00
ISO.12	Insulation, Ø 12 mm, 2 x 1.5 m	0004569500	\$ 19.00

	Product	Description	Ident. No.	Price
 Tube rack, 13 mm, S, stainless  Variable rack, ICC, ML, stainless  Variable bottom, ICC, L, stainless  Bottom plate L	TUBE RACKS			
	Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, Ø 13 mm	0020004026	\$ 102.00
	Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	\$ 102.00
	Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	\$ 102.00
	Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	\$ 218.00
	Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 17 mm	0020004030	\$ 218.00
	Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	\$ 218.00
	Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	on request
	Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	on request
	Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	on request
 Floating tube rack 1  Floating globes, PP  WH10	FLOATING RACKS			
	Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	\$ 54.00
	Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	\$ 54.00
	Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	\$ 54.00
	ADDITIONAL ACCESSORIES			
	WH10	WiCo Holder	0020000984	\$ 44.00
	PT 100.30	Temp. sensor, stn. steel	0004284700	\$ 120.00
	PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	on request
	Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	\$ 298.00
	Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	on request
	PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	on request

	Product	Description	Ident. No.	Price
 CO V 1  Ball valve M16x1  Mechanic fluid level controller	VALVES AND LEVEL CONTROLLERS			
	MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	\$ 623.00
	CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	\$ 1,072.00
	Ball valve M16 x 1	Ball valve, completely opening (M 16 x 1)	0020004620	on request
 Elbow tube 90°  Olive for DN 6 hoses  Adapter NTP 1/4  Adapter NTP 3/4	ADAPTERS			
	Elbow tube 90°	Elbow tube 90°	0025001212	on request
	Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	on request
	Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	on request
	Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	on request
	Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	on request
	Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	\$ 49.00
	Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	on request
	Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	\$ 115.00
	Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	on request
	Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	\$ 382.00
	Adapter M16x1 f - G1/4 m	Adapter M 16 x 1 female to G 1/4 male	0020008807	on request
	Adapter M16x1 m - G1/4 m	Adapter M 16 x 1 male to G 1/4 male	0020008734	on request
	Adapter M16x1 m - G1/2 m	Adapter M 16 x 1 male to G 1/2 male	0020008796	on request
	Adapter M16x1 f - G1/2 m	Adapter M 16 x 1 female to G 1/2 male	0020008800	on request
	Adapter M16x1 f - G3/8 m	Adapter M 16 x 1 female to G 3/8 male	0020008730	on request
	Adapter M16x1 m - G3/8 m	Adapter M 16 x 1 male to G 3/8 male	0020008754	on request
	Adapter M16x1 m - M16x1 m	Adapter M 16 x 1 male to M 16 x 1 male, for hose extension	0025007118	on request
	Lock nut	Lock nut, 2 pcs.	0020004583	on request
	Stopper	Stopper, 2 pcs.	0020004584	on request

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
\$ 1,108.00
Ident. No. 0004025101



Dry Block Heater 2
\$ 1,220.00
Ident. No. 0004025201



Dry Block Heater 3
\$ 1,460.00
Ident. No. 0004025301



Dry Block Heater 4
\$ 1,606.00
Ident. No. 0004025401



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	\$ 173.00
DB 1.2	Single block, Eppendorf tubes, Ø 11.5 mm	0004467700	\$ 144.00
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800	\$ 144.00
DB 1.4	Single block, VWR Eppendorf tubes, Ø 11.5 mm	0004467900	\$ 144.00
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	\$ 144.00

CONICAL BOTTOM CENTRIFUGE TUBES			
DB 2.1	Single block, conical tubes, Ø 17.1 mm	0004468100	\$ 173.00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	\$ 171.00

COMBINATION BLOCKS			
DB 3.1	Single block, test tube comb., 6 12 /13 25 mm	0004468300	\$ 170.00
DB 3.2	Single block, centrifuge comb., 1.5 15 50 ml	0004468400	\$ 170.00
DB 3.3	Single block, microtube comb., 0.5 1.5 2 ml	0004468500	\$ 173.00

STANDARD TEST TUBES			
DB 4.1	Single block, 30 round tubes, Ø 8.3 mm	0004468600	\$ 188.00
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700	\$ 177.00
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800	\$ 173.00
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900	\$ 177.00
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000	\$ 169.00
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	\$ 173.00
DB 4.7	Single block, 6 round tubes, Ø 26.2 mm	0004469200	\$ 170.00
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	\$ 171.00
DB 4.9	Single block, 12 round tubes, Ø 19.1 mm	0004469400	\$ 168.00

VIALS			
DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500	\$ 173.00
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600	\$ 173.00
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700	\$ 173.00
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800	\$ 168.00
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900	\$ 168.00
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000	\$ 168.00
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100	\$ 168.00
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200	\$ 168.00
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300	\$ 168.00

STANDARD TEST TUBES			
DB 6.1	Single block, 10 × 8 PCR tube strips, Ø 6.4 mm	0004470400	\$ 168.00
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500	\$ 171.00
DB 6.3	Double block, 1 × 96-Well PCR plate, Ø 6.4 mm	0004470600	\$ 193.00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	\$ 197.00
DB 8.1	Single block, 2 × 6 cuvettes, Ø 12.5 mm	0004470700	\$ 171.00

TEMPERATURE SENSORS			
PT 1000.60	Temp. sensor, stn. steel	0003516800	\$ 227.00
PT 1000.90	Temp. sensor, coated	0004480600	\$ 246.00

C-MAG HP 4
\$ 444.00
Ident. No. 0003581601



C-MAG HP 10
\$ 815.00
Ident. No. 0003582001



C-MAG HP 7
\$ 611.00
Ident. No. 0003581801



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

\$ 1,236.00
Ident. No. 0020016413



HB digital

\$ 1,594.00
Ident. No. 0020016395



Heating temperature up to 180 °C

HBR 4 control

\$ 4,607.00
Ident. No. 0020005142



Integrated magnetic stirrer drive

Product		Ident. No.	Price
ACCESSORIES HB ECO DIGITAL			
HB 10.3	Protection cover HB eco and digital	0020024125	\$ 1,081.00
ACCESSORIES HBR 4 CONTROL			
H 240	Ring set	0002858700	\$ 850.00
H 159	Intermediate bottom	0001809700	\$ 403.00

