

# IKA

designed for scientists

EN

# 2022

PRODUCT OVERVIEW 2022



## PRODUCTS THAT WILL INSPIRE YOU!

/// Welcome to the Year of Innovations 2022

This is the year you can be especially excited for. Our development team has once again outdone itself and developed countless new and innovative products for you. Products that you did not expect. And which will sustainably improve your work. What you can rely on? The excellent ergonomic design, smart handling and particularly safe processes. And because we can't reveal everything in this catalog, it's best to subscribe to our newsletter. You will then be informed about all product launches and offers at an early stage.



Be surprised:

<https://www.ika.com/newsletter>

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## /// 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. Additionally, it 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. Even when 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 once again received the German Design Award in 2021. This time the MATRIX Orbital Delta Plus has been 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 for the fifth time already, as honored by the TOP 100 panel and mentor Ranga Yogeshwar. In 2015, IKA even managed to jump up to 2<sup>nd</sup> place in the class of companies with more than 250 employees. Additionally, studies by the University of St. Gallen have placed our company in the World Market Leader Index year after year. In 2022, we are again entitled to wear the corresponding seal of the German business magazine WirtschaftsWoche.



### 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. Two years earlier, in 2018, the magnetic stirrers C-MAG HS 7 control and RCT digital with glass surface were awarded with the German Design Award 2018 in the category "Excellent Product Design Industry", the stirrer Ministar 80 control received a "Special Mention". In the same year, the high-performance disperser IKA T 25 easy clean was honored with the German Design Award as a technical world first.

The coveted reddot award was most recently awarded in 2018 to the world's first ElectraSyn 2.0, a device for electrochemical synthesis.



### Entrepreneurial responsibility

In 2021, IKA once again was distinguished as being "socially committed" as part of the medium-sized enterprise award for social responsibility by the German state of Baden-Württemberg. Already in 2013, IKA received this award for its particular involvement with the aid project HANDS FOR CHILDREN. In the same year, 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 category Industry.





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 did not have much in common.

## ELECTRASYN 2.0 PACKAGE

/// Your chemistry has potential

Three devices  
in one



reddot award 2018  
winner



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

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

### ElectraSyn 2.0 Package

EUR 3.292,00

Ident. No. 0020008980

Ready-To-Go  
package



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

### ElectraSyn 2.0 pro Package

EUR 3.870,00

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



Fritte Sample Set

Product	Description	Ident. No.	Price
<b>ATTACHMENTS</b>			
Carousel	Attachment for multi measurements	0020017512	EUR 2.754,00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	EUR 3.818,00
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	EUR 3.442,00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	EUR 757,00
Pro-Seal	Vial cap for gas exchange	0040007151	EUR 538,00
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	EUR 823,00
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	EUR 257,00

**ACCESSORIES PRO-DIVIDE**

Fritte Set, 1 µm	Glass frit, 2 pcs.	0020102632	EUR 89,00
Fritte Set, 5 µm	Glass frit, 2 pcs.	0020102633	EUR 41,00
Fritte Set, 10 µm	Glass frit, 2 pcs.	0020102634	EUR 47,00
Fritte Sample Set	Kit of 1/5/10 µm glass frit, 1 pc. each	0020101403	EUR 86,00

**ELECTRODES FOR E-HIVE**

Copper electrode inner	Anode copper (24 pcs.)	0040007427	EUR 431,00
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	EUR 172,00
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	EUR 343,00
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	EUR 751,00
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	EUR 593,00
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	EUR 211,00