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
\$ 2,588.00
Ident. No. 0020003216

Oven 125 basic - dry glass
\$ 2,899.00
Ident. No. 0020003957



Oven 125 control - dry
\$ 4,060.00
Ident. No. 0020003991

Oven 125 control - dry glass
\$ 4,445.00
Ident. No. 0020003997

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	on request
IO T 1.10 enhanced wire grid tray	0020007600	\$ 284.00
IO F 1.10 roller frame	0020007601	\$ 990.00
IO B 1.10 roller box	0020007602	\$ 1,132.00
IO P 1.10 table top work plate	0020007603	\$ 990.00
IO F 1.20 spacer frame	0035001326	\$ 671.00
PT 100.31 temp. sensor	0020009564	\$ 374.00

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
\$ 3,378.00
Ident. No. 0010003491
- ②

RV 3 V-C
\$ 3,490.00
Ident. No. 0010003492
- ③

RV 3 FLEX
\$ 2,533.00
Ident. No. 0010003493
- ④

RV 3 dry ice condenser
\$ 3,772.00
Ident. No. 0010003494
- ⑤

RV 3 dry ice condenser, coated
\$ 3,885.00
Ident. No. 0010003495



- ①

RV 8 V
\$ 4,095.00
Ident. No. 0010003570
- ②

RV 8 V-C
\$ 4,231.00
Ident. No. 0010003571
- ③

RV 8 FLEX
\$ 3,216.00
Ident. No. 0010003572
- ④

RV 8 dry ice condenser
\$ 4,502.00
Ident. No. 0010003573
- ⑤

RV 8 dry ice condenser, coated
\$ 4,626.00
Ident. No. 0010003574



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

Integrated safety
lift-out function

- ①

RV 10 digital V
\$ 4,398.00
Ident. No. 0010005184
- ②

RV 10 digital V-C
\$ 4,535.00
Ident. No. 0010005185
- ③

RV 10 digital FLEX
\$ 3,816.00
Ident. No. 0010005186
- ④

RV 10 digital dry ice condenser
\$ 4,810.00
Ident. No. 0010005209
- ⑤

RV 10 digital dry ice condenser, coated
\$ 4,947.00
Ident. No. 0010005210



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
\$ 8,425.00
Ident. No. 0010005190
- ②

RV 10 auto V-C
\$ 8,561.00
Ident. No. 0010005191
- ③

RV 10 auto FLEX
\$ 8,077.00
Ident. No. 0010005192
- ④

RV 10 auto pro V
\$ 10,813.00
Ident. No. 0010005195*
- ⑤

RV 10 auto pro V-C
\$ 10,940.00
Ident. No. 0010005196*
- ⑥

RV 10 auto pro FLEX
\$ 10,210.00
Ident. No. 0010005197*

*Pro packages include VACSTAR digital



TECHNICAL DATA	RV 10 AUTO
Motor type	Brushless DC drive motor
Speed range	5 – 300 rpm
Speed display	Digital
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
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





Product	Description	Ident. No.	Price
ACCESSORIES RV 10, RV 8, RV 3			
RV 10.900	Set of glassware, vertical	0003842500	\$ 1,501.00
RV 10.910	Set of glassware, vertical, coated	0003842600	\$ 1,553.00
RV 10.1 enlarged surface	Vertical-condenser, enlarged surface	0020019652	\$ 1,790.00
RV 10.10 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	\$ 2,202.00
RV 10.1000	Set of glassware, diagonal	0003842700	\$ 1,297.00
RV 10.1010	Set of glassware, diagonal, coated	0003842800	\$ 1,421.00
RV 10.3	Vertical-intensive condenser, manifold	0003741000	\$ 2,071.00
RV 10.30	Vertical-intensive condenser manifold, coated	0003741100	\$ 2,973.00
RV 10.4	Dry ice condensor	0003742000	\$ 2,162.00
RV 10.40	Dry ice condensor, coated	0003742100	\$ 2,386.00
RV 10.5	Vertical-condenser, reflux	0003743000	\$ 2,315.00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	\$ 2,618.00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	\$ 2,662.00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	\$ 2,923.00
RV 05.10	Balljoint clamp	0000736600	\$ 65.00
RV 10.89	Clamp, NS 24	0003756200	\$ 63.00
RV 10.2023	Evaporation cylinder, NS 24/40, 500 ml	0003848200	\$ 849.00
RV 10.2022	Evaporation cylinder, NS 24/40, 1500 ml	0003848300	\$ 1,125.00
RV 10.2025	Foam brake, NS 24/40	0003848700	\$ 192.00
RV 10.2029	Distilling spider, NS 24/40, 6 sleeves	0003849300	\$ 791.00
RV 10.2030	Distilling spider, NS 24/40, 12 sleeves	0003849400	\$ 1,366.00
RV 10.2031	Distilling spider, NS 24/40, 20 sleeves	0003849500	\$ 1,913.00
RV 10.610	Distilling sleeve, 20 ml	0003919400	\$ 28.00
RV 10.2034	Distilling spider with 5 flasks, 50 ml	0003849800	\$ 1,040.00
RV 10.2035	Distilling spider with 5 flasks, 100 ml	0003849900	\$ 1,136.00
RV 10.90	Evaporation flask, NS 24/40, 50 ml	0003741200	\$ 28.00
RV 10.91	Evaporation flask, NS 24/40, 100 ml	0003741300	\$ 28.00
RV 10.2007	Evaporation flask, NS 24/40, 50 ml	0003845300	\$ 58.00
RV 10.20070	Evaporation flask, coated, NS 24/40, 50 ml	0020000022	\$ 59.00
RV 10.2008	Evaporation flask, NS 24/40, 100 ml	0003845400	\$ 66.00
RV 10.20080	Evaporation flask, coated, NS 24/40, 100 ml	0020000023	\$ 67.00
RV 10.2009	Evaporation flask, NS 24/40, 250 ml	0003845500	\$ 96.00
RV 10.20090	Evaporation flask, coated, NS 24/40, 250 ml	0020000024	\$ 96.00
RV 10.2010	Evaporation flask, NS 24/40, 500 ml	0003845600	\$ 100.00
RV 10.20100	Evaporation flask, coated, NS 24/40, 500 ml	0020000025	\$ 100.00
RV 10.2011	Evaporation flask, NS 24/40, 1000 ml	0003845700	\$ 103.00
RV 10.20110	Evaporation flask coated, NS 24/40, 1000 ml	0020000026	\$ 128.00
RV 10.2012	Evaporation flask, NS 24/40, 2000 ml	0003845800	\$ 156.00
RV 10.20120	Evaporation flask, coated, NS 24/40, 2000 ml	0020000027	\$ 154.00
RV 10.2013	Evaporation flask, NS 24/40, 3000 ml	0003845900	\$ 244.00
RV 10.20130	Evaporation flask, coated, NS 24/40, 3000 ml	0020000028	\$ 239.00