Fritte Set



Glass vial 5 ml

Glass vial complete 10 ml



ElectraSyn 2.0 Complete Starter Kit



Microvial 1 ml

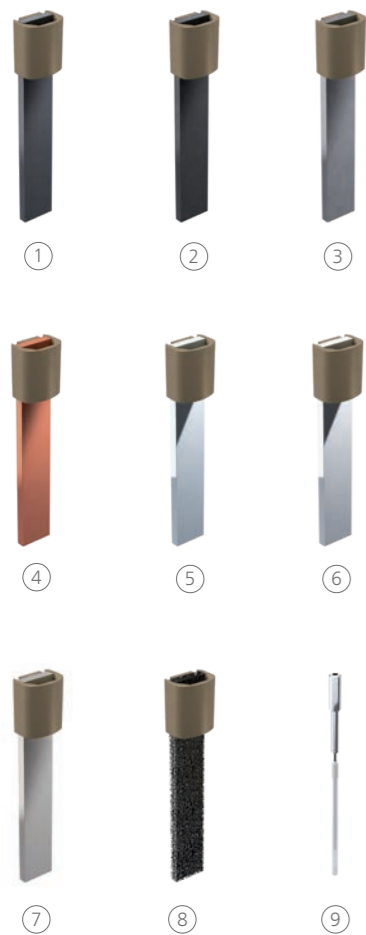
Microvial 2 ml



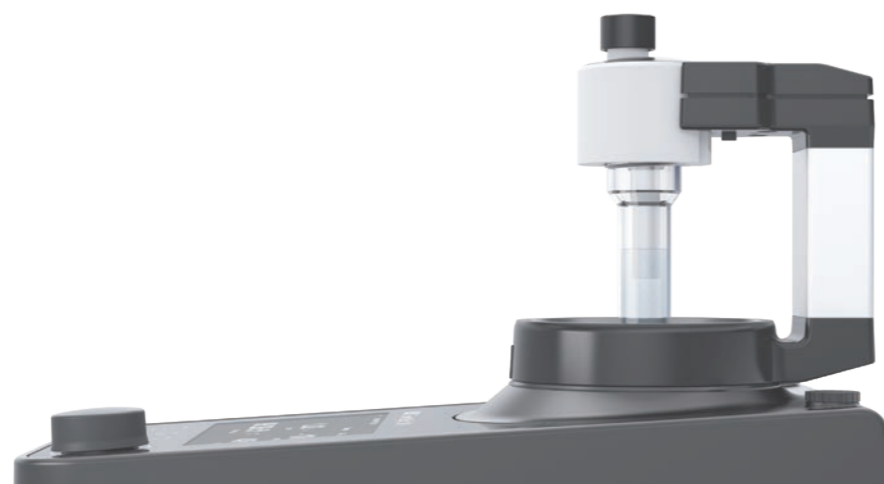
ElectraSyn 2.0 Micro Starter Kit complete

Product	Description	Ident. No.	Price
<b>VIALS / ELECTRODES</b>			
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	EUR 156,00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	EUR 144,00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	EUR 145,00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	EUR 355,00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	EUR 241,00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	EUR 261,00
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	EUR 1.854,00
ElectraSyn 2.0 Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	EUR 1.303,00
ElectraSyn 2.0 vials only	Kit of 10 × 5 ml, 10 × 10 ml, 10 × 20 ml vials	0010003811	EUR 857,00
ElectraSyn 2.0 Complete Starter Kit	Kit of 5 ml, 10 ml, 20 ml vials complete; 10 spare vials of each volume; glassy carbon, set of 2 + 8 other electrodes, each set of 12	0040004013	EUR 3.155,00
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	EUR 577,00
<b>MICROVIALS / MICROELECTRODES</b>			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	EUR 194,00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	EUR 194,00
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	EUR 506,00
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	EUR 500,00
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	EUR 2.725,00
ElectraSyn 2.0 microvials only	Kit 10 × 1 ml, 10 × 2 ml vials	0040004103	EUR 1.007,00
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	EUR 1.395,00
ElectraSyn 2.0 Micro Starter Kit complete	Kit of 1 ml and 2 ml vials complete; 10 spare vials of each volume; glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004015	EUR 3.926,00





Product	Ident. No.	Price
<b>ELECTRODES</b>		
① Electrode graphite (12 pcs.)	0040002858	EUR 205,00
② Electrode glassy carbon (2 pcs.)	0040002842	EUR 154,00
Electrode lead bronze (2 pcs.)	0020016076	EUR 156,00
Electrode lead (12 pcs.)	0040002843	EUR 385,00
Electrode tungsten (2 pcs.)	0040002845	EUR 392,00
③ Electrode niobium (2 pcs.)	0040002846	EUR 145,00
④ Electrode copper (12 pcs.)	0040002847	EUR 106,00
Electrode magnesium (12 pcs.)	0040002848	EUR 376,00
Electrode titanium (12 pcs.)	0040002849	EUR 349,00
Electrode zinc (12 pcs.)	0040002850	EUR 349,00
Electrode stainless steel (12 pcs.)	0040002851	EUR 94,00
⑤ Electrode platinum plated (2 pcs.)	0040002852	EUR 136,00
Electrode platinum foil (2 pcs.)	0040005015	EUR 685,00
Electrode platinum on ceramics (2 pcs.)	0040006753	EUR 377,00
Electrode gold plated (2 pcs.)	0040002853	EUR 351,00
⑥ Electrode silver plated (2 pcs.)	0040002854	EUR 113,00
Electrode aluminium (12 pcs.)	0040003174	EUR 207,00
Electrode boron doped diamond (2 pcs.)	0040002856	EUR 609,00
Electrode tin (12 pcs.)	0040002857	EUR 366,00
⑦ Electrode nickel (12 pcs.)	0040002859	EUR 240,00
⑧ Electrode RVC foam (12 pcs.)	0040002860	EUR 346,00
Electrode nickel foam (12 pcs.)	0040002861	EUR 84,00
Electrode cobalt (2 pcs.)	0040003385	EUR 96,00
⑨ Electrode reference (1 pc.)	0040002865	EUR 250,00
Electrode CV glassy carbon (1 pc.)	0040002863	EUR 136,00



Product	Ident. No.	Price
<b>MICROELECTRODES</b>		
① Microelectrode aluminium (12 pcs.)	0040004029	EUR 101,00
Microelectrode boron-doped diamond (2 pcs.)	0040004036	EUR 862,00
② Microelectrode cobalt (2 pcs.)	0040004039	EUR 146,00
③ Microelectrode copper (12 pcs.)	0040004027	EUR 102,00
④ Microelectrode glassy carbon (2 pcs.)	0040004022	EUR 189,00
⑤ Microelectrode gold (2 pcs.)	0040004034	EUR 246,00
Microelectrode graphite SK-50 (12 pcs.)	0040004021	EUR 250,00
Microelectrode lead (12 pcs.)	0040004028	EUR 1.022,00
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	EUR 266,00
Microelectrode magnesium (12 pcs.)	0040004025	EUR 599,00
Microelectrode nickel (12 pcs.)	0040004023	EUR 785,00
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	EUR 109,00
⑧ Microelectrode niobium (2 pcs.)	0040004032	EUR 249,00
Microelectrode platinum (2 pcs.)	0040004038	EUR 218,00
Microelectrode silver (2 pcs.)	0040004035	EUR 84,00
Microelectrode stainless steel (12 pcs.)	0040004024	EUR 175,00
⑨ Microelectrode tin (12 pcs.)	0040004037	EUR 687,00
Microelectrode titanium (12 pcs.)	0040004033	EUR 599,00
Microelectrode tungsten (2 pcs.)	0040004031	EUR 111,00
Microelectrode zinc (12 pcs.)	0040004026	EUR 599,00
Microelectrode graphite V2100 (2 pcs.)	0040004040	EUR 162,00

### Screening System Package (8 cells)

EUR 11.807,00

Ident. No. 0040003642



### Screening System Package (6 cells)

EUR 12.829,00

Ident. No. 0040003631



#### TECHNICAL DATA

#### SCREENING SYSTEM PACKAGE (6 | 8 CELLS)

#### CONTINUOUSLY ADJUSTABLE POWER SUPPLY

Voltage output 0 – 32 V (± 1 mV)

Supply voltage 115 or 230 V  
(50 Hz / 60 Hz)

#### MAGNETIC STIRRER

Speed range 0 – 1500 rpm

#### REACTION CELLS

Number of cells 6 (divided cell) or  
8 (undivided cell)

Cell volume of undivided cell 10,7 ml

Cell volume of divided cell  
(per chamber) 12,7 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
<b>REACTION BLOCKS AND CELLS</b>		
Reaction block with 6 divided cells	0020015936	EUR 2.204,00
Reaction block with 8 undivided cells	0020015943	EUR 1.212,00
Set of reaction cells (6 divided cells)	0040003647	EUR 1.983,00
Set of reaction cells (8 undivided cells)	0040003648	EUR 991,00
<b>ELECTRODES</b>		
Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	EUR 4.295,00
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	EUR 1.064,00
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	EUR 182,00
Electrode 0.7 platinum (8 pcs.)	0040003678	EUR 652,00
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	EUR 386,00
Electrode 0.7 gold (8 pcs.)	0040003934	EUR 412,00
Electrode 0.7 silver (8 pcs.)	0040003938	EUR 320,00
Electrode 0.7 nickel foam (16 pcs.)	0040003935	EUR 87,00
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	EUR 732,00
Electrode 0.7 nickel (16 pcs.)	0040003671	EUR 498,00
Electrode 0.7 stainless steel (8 pcs.)	0040003672	EUR 275,00
Electrode 0.7 lead (16 pcs.)	0040003673	EUR 542,00
Electrode 0.7 lead bronze (8 pcs.)	0040003674	EUR 357,00
Electrode 0.7 copper (8 pcs.)	0040003675	EUR 235,00
Electrode 0.7 magnesium (16 pcs.)	0040003677	EUR 498,00
Electrode 0.7 zinc (16 pcs.)	0040003680	EUR 469,00
Electrode 0.7 aluminium (16 pcs.)	0040003682	EUR 586,00
Electrode 0.7 cobalt (8 pcs.)	0040003933	EUR 339,00
Electrode 0.7 niobium (8 pcs.)	0040003936	EUR 309,00
Electrode 0.7 tin (8 pcs.)	0040003939	EUR 268,00
Electrode 0.7 titanium (8 pcs.)	0040003940	EUR 247,00
Electrode 0.7 tungsten (8 pcs.)	0040003941	EUR 357,00
Electrode 0.7 RVC (16 pcs.)	0040003937	EUR 431,00
Electrode 0.7 Sampler Kit incl. 7 × 2 electrodes*	0040004509	EUR 1.588,00
Electrode 0.7 Starter Kit incl. 9 × 1 electrode**	0040003646	EUR 4.880,00
Electrode 0.7 power supply	0040003604	EUR 4.408,00
SC 1.1 Cable (1 – 4)	0040003663	EUR 143,00
SC 1.2 Cable (5 – 8)	0020018590	EUR 143,00
SC 2.1 Crocodile clip for cable set	0040003630	EUR 28,00
labworldsoft® 6 Screening System	0020023690	EUR 1.070,00

\*BDD, cobalt, gold, silver, niobium,  
tungsten, titanium\*\*graphite V2100, glassy carbon,  
magnesium, tin, nickel foam, nickel,  
lead, lead bronze, copper



Continuous flow synthesis is rapidly becoming an essential part of any workflow within the chemical and pharmaceutical industries due to the many advantages over batch chemistry that it provides. Chemists trust in the increased reproducibility of reactions, higher process reliability, rapid modification and testing of chemical processes and conditions, and last but not least, increased product quality and yield. IKA FLOW system is integrated with the most common lab equipment for the transition to continuous flow synthesis. Compared to other expensive and commercially available flow chemistry systems which have to include flow capacity supporting equipment, the flexibility of IKA FLOW lowers its cost.