Product	Description	Ident. No.	Price
ACCESSORIES RV 3, RV 8, RV 10			
RV 10.100	Receiving flask, KS 35/20, 100 ml	0003742200	\$ 93.00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	\$ 96.00
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	\$ 98.00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	\$ 101.00
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	\$ 167.00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	\$ 311.00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	\$ 195.00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	\$ 216.00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	\$ 248.00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	\$ 268.00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	\$ 320.00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	\$ 406.00
RV 10.2017	Powder flask, NS 24/40, 500 ml	0003847200	\$ 226.00
RV 10.2018	Powder flask, NS 24/40, 1000 ml	0003847300	\$ 244.00
RV 10.2019	Powder flask, NS 24/40, 2000 ml	0003847400	\$ 297.00
RV 10.73	Vapor tube, NS 24/40	0003829400	\$ 200.00
RV 10.74	Vapor tube, short, NS 24/40	0003972300	\$ 174.00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	\$ 122.00
RV 10.3000	Extension plate	0003859000	\$ 237.00

ACCESSORIES RV 3			
RV 3.1	Support pole	0025004587	\$ 58.00
RV 3.4	Woulff bottle	0025004588	\$ 180.00
RV 10.5005	Hose kit	0020000552	\$ 190.00
ACCESSORIES RV 8			
RV 8.1	Support pole	0004438500	\$ 219.00
RV 8.2	Mechanical end stop for RV 8	0025001342	\$ 74.00
RV 8.3	Stand pole	0025004707	\$ 158.00
RV 10.5005	Hose kit	0020000552	\$ 190.00

ACCESSORIES VALVE RV 10 AUTO			
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	\$ 942.00
RV 10.5001	Choke water valve	0003902700	\$ 918.00
RV 10.5002	Filter	0003903800	\$ 174.00
RV 10.5003	Pressure regulating valve	0003907100	\$ 692.00

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

\$ 434.00

Ident. No. 0003958000*



*Adapters included in delivery

IKA G-L*

\$ 1,200.00

Ident. No. 0030000775



*2 ml rotor set included in delivery

Product	Ident. No.	Price
ACCESSORIES IKA MINI G		
Rotor 4 x HPLC	0020022341	on request

ACCESSORIES IKA G-L		
PCR Set	0030001345	\$ 263.00
Adapter PCR tube	0030001346	\$ 12.00
Adapter 0.5 ml tube	0030001347	\$ 12.00
Adapter 0.4 ml tube	0030001334	\$ 12.00
2 ml rotor set	0030001333	\$ 263.00



IKA G-L, PCR Set

TECHNICAL DATA	IKA MINI G	IKA G-L
Capacity	8 x 2.0 ml	12 x 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 x H x D)	155 x 105 x 175 mm	200 x 140 x 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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 193.00

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

\$ 260.00
Ident. No. 0020011210

② IKA PETTE vario 0.5 – 10 µl

\$ 260.00
Ident. No. 0020011211

③ IKA PETTE vario 2 – 20 µl

\$ 260.00
Ident. No. 0020011213

④ IKA PETTE vario 10 – 100 µl

\$ 260.00
Ident. No. 0020011214

⑤ IKA PETTE vario 20 – 200 µl

\$ 260.00
Ident. No. 0020011215

⑥ IKA PETTE vario 100 – 1000 µl

\$ 260.00
Ident. No. 0020011216

⑦ IKA PETTE vario 0.5 – 5 ml

\$ 260.00
Ident. No. 0020011217

⑧ IKA PETTE vario 1 – 10 ml

\$ 260.00
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	\$ 89.00
Tip xs bag	Pipette tip, 10 µl, transparent, 10 000 pcs.	0020017816	\$440.00
Tip xs tray	Pipette tip, 10 µl, transparent, 2304 pcs.	0020017818	\$ 141.00
Tip xs box	Pipette tip, 10 µl, transparent, 1920 pcs.	0020101786	on request
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	\$ 288.00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	\$ 288.00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	\$ 127.00
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	on request
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	\$ 288.00
Tip m bag	Pipette tip, 1000 µl, transparent, 5000 pcs.	0020017826	\$ 167.00
Tip m box	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020101788	on request
Tip m tray	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020100421	on request
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	\$ 367.00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	\$ 369.00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	\$ 187.00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	\$ 399.00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	\$ 233.00
Pipette tip box xs/s	Stacking box, 6 pcs.	0020017834	\$ 112.00
Refill tray xs	Refill tray, 25 pcs.	0020017836	\$ 157.00
Refill tray s	Refill tray, 25 pcs.	0020017837	\$ 157.00
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	on request
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	on request



SOFTWARE
Pipette Calibration Software
\$ 314.00
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
\$ 11,248.00
Ident. No. 0008040101



With just one base unit multiple vessels can be used!