## IKA FLOW SYSTEM

/// Flow chemistry your way

### HIGHLY FLEXIBLE

IKA FLOW System is highly flexible due to its variety of accessories and consumables.

### EASILY INTEGRATED

Further proof of IKA FLOW System's flexibility is its compatibility with any fume hood gas to put pressure on the reaction process.

### LIGHT-WEIGHT AND COMPACT DESIGN

IKA FLOW System has one of the smallest footprints compared to other flow reactors on the market and is easy to move in a laboratory to where it is needed.

### CONSISTENT, PREDICTABLE AND SAFE

With the IKA FLOW System, there are no separate pumps required. The system can be integrated with the gas outlet from the fume hood. The continuous gas moves fluid through the system, hardly causing any risk of pressure drop or fluctuation in the system during reaction.



### CONSTANTLY DEVELOPING

IKA FLOW System is just the start of your journey into the incorporation of continuous flow synthesis in your laboratory. Our R&D team is currently working on new modular solutions.

## IKA FLOW System

EUR 4.684,00

Ident. No. 0020100742



› IKA FLOW System  
+ Glass bottle  
+ Capillary set  
+ Heating block  
+ CDR.PP standard (2x)  
+ Tubing set

TECHNICAL DATA	IKA FLOW SYSTEM
Max. solvent volume	500 ml
Connection type	Push-to-connect // Screw fittings
Max. input pressure	1 mPa
Input pressure	Pressure of the gas from fume hood
Max. working pressure	137 kPa
Max. working temperature	100 °C
Working pressure	Pressure of the gas in solvent bottle
Material	304 stainless steel // Nylon (PA)
Dimensions (W × H × D)	250 × 375 × 140 mm
Weight	2,7 kg

Name	Description	Ident. No.	Price
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### ACCESSORIES IKA FLOW

#### REACTOR SETS

CDR.PP narrow	Disc reactor set, polypropylene, narrow, 2 pcs.	0020102705	EUR 81,00
CDR.PP standard	Disc reactor set, polypropylene, standard, 2 pcs.	0020102637	EUR 81,00
CDR.PVDF narrow	Disc reactor set, polyvinylidene difluoride, narrow, 2 pcs.	0020102706	EUR 176,00
CDR.PVDF standard	Disc reactor set, polyvinylidene difluoride, standard, 2 pcs.	0020102638	EUR 176,00

#### MIXING CHIPS

MX.PP	Mixing chip set, polypropylene	0020103092	EUR 51,00
MX.PVDF	Mixing chip set, polyvinylidene difluoride	0020103093	EUR 110,00

#### OTHER ACCESSORIES

Heating Block	Heating block for up to four disc reactors	0020103369	EUR 186,00
Capillary Set	Capillary set, 4 pcs.	0020103091	EUR 202,00



CDR.PP narrow



CDR.PVDF standard



MX.PP



MX.PVDF



Heating Block



Capillary Set

We think that even a laboratory classic can always be made better: The magnetic stirrer was invented more than seven decades ago, but the world's best-selling stirrers have never been as powerful, energy-efficient, safe 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 heating function, and even for multiple syntheses in up to 36 vessels at the same time. And now there is also the I-MAG industrial magnetic stirrer for large volumes.

## I-MAG Industrial magnetic stirrer

/// The magnetic stirrer for large volumes

The powerful I-MAG mixes volumes of up to 300 liters. In production, it is suitable for large volumes with low viscosity; in pilot scale, it also mixes higher viscosity media. I-MAG has a strikingly compact design and integration into process plants or networks is simple: I-MAG comes with numerous digital and analog interfaces and can be controlled in a fully automated manner, e.g. with the labworldsoft® 6 laboratory software.



### ROBUST AND STRONG

The drive unit consists of a powerful, wear-free motor and the magnetic coupling with high-performance neodymium magnets. Thus, it mixes particularly effectively - even liquids in double-walled containers or containers with insulated bottoms. Thanks to its closed stainless steel housing, I-MAG has a very high IP protection class of 64, which means that it can be used without restriction even under harsh conditions and is easy to clean.

### PROCESS-SAFE

In order to reliably achieve high speeds even under difficult conditions, I-MAG has an adjustable start-up speed that prevents the magnetic stir bar from breaking off during the acceleration phase. It is also process-safe thanks to integrated detection of magnetic stir bar coupling. In the event of a tear-off or failure of magnetic coupling, the user is informed via the operating unit.

### IKA Plate (RCT digital)

EUR 966,00

Ident. No. 0025004601



### RCT 5 digital

EUR 991,00

Ident. No. 0020002704



New: 850 W heating power

### C-MAG HS 7 control

EUR 991,00

Ident. No. 0020002694



### RET control-visc

EUR 1.641,00

Ident. No. 0005020000

Weighing function & pH measurement

### RET control-visc white

EUR 1.693,00

Ident. No. 0005030000



TECHNICAL DATA	IKA PLATE (RCT DIGITAL)	RCT 5 DIGITAL	C-MAG HS 7 CONTROL	RET CONTROL-VISC   WHITE
Stirring quantity max. (H <sub>2</sub> O)	20 l	20 l	20 l	20 l
Direction of rotation	right   left	right   left	right   left	right
Speed range	50 – 1500 rpm	50 – 1500 rpm	50 – 1500 rpm	50 – 1700 rpm
Heat output	600 W	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   Coated
Load capacity weighing function max.	–	–	–	5 kg
Set-up plate dimensions	Ø 135 mm	137 × 137 mm	180 × 180 mm	Ø 135 mm
Dimensions (W × H × D)	160 × 85 × 270 mm	160 × 85 × 270 mm	220 × 88 × 354 mm	160 × 85 × 270 mm
Protection class according to DIN EN 60529	IP 42	IP 42	IP 21	IP 42



① C-MAG HS 4 digital

EUR 707,00  
Ident. No. 0004240200

② C-MAG HS 7 digital

EUR 827,00  
Ident. No. 0003487000

③ C-MAG HS 10 digital

EUR 991,00  
Ident. No. 0004240400



① C-MAG HS 4

EUR 567,00  
Ident. No. 0003581000

② C-MAG HS 7

EUR 623,00  
Ident. No. 0003581200

③ C-MAG HS 10

EUR 851,00  
Ident. No. 0003581400



① RH basic

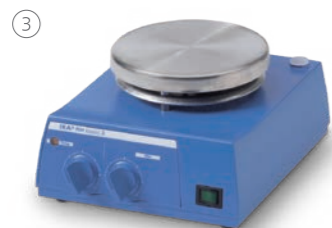
EUR 567,00  
Ident. No. 0005019700

② RH basic white

EUR 635,00  
Ident. No. 0005029700

③ RH basic 2

EUR 395,00  
Ident. No. 0003339000



① RH digital

EUR 680,00  
Ident. No. 0005019800

② RH digital white

EUR 741,00  
Ident. No. 0004678000



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

RET basic

EUR 1.247,00  
Ident. No. 0003622000

RCT basic

EUR 827,00  
Ident. No. 0003810000



① RT 5

EUR 2.499,00  
Ident. No. 0003690600

② RT 10

EUR 3.299,00  
Ident. No. 0003691100

③ RT 15

EUR 4.149,00  
Ident. No. 0003692600



TECHNICAL DATA	RET BASIC	RCT BASIC	RT 5   RT 10   RT 15
Stirring quantity max. (H <sub>2</sub> 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

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.

- ① **RO 5**  
EUR 1.475,00  
Ident. No. 0003690500
- ② **RO 10**  
EUR 1.702,00  
Ident. No. 0003691000
- ③ **RO 15**  
EUR 2.380,00  
Ident. No. 0003692500



**KMO 3 basic**  
EUR 641,00  
Ident. No. 0020004631



Illuminated, flat stirring plate



- ① **Midi MR 1 digital**  
EUR 3.416,00  
Ident. No. 0025002968
- ② **Maxi MR 1 digital**  
EUR 3.747,00  
Ident. No. 0025002978



**I-MAG**  
EUR 3.499,00  
Ident. No. 0020014226

NEW!



TECHNICAL DATA	RO 5   RO 10   RO 15	KMO 3 BASIC	MIDI MR 1 DIGITAL   MAXI MR 1 DIGITAL	I-MAG
Stirring quantity max. (H <sub>2</sub> O)	0,4 l per stirring position	5 l	50 l   150 l	300 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	Stainless steel 1.4301
Set-up plate dimensions	120 × 470 mm 190 × 470 mm 280 × 470 mm	140 × 120 mm	350 × 350 mm 500 × 500 mm	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	260 × 70 × 300 mm
Protection class according to DIN EN 60529	IP 40	IP 42	IP 21	IP 64 / IP 22

- ① **topolino**  
EUR 117,00  
Ident. No. 0003368000
- ② **topolino mobil**  
EUR 283,00  
Ident. No. 0003381300
- ③ **Mini MR standard**  
EUR 242,00  
Ident. No. 0025004132



**color squid white**  
EUR 340,00  
Ident. No. 0003671000

**big squid white**  
EUR 340,00  
Ident. No. 0003672000

**IKA myPlate**  
EUR 340,00  
Ident. No. 0025005156

Design the set-up plate yourself



- ① **C-MAG MS 4**  
EUR 529,00  
Ident. No. 0003582200
- ② **C-MAG MS 7**  
EUR 582,00  
Ident. No. 0003582400
- ③ **C-MAG MS 10**  
EUR 795,00  
Ident. No. 0003582600