LR 1000 control System
\$ 14,007.00
Ident. No. 0025001992



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

\$ 15,903.00
Ident. No. 0020013404

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



LR-2.ST
The Allrounder

\$ 14,768.00
Ident. No. 0020013402

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



LR-2.ST
The Versatile

\$ 14,313.00
Ident. No. 0020013408

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



LR-2.ST
The Compact Power

\$ 12,850.00
Ident. No. 0020013406

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



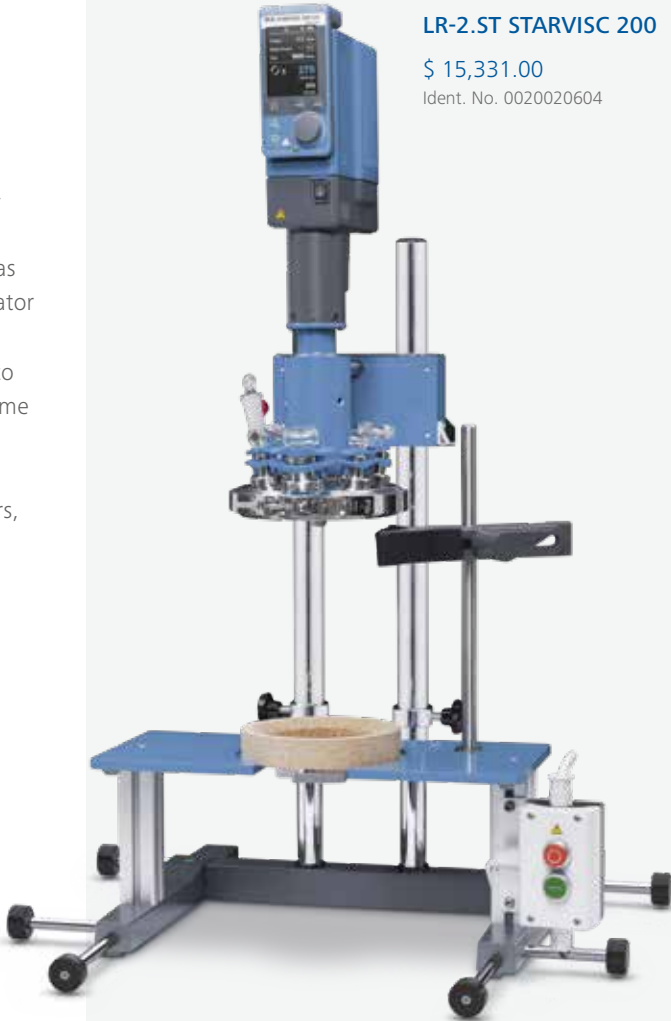
TECHNICAL DATA	LR-2.ST
Min. volume (anchor stirrer)	500 ml
Min. volume (T 25 digital)	800 ml
Max. volume	2000 ml
Max. working temperature	230 °C
Attainable vacuum	25 mbar
Max. viscosity (EUROSTAR 200 control P4)	150 000 mPas
Speed range (EUROSTAR 200 control P4)	0 4 – 530 rpm
Max. torque at stirring 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





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	on request
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	\$ 3,845.00
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	\$ 3,581.00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	\$ 983.00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	\$ 402.00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	\$ 532.00
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	\$ 743.00
LR 1000.61	Temperature sensor receptacle	0004664400	\$ 719.00
LR 1000.62	Sensor receptacle GL 14	0020010508	\$ 586.00
LR 1000.64	pH electrode	0004663300	\$ 969.00
LR 1000.65	pH electrode receptacle	0004663400	\$ 826.00
LR 1000.70	Lid holder	0025003123	\$ 448.00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	\$ 623.00
Holder MV 1	Holder for cooling water control valve	0020019816	on request

ACCESSORIES LR-2.ST			
LR-2.SI	Safety stop	0003318300	on request
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	\$ 1,781.00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	\$ 831.00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	\$ 826.00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	\$ 2,078.00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	\$ 3,059.00
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	\$ 4,096.00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	\$ 5,894.00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	\$ 10,019.00



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	\$ 929.00
LR 2000.60	Sensor receptacle	0002509300	\$ 718.00
LR 2000.64	pH process electrode	0020010075	on request
LR 2000.65	pH measuring sensor receptacle	0003172600	\$ 970.00
LR-2.SP	Splinter shield	0003326400	\$ 1,591.00
LT 5.23	Hose adapter set	0002235000	on request
LT 5.24	Hose adapter	0002578100	on request
LT 5.25	Lock coupling set	0020000878	on request
LT 5.26	Lock adapter set	0020000879	on request
LT 5.27	Hose adapter set	0020000880	on request
H 68.55	Temp. sensor, stn. steel, Ø 8 mm	0025007921	on request
HBR 4 control LR	Heating bath, 4 l	0010001849	on request
PT 1000.61	Temperature sensor, Ø 6 mm	0020009881	\$ 434.00

ACCESSORIES LABORATORY REACTORS			
T 25 digital LR	Disperser	0020008821	\$ 1,985.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	\$ 2,468.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	\$ 2,417.00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	\$ 2,254.00
S 25 KD - LR - 18 G	Dispersing element, Ø 18 mm	0025007071	on request
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	\$ 2,470.00
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	\$ 2,470.00