**lab disc white**  
EUR 310,00  
Ident. No. 0003907500



TECHNICAL DATA	TOPOLINO / MINI MR STANDARD	IKA MYPLATE	LAB DISC	C-MAG MS 4   7   10
Stirring quantity max. (H <sub>2</sub> O)	0,25 l / 1 l	1,5 l	0,8 l	5 l   10 l   15 l
Speed range	500 – 1800 rpm / 0 – 2500 rpm	100 – 2500 rpm	15 – 1500 rpm	100 – 1500 rpm
Set-up plate material	Synthetic (PP) / Polyester	Glass	Polyester	Ceramic
Set-up plate dimensions	Ø 80 mm / 115 × 115 mm	Ø 135 mm	Ø 100 mm	100 × 100 mm 180 × 180 mm 260 × 260 mm
Dimensions (W × H × D)	95 × 37 × 115 mm / 115 × 37 × 129 mm	152 × 30 × 164 mm	116 × 12 × 175 mm	150 × 105 × 260 mm 220 × 105 × 335 mm 300 × 105 × 415 mm
Protection class according to DIN EN 60529	IP 21 / IP 42	IP 54	IP 65	IP 21





Product	Ident. No.	Price
<b>TEMPERATURE SENSORS</b>		
<b>Stainless steel</b>		
PT 1000.60	0003516800	EUR 133,00
PT 1000.80	0004443000	EUR 141,00
PT 100.70	0020000440	EUR 128,00
<b>Glass-coated</b>		
PT 1000.70	0003736000	EUR 146,00
PT 100.51	0002600300	EUR 292,00
<b>SafeCoat (PFA, PTFE)</b>		
PT 1000.90	0004480600	EUR 188,00
PT 100.53	0004499700	EUR 299,00
<b>Dual</b>		
PT 1000.50	0003367600	EUR 292,00
PT 1000.51	0003377700	EUR 339,00

**ELECTRONIC CONTACT THERMOMETERS**

ETS-D5	0003378000	EUR 385,00
ETS-D6	0003378100	EUR 567,00

**SENSORS FOR ETS-D5 / ETS-D6**

H 62.51	0002735451	EUR 193,00
H 66.51, glass coated	0002735551	EUR 283,00
H 66.53, coated	0004499900	EUR 226,00
H 70, extension cable	0002735600	EUR 196,00



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
-	•	•	•	•	•	-	-
-	+	+	+	+	+	-	-
•	-	-	-	-	-	-	-
-	+	+	+	+	+	-	-
+	-	-	-	-	-	-	-
-	+	+	+	+	+	-	-
+	-	-	-	-	-	-	-
+	-	-	-	-	-	-	-
-	+	+	+	+	-	+	+
-	+	+	+	+	-	+	+

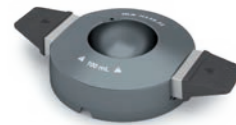
+ Compatible | - Not compatible | • Included in delivery



Product	Hole Ø	Dimensions	Ident. No	Price
<b>DRY HEATING BLOCK SQUARE SERIES</b>				
H 135.10 Square carrier without handle	–	160 × 160 mm	0025000832	EUR 146,00
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	EUR 261,00
H 135.101 Block 16 × 4 ml	15,2 mm	79 × 79 mm	0025000626	EUR 70,00
H 135.102 Block 16 × 8 ml	17,5 mm	79 × 79 mm	0025000627	EUR 70,00
H 135.103 Block 9 × 16 ml	20,5 mm	79 × 79 mm	0025000628	EUR 70,00
H 135.104 Block 4 × 20 ml	28,5 mm	79 × 79 mm	0025000629	EUR 70,00
H 135.105 Block 4 × 30 ml	28,5 mm	79 × 79 mm	0025000630	EUR 70,00
H 135.106 Block 4 × 40 ml	28,5 mm	79 × 79 mm	0025000631	EUR 70,00
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	EUR 70,00
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	EUR 70,00

Square carrier with handle:  
H 135.11

H 135.104

Flask carrier with handle:  
H 135.21Flask carrier without  
handle: H 135.25

Inlay: H 135.301



Inlay: H 135.401



Inlay: H 135.501

Product	Max. outer Ø	Inner Ø	Ident. No	Price
<b>100 ML FLASK HEATING BLOCK SERIES</b>				
H 135.20 Flask carrier 100 ml without handle	142 mm	–	0025000634	EUR 125,00
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	EUR 238,00
H 135.201 Flask inlay 10 ml	–	33,8 mm	0025000636	EUR 70,00
H 135.202 Flask inlay 25 ml	–	43,8 mm	0025000637	EUR 70,00
H 135.203 Flask inlay 50 ml	–	52,8 mm	0025000638	EUR 70,00
<b>250 ML FLASK HEATING BLOCK SERIES</b>				
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	EUR 159,00
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	EUR 272,00

<b>500 ML FLASK HEATING BLOCK SERIES</b>				
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	EUR 170,00
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	EUR 283,00
H 135.301 Flask inlay 100 ml	–	66,3 mm	0025000641	EUR 70,00
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	EUR 70,00

<b>1000 ML FLASK HEATING BLOCK SERIES</b>				
H 135.40 Flask carrier 1000 ml without handle	166,3 mm	–	0025000833	EUR 214,00
H 135.41 Flask carrier 1000 ml with handle	166,3 mm	–	0004448500	EUR 328,00
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	EUR 125,00

<b>2000 ML FLASK HEATING BLOCK SERIES</b>				
H 135.50 Flask carrier 2000 ml without handle	194,7 mm	–	0025000834	EUR 294,00
H 135.51 Flask carrier 2000 ml with handle	194,7 mm	–	0004448600	EUR 408,00
H 135.501 Flask inlay 1000 ml	–	131,8 mm	0025000645	EUR 180,00

Product	Dimensions	Ident. No	Price	Product	Dimensions	Ident. No	Price
<b>IKAFLON® ROUND PTFE-COATED</b>				<b>IKAFLON® CROSS PTFE-COATED</b>			
10 round (5 pcs.)	10 × 6 mm	0004488600	EUR 8,60	10 cross (5 pcs.)	10 × 10 mm	0004496200	EUR 15,00
15 round (5 pcs.)	15 × 6 mm	0004488700	EUR 9,70	20 cross (5 pcs.)	20 × 20 mm	0004496400	EUR 21,00
20 round (5 pcs.)	20 × 8 mm	0004488800	EUR 11,80	25 cross (5 pcs.)	25 × 25 mm	0004496600	EUR 24,00
25 round (5 pcs.)	25 × 8 mm	0004488900	EUR 14,00	30 cross (5 pcs.)	30 × 30 mm	0004496800	EUR 30,00
30 round (5 pcs.)	30 × 8 mm	0004489000	EUR 14,00	38 cross (5 pcs.)	38 × 38 mm	0004497000	EUR 37,00
40 round (5 pcs.)	40 × 8 mm	0004489100	EUR 15,00	<b>IKAFLON® BONE PTFE-COATED</b>			
50 round (5 pcs.)	50 × 8 mm	0004489200	EUR 16,10	37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	EUR 54,00
80 round (5 pcs.)	80 × 10 mm	0004489300	EUR 41,00	54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	EUR 66,00
110 round (1 pc.)	108 × 27 mm	0000793300	EUR 99,00	<b>IKAFLON® BEAKER PTFE-COATED</b>			
155 round (1 pc.)	153 × 27 mm	0001129000	EUR 110,00	74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	EUR 313,00

<b>IKAFLON® ROUND GLASS-COATED</b>			
25 round (5 pcs.)	25 × 6 mm	0004492200	EUR 27,00
40 round (5 pcs.)	40 × 8 mm	0004492600	EUR 27,00
50 round (5 pcs.)	50 × 8 mm	0004492800	EUR 29,00

<b>IKAFLON® SLIDE ROUND</b>			
25 slide (5 pcs.)	25 × 6 mm	0004493800	EUR 11,80
30 slide (5 pcs.)	30 × 6 mm	0004494000	EUR 11,80
40 slide (5 pcs.)	40 × 8 mm	0004494200	EUR 22,00
50 slide (5 pcs.)	50 × 8 mm	0004494400	EUR 25,00

<b>IKAFLON® POWER</b>			
20 power (5 pcs.)	20 × 6 mm	0004493000	EUR 27,00
30 power (5 pcs.)	30 × 6 mm	0004493200	EUR 41,00
50 power (5 pcs.)	50 × 8 mm	0004493400	EUR 50,00

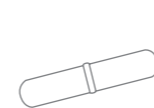
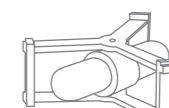
<b>IKAFLON® ELLIPSE PTFE-COATED</b>			
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	EUR 18,20
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	EUR 21,00
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	EUR 27,00
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	EUR 34,00
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	EUR 43,00
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	EUR 61,00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	EUR 106,00

<b>IKAFLON® CROWN PTFE-COATED</b>			
9 crown (5 pcs.)	9 × 6 mm	0004498400	EUR 12,90

<b>TRIKA® PTFE-COATED</b>			
25 Trika (5 pcs.)	25 × 8 mm	0004499300	EUR 12,90
35 Trika (5 pcs.)	35 × 9 mm	0004499400	EUR 21,00
55 Trika (5 pcs.)	55 × 14 mm	0004499500	EUR 32,00
80 Trika (5 pcs.)	80 × 17 mm	0004499600	EUR 44,00

<b>SET OF MAGNETIC STIRRING BARS</b>			
RS 1		0001358600	EUR 115,00
RS 2		0004499100	EUR 131,00

<b>STIRRING BAR REMOVER</b>			
RSE	Stirring bar remover	0001293100	EUR 75,00

IKAFLON® round  
PTFE-coatedIKAFLON® ellipse  
PTFE-coatedIKAFLON® cross  
PTFE-coatedIKAFLON® bone  
PTFE-coatedIKAFLON® beaker  
PTFE-coated

TRIKA® PTFE-coated





WiCo RET control-visc



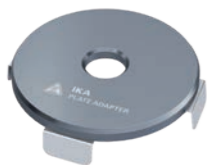
Cover RET control-visc



IB R RO 15 eco



LABLIFT m



IKA Plate Adapter



## LABORATORY SOFTWARE

**labworldsoft® 6 Starter**

EUR 4.299,00

Ident. No. 0020019397

**labworldsoft® 6 Pro**

EUR 9.809,00

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.