S 25 KD - LR - 25 G



S 25 KD - LR - 25 F

magic PLANT basic

Price on request
Ident. No. 0020001210

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



magic PLANT inline

Price on request
Ident. No. 0020004243

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. 0020001795

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

\$ 32,254.00
Ident. No. 0020015196

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**

\$ 5,485.00

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

\$ 1,097.00

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

\$ 12,892.00

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

\$ 7,031.00

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

\$ 2,580.00

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

Price on request

Ident. No. 0020022767



C 6040 Calwin

\$ 3,651.00

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	\$ 7,066.00
Expert Key 100 pro	Data collection system for industries	0020005485	\$ 6,843.00
Multi power switch	Switchable multiple connection plug board	0020003454	on request
MV 1 power plug	Cooling water valve with power plug	0010001655	on request
RV 10 A 1	Adapter valve for Expert Key	0020004314	on request
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	on request
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	on request
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	on request
PC 1.1	Cable, L 3 m	0002616700	\$ 28.00
PC 1.5	Cable, L 2.5 m	0002756000	\$ 55.00
PC 2.1	Cable, L 5 m	0002700700	\$ 227.00
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	on request
DTM 12.10	Data cable, L 2.5 m, 9 pins (F)	0003127800	\$ 911.00
PC 1.2	Adapter, 25 pins	0002616800	\$ 300.00
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	\$ 341.00
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	\$ 24.00
PCI 8.2	Plug-in card, 25 pins	0008017500	on request
USB SER 4	USB-serial converter 4 ports	0020003456	on request
USB SER 8	USB-serial converter 8 ports	0020018480	on request
USB SER 16	USB-serial converter 16 ports	0020018736	on request
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	on request
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	on request
USB ISO	USB isolator	0020101935	on request
ETH SER 4	Ethernet-serial converter 4 ports	0020024285	on request
ETH SER 8	Ethernet-serial converter 8 ports	0020024286	on request
ETH SER 16	Ethernet-serial converter 16 ports	0020024287	on request

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. 0010002421

C 1 Package 2/10

Price on request
Ident. No. 0010002413

C 1 Package 3/10

Price on request
Ident. No. 0010002422

C 1 Package 1/12

Price on request
Ident. No. 0010002423

C 1 Package 2/12

Price on request
Ident. No. 0010002416

C 1 Package 3/12

Price on request
Ident. No. 0010002424



C 200

Price on request
Ident. No. 0008802501

C 200 h

Price on request
Ident. No. 0008803701

C 200 auto

Price on request
Ident. No. 0010002382

C 200 h auto

Price on request
Ident. No. 0010002388

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. 0010004535

C 6000 isoperibol
Package 1/12

Price on request
Ident. No. 0010004536

C 6000 isoperibol
Package 2/10

Price on request
Ident. No. 0001004537

C 6000 isoperibol
Package 2/12

Price on request
Ident. No. 0010004540

C 6000 global standards
Package 1/10

Price on request
Ident. No. 0010004531

C 6000 global standards
Package 1/12

Price on request
Ident. No. 0010004532

C 6000 global standards
Package 2/10

Price on request
Ident. No. 0010004533

C 6000 global standards
Package 2/12

Price on request
Ident. No. 0010004534



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 × H × D)	500 × 425 × 450 mm	

AOD 1

\$ 16,564.00
Ident. No. 0008801301



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 × H × D)	400 × 480 × 260 mm
Power input	45 W



C 1.12



C 1.20



C 1.50

Product	Description	Ident. No.	Price
ACCESSORIES AND CONSUMABLES C 1			
C 1/10	Food add on Package for C 1	0010001917	on request
C 1.20	Water heater	0004501000	on request
C 1.10	Combustion chamber	0004500300	\$ 743.00
C 1.12	Combustion chamber, halogen resistant	0004500400	\$ 7,269.00
C 1.50	Dot matrix printer	0004500600	\$ 257.00
C 1.30	Venting station	0004500900	\$ 3,107.00
C 1.1012	Organizer	0004500700	\$ 111.00
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	\$ 591.00
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	on request
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	\$ 62.00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	\$ 196.00

ACCESSORIES AND CONSUMABLES C 6000

C 6010	Decomposition vessel, standard	0003770000	\$ 3,763.00
C 6012	Decomposition vessel, halogen resistant	0004504000	\$ 7,148.00
C 6010.10	Combustion shield	0020007518	on request
C 1.50	Dot matrix printer	0004500600	\$ 257.00
C 6030	Venting station	0004504100	\$ 2,880.00
C 60.1012	Organizer	0004504200	\$ 309.00
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	\$ 1,482.00
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	\$ 3,512.00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	\$ 62.00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	\$ 196.00

ACCESSORIES ALL CALORIMETERS

C 27	Calorimeter preparation set	0004579700	\$ 153.00
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	
C 29 (BS341-3)	Pressure regulator, oxygen	0020101322	\$ 1,826.00
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	
C 21	Pelleting press	0001605300	\$ 2,793.00
C 5010.8	Crucible holder, small	0004579800	\$ 243.00
C 5010.5	Crucible holder, big	0003055900	\$ 186.00



C 21



C 200.RC



C 248



C 5010



C 5020



C 48



C 5010.4



C 5010.5

Product	Description	Ident. No.	Price
ACCESSORIES C 200			
C 200.RC	Set of hoses	0020010835	\$ 622.00
C 248	Oxygen station	0003520000	\$ 3,063.00
C 200.1	Measuring cup, 2000 ml	0003548900	\$ 74.00
C 200.2	Conversion kit for C 5012	0004028800	\$273.00

ACCESSORIES C 200, C 2000, C 5000

C 5010	Decomposition vessel, standard	0007114000	\$ 3,888.00
C 5012	Decomposition vessel, halogen resistant	0007215000	\$ 6,852.00
C 5030	Venting station	0007198000	\$ 2,552.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	\$ 245.00
C 26	Prep stand	0008804000	\$ 959.00

ACCESSORIES C 2000, C 5000, C 6000

C 5020	Sample rack	0007145000	\$ 18,453.00
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ACCESSORIES C 2000, C 5000, C 7000

C 5041.10	Connection cable	0003036000	on request
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ACCESSORIES C 1, C 2000, C 6000

C 25	Pressure regulating valve	0003197200	\$ 950.00
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Product	Description	Ident. No.	Price
CONSUMABLES ALL CALORIMETERS			
C 6000.1	Water protect, 100 ml	0020014031	\$ 99.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	\$ 90.00
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	\$ 88.00
C 4	Quartz dish	0001695500	\$ 53.00
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	\$ 345.00
C 6	Quartz dish, big	0000355100	\$ 123.00
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	\$ 345.00
C 9	Gelatine capsules, 100 pcs.	0000749900	\$ 62.00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	\$ 261.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	\$ 78.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	\$ 84.00
C 15	Parafilm strips	0003131100	\$ 88.00
C 16	Parafilm, 1000 × 50 mm	0003801100	\$ 273.00
C 17	Paraffin, liquid, 30 ml	0003801200	\$ 450.00
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	\$ 1,006.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	\$ 50.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	\$ 420.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	\$ 292.00
CONSUMABLES C 200, C 2000, C 5000, C 7000			
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	\$ 65.00
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	\$ 250.00
C 14	Combustible crucibles, 100 pcs.	0007224500	\$ 261.00



Product	Description	Ident. No.	Price
ACCESSORIES AOD 1			
AOD 1.1	Decomposition vessel	0003303000	\$ 11,617.00
AOD 1.2	External ignition unit	0003348000	\$ 4,697.00
AOD 1.3	Protection device	0003308000	\$ 4,026.00
AOD 1.13	Remote ignition head	0003348100	\$ 1,143.00
C 48	Oxygen station	0001560000	\$ 3,276.00
C 7030	Venting station	0003013300	\$ 3,408.00
C 21	Pelleting press	0001605300	\$ 2,793.00
C 29	Pressure gauge, oxygen	000L004944	\$ 1,826.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	\$ 245.00
CONSUMABLES AOD 1			
C 4	Quartz dish	0001695500	\$ 53.00
C 9	Gelatine capsules, 100 pcs.	0000749900	\$ 62.00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	\$ 261.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	\$ 78.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	\$ 84.00
C 14	Combustible crucibles, 100 pcs.	0007224500	\$ 261.00
C 15	Parafilm strips	0003131100	\$ 88.00
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	\$ 250.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	\$ 90.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	\$ 292.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	\$ 50.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	\$ 420.00

C 6040 Calvin

\$ 3,651.00
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	\$ 39.00
R 200	Clamp for T 10 basic and R 104	0003372000	\$ 109.00
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	\$ 45.00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	\$ 49.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	\$ 73.00
R 350	Universal clamp	0001752900	\$ 221.00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	\$ 75.00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	\$ 189.00
LABLIFT m	Manual scissor lift	0004022400	\$ 256.00

STANDS			
R 104	Stand for T 10 basic, H 370 mm	0003386000	\$ 164.00
R 1825	Plate stand, H 560 mm	0003160000	\$ 218.00
R 1826	Plate stand, H 800 mm	0003160100	\$ 246.00
R 1827	Plate stand, H 1000 mm	0003160200	\$ 256.00
R 2722	H-stand, 1010 mm	0001412000	\$ 495.00
IKA [scale]	Stand with an integrated scale	0025004318	\$ 1,089.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	\$ 540.00
T 653	Telescopic stand, H 1200 mm	0001608000	\$ 2,257.00
R 474	Telescopic stand, H 1200 mm	0001643000	\$ 4,512.00
R 472	Floor stand, H 2020 mm	0000738700	\$ 6,436.00
R 2850	Floor stand, H 1900 mm	0020002900	\$ 5,108.00
R 6547 H	Floor stand, hydraulic	0020018378	\$ 12,049.00
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018383	on request



Product	Description	Ident. No.	Price
ELECTRONIC ACCESSORIES			
ALMEMO 2490	Temperature measuring instrument	0004709300	\$ 2,649.00
R 2850.SI	Safety stop	0020010623	on request
IKA [scale]	Stand with weighing function	0025004318	\$ 1,089.00
R 6547 E 400V	Floor stand, electrohydraulics	0020018384	on request
ACCESSORIES ALMEMO			
ALMEMO USB cable	USB cable	0004709400	\$ 869.00
PT 100.23	Temp. sensor, stn. steel	0003122100	\$ 353.00
PT 100.24	Temp. sensor, stn. steel, coated	0003122200	\$ 720.00
PT 100.25	Temp. sensor, stn. steel	0003122300	\$ 331.00

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		0010001529	\$ 937.00
C-MAG HS 7	Magnetic stirrer with heating, ceramic plate	0003581201	
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		0009022801	on request
T 18 digital	Disperser	0003720001	
S 18 N - 19 G	Dispersing tool	L004640	
MILL PACKAGE			
MultiDrive basic M 20 Successor Package		0010005896	\$ 4,180.00
MultiDrive basic	Universal crusher	0025002639	
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*		0010000853	\$ 2,272.00
ICC basic	Compact immersion circulator	0020002272	
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 Package*		0010000849	\$ 2,505.00
ICC control	Compact immersion circulator	0020002273	
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 Package*		0010000851	\$ 2,522.00
ICC basic	Compact immersion circulator	0020002272	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC control pro 9 Package*		0010000847	\$ 2,758.00
ICC control	Compact immersion circulator	0020002273	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic pro 12 Package*		0010000473	\$ 2,611.00
ICC basic	Compact immersion circulator	0020002272	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 Package*		0010000479	\$ 2,845.00
ICC control	Compact immersion circulator	0020002273	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC basic eco 18 Package*		0010000475	\$ 2,486.00
ICC basic	Compact immersion circulator	0020002272	
IB eco 18	Bath vessel, plastic	0004248200	
ICC control eco 18 Package*		0010000481	\$ 2,567.00
ICC control	Compact immersion circulator	0020002273	
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 20 Package*		0010000477	\$ 2,788.00
ICC basic	Compact immersion circulator	0020002272	
IB pro 20	Bath vessel, stainless steel	0004248600	
ICC control pro 20 Package*		0010000483	\$ 3,024.00
ICC control	Compact immersion circulator	0020002273	
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	0020002272	
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 c Package*			
ICC control	Compact immersion circulator	0020002273	
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 c Package*			
ICC basic	Compact immersion circulator	0020002272	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC control pro 9 c Package*			
ICC control	Compact immersion circulator	0020002273	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic pro 12 c Package*			
ICC basic	Compact immersion circulator	0020002272	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 c Package*			
ICC control	Compact immersion circulator	0020002273	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC basic eco 18 c Package*			
ICC basic	Compact immersion circulator	0020002272	
IB eco 18	Bath vessel, plastic	0004248200	
ICC control eco 18 c Package*			
ICC control	Compact immersion circulator	0020002273	
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 20 c Package*			
ICC basic	Compact immersion circulator	0020002272	
IB pro 20	Bath vessel, stainless steel	0004248600	
ICC control pro 20 c Package*			
ICC control	Compact immersion circulator	0020002273	
IB pro 20	Bath vessel, stainless steel	0004248600	

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



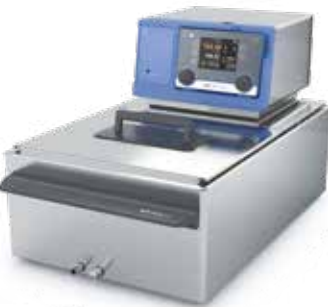
ICC control IB R RO 15 eco



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	0020002272	
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	0020002273	
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		
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		
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	0003861001	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
IC control pro 12 c Package*			
IC control	Immersion circulator	0003863001	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
IC basic pro 20 c Package*			
IC basic	Immersion circulator	0003861001	
IB pro 20	Bath vessel, stainless steel	0004248600	
CM.IC	Cover	0004577600	
IC control pro 20 c Package*			
IC control	Immersion circulator	0003863001	
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	0020015792	
HB eco	Heating bath	0025004816	
RV 10.1	Set of glassware, vertical	0003842500	
RV 10.70	Vapor tube, NS 29/32	0003829400	
RV 3 V-C Package			
RV 3	Drive	0020015792	
HB eco	Heating bath	0025004816	
RV 10.10	Set of glassware, vertical, coated	0003842600	
RV 10.70	Vapor tube, NS 29/32	0003829400	
RV 3 FLEX Package			
RV 3	Drive	0020015792	
HB eco	Heating bath	0025004816	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003829400	
RV 10.88	Clamp, NS 29	0003756200	
RV 8 V Package			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 10.1	Set of glassware, vertical	0003842500	
RV 10.70	Vapor tube, NS 29/32	0003829400	
RV 8 V-C Package			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 10.10	Set of glassware, vertical, coated	0003842600	
RV 10.70	Vapor tube, NS 29/32	0003829400	
RV 8 FLEX Package			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003829400	
RV 10.88	Clamp, NS 29	0003756200	



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	
HB eco	Heating bath	0025004816	
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	
HB eco	Heating bath	0025004816	
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	
HB digital	Heating bath	0025004361	
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	
HB digital	Heating bath	0025004361	
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	
HB digital	Heating bath	0025004361	
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 10 digital dry ice condensor C			
RV 10 digital	Drive	0020015793	
HB digital	Heating bath	0025004361	
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		0010005184	\$ 4,398.00
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0025004361	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 digital V-C Package		0010005185	\$ 4,535.00
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0025004361	
RV 10.910	Set of glassware, vertical, coated	0003842600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 digital FLEX Package		0010005186	\$ 3,816.00
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0025004361	
RV 05.10	Balljoint clamp	0000736600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.89	Clamp, NS 24	0003756200	
RV 10 auto V Package		0010005190	\$ 8,425.00
RV 10 auto	Drive	0020015837	
HB digital	Heating bath	0025004361	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	
RV 10 auto V-C Package		0010005191	\$ 8,561.00
RV 10 auto	Drive	0020015837	
HB digital	Heating bath	0025004361	
RV 10.910	Set of glassware, vertical, coated	0003842600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	
RV 10 auto FLEX Package		0010005192	\$ 8,077.00
RV 10 auto	Drive	0020015837	
HB digital	Heating bath	0025004361	
RV 05.10	Balljoint clamp	0000736600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.89	Clamp, NS 24	0003756200	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES			
RV 10 auto pro V Package		0010005195	\$ 10,813.00
RV 10 auto	Drive	0020015837	
VACSTAR digital	Pump with analog connection	0020016237	
HB digital	Heating bath	0025004361	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 auto pro V-C Package		0010005196	\$ 10,940.00
RV 10 auto	Drive	0020015837	
VACSTAR digital	Pump with analog connection	0020016237	
HB digital	Heating bath	0025004361	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 auto pro FLEX Package		0010005197	\$ 10,210.00
RV 10 auto	Drive	0020015837	
VACSTAR digital	Pump with analog connection	0020016237	
HB digital	Heating bath	0025004361	
RV 05.10	Balljoint clamp	0000736600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.89	Clamp, NS 24	0003756200	



RV 10 auto pro V-C



C 1

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 1 Package 1/10 Package		0010002421	Price on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
RC 2 basic	Recirculating chiller	0004171001	
C 1 Package 2/10 Package		0010002413	Price on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1 Package 3/10 Package		0010002422	Price on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1.20	Water heater	0020006036	
C 1 Package 1/12 Package		0010002423	Price on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
RC 2 basic	Recirculating chiller	0004171001	
C 1 Package 2/12 Package		0010002416	Price on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1 Package 3/12 Package		0010002424	Price on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1.20	Water heater	0020006036	
C 200 auto Package		0010002382	Price on request
C 200	Measurement cell	0008802501	
RC 2 basic	Recirculating chiller	0004171001	
C 200.RC	Set of hoses	0020010835	
C 5010	Decomposition vessel	0007114000	
C 248	Oxygen filling station	0003520000	
C 200 h auto Package		0010002388	Price on request
C 200	Measurement cell	0008802501	
RC 2 basic	Recirculating chiller	0004171001	
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		0010004531	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171001	
C 6000 global standards Package 1/12		0010004532	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171001	
C 6000 global standards Package 2/10		0010004533	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
C 6000 global standards Package 2/12		0010004534	Price on request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
C 6000 isoperibol Package 1/10		0010004535	Price on request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171001	
C 6000 isoperibol Package 1/12		0010004536	Price on request
C 6000 isoperibol	Measurement cell	0020005940	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171001	
C 6000 isoperibol Package 2/10		0001004537	Price on request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
C 6000 isoperibol Package 2/12		0010004540	Price on request
C 6000 isoperibol	Measurement cell	0020005940	
C 6012	Decomposition vessel, halogen resistant	0004504000	



ROTAVISC me-vi Complete



Rotavisc hi-vi I HELI Complete

Product	Description	Ident. No.	Price
VISCOMETER Packages*			
ROTAVISC lo-vi Complete Package		0025000310	\$ 3,395.00
ROTASTAND		0020006787	
ROTAVISC me-vi Complete Package		0025000311	\$ 3,395.00
ROTASTAND		0020006787	
ROTAVISC hi-vi I Complete Package		0025000312	\$ 3,395.00
ROTASTAND		0020006787	
ROTAVISC hi-vi II Complete Package		0025000313	\$ 3,395.00
ROTASTAND		0020006787	
VISCOMETER Packages* HELISTAND			
ROTAVISC lo-vi HELI Complete Package		0025008225	\$ 4,231.00
HELISTAND		0025007567	
ROTAVISC me-vi HELI Complete Package		0025008226	\$ 4,231.00
HELISTAND		0025007567	
ROTAVISC hi-vi I HELI Complete Package		0025008227	\$ 4,231.00
HELISTAND		0025007567	
ROTAVISC hi-vi II HELI Complete Package		0025008228	\$ 4,231.00
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	\$ 2,105.00
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	\$ 2,476.00
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)		0020017582	\$ 18,950.00
Reaction block		0020015936	
Electrolysis cells		0040001849	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004735	
Electrode graphite	16 pcs.	0040001850	
Screening System Package (8 undivided cells)		0040003864	\$ 18,950.00
Reaction block		0020015943	
Electrolysis cells		0040001849	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004735	
Electrode graphite	16 pcs.	0040001850	



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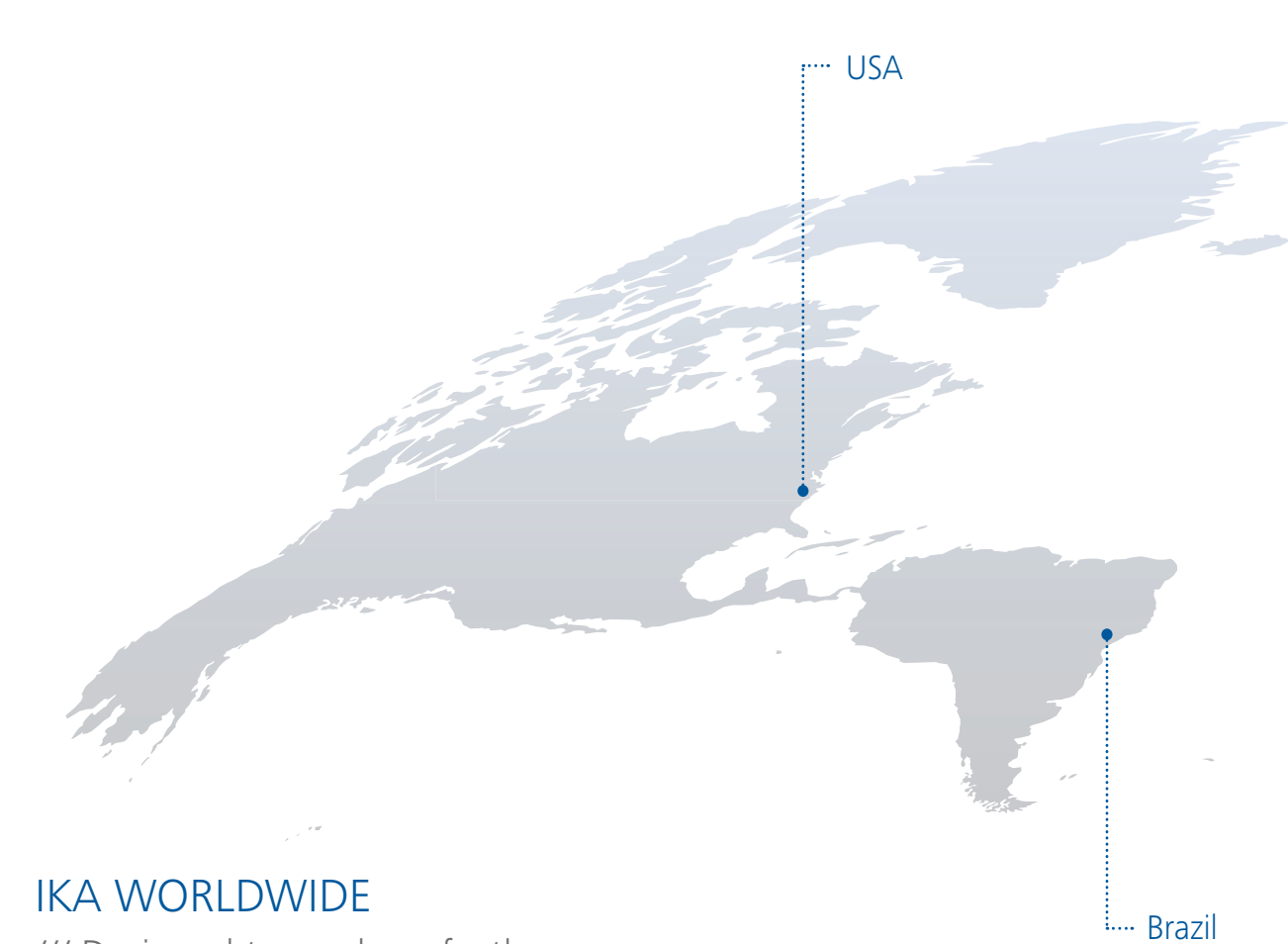
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designed for scientists

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