Product	Description	Ident. No.	Price
<b>WIRELESS-CONTROLLED OPERATING UNIT</b>			
WiCo RET control-visc	Wireless remote control	0020007259	EUR 399,00
<b>COVERS</b>			
H 102	Cover for RH basic	0004281600	EUR 18,20
H 103	Cover for RH digital	0004299100	EUR 18,20
H 100	Cover for RCT basic and RET basic	0003661000	EUR 18,20
H 104	Cover for RET control-visc	0004209500	EUR 18,20
<b>MAINS CABLES</b>			
H 11	Mains cable Euro plug	0001091500	EUR 33,00
H 11	Mains cable USA plug	0003564500	EUR 33,00
H 11	Mains cable UK plug	0002410700	EUR 33,00
H 11	Mains cable CH plug	0001091600	EUR 33,00
H 11	Mains cable IN plug	0003923600	EUR 33,00
<b>PLASTIC BATH FOR MAGNETIC STIRRER RO 15</b>			
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	EUR 871,00
<b>LABLIFT</b>			
LABLIFT m	Up to 25 kg (max. static load)	0004022400	EUR 298,00
<b>IKA PLATE ADAPTER</b>			
IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	EUR 176,00
<b>BEAKER CAP</b>			
BC 1000	Beaker cap	0020003417	EUR 17,20



H 3000



HG 600



H 16.3



H 44



IKAFLON 90 slide



IKAFLON 118 float

RSE XL



I-MAG SP 300



Product	Description	Ident. No.	Price
<b>OIL BATH ATTACHMENTS</b>			
H 29	Oil bath attachment, 1 l	0002829400	EUR 225,00
H 30	Oil bath attachment, 1,5 l	0002829500	EUR 249,00
<b>BEAKERS, STAINLESS STEEL</b>			
H 1000	Beaker, stainless steel, 1 l	0004444401	EUR 380,00
H 1500	Beaker, stainless steel, 1,5 l	0004444501	EUR 392,00
H 3000	Beaker, stainless steel, 3 l	0004444503	EUR 403,00
H 5000	Beaker, stainless steel, 5 l	0004444505	EUR 475,00
<b>HEATING JACKETS</b>			
HG 600	Heating jacket for beaker 600 ml	0020003416	EUR 110,00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	EUR 132,00
<b>HOLDERS</b>			
H 16 V	Support rod	0001545100	EUR 69,00
H 16.3	Extension for support rod	0025000622	EUR 18,20
H 44	Boss head clamp	0002437700	EUR 33,00
H 38	Holding rod	0003547700	EUR 30,00
<b>ACCESSORIES FOR I-MAG</b>			
IKAFLON 90 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 90 x 30 mm, 1 pc.	0020102963	EUR 90,00
IKAFLON 140 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 140 x 30 mm, 1 pc.	0020110382	on request
IKAFLON 118 float	Magnetic stirring drive, PPS round, Ø 118 mm, 1 pc.	0020100638	EUR 419,00
RSE XL	Stirring bar remover for I-MAG	0020100641	EUR 349,00
I-MAG SP 150	Platform extension for I-MAG, for barrels up to 150 liters	0020102994	EUR 399,00
I-MAG SP 300	Platform extension for I-MAG, for barrels up to 300 liters	0020102996	EUR 599,00
I-MAG cart	Transport trolley and platform for I-MAG, for barrels up to 300 liters	0025008091	EUR 1.299,00
I-MAG BR	Bracket for stand rod I-MAG	0020110383	on request
I-MAG UHC	Universal holder for I-MAG controller	0020110381	on request

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



Original size

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

#### CONSTANT TORQUE

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

#### EASE OF OPERATION

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

#### RAPID UPDATES

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

#### NANOSTAR 7.5 digital

EUR 813,00  
Ident. No. 0025004356



#### MICROSTAR 7.5 digital

EUR 881,00  
Ident. No. 0025004715



#### MICROSTAR 7.5 control

EUR 1.212,00  
Ident. No. 0025001984



Speed range:  
50 – 2000 rpm

#### MICROSTAR 15 digital

EUR 947,00  
Ident. No. 0025004883



#### MICROSTAR 15 control

EUR 1.278,00  
Ident. No. 0025001986



#### MICROSTAR 30 digital

EUR 991,00  
Ident. No. 0025004884



#### MICROSTAR 30 control

EUR 1.322,00  
Ident. No. 0025001987



Temperature sensor included

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



**MINISTAR 20 digital**

EUR 947,00  
Ident. No. 0025004885



**MINISTAR 20 control**

EUR 1.278,00  
Ident. No. 0025001988



**MINISTAR 40 digital**

EUR 1.058,00  
Ident. No. 0025004886



**MINISTAR 40 control**

EUR 1.388,00  
Ident. No. 0025001989



Vibration sensor included

**MINISTAR 80 digital**

EUR 1.168,00  
Ident. No. 0025004887



Power package: 80 Ncm

**MINISTAR 80 control**

EUR 1.498,00  
Ident. No. 0025001990



TECHNICAL DATA	MINISTAR 20 DIGITAL   CONTROL	MINISTAR 40 DIGITAL   CONTROL	MINISTAR 80 DIGITAL   CONTROL
Stirring quantity max. (H <sub>2</sub> O)	15 l	25 l	50 l
Speed range	0 / 50 – 2000 rpm	0 / 50 – 1000 rpm 0 / 30 – 1000 rpm	0 / 50 – 500 rpm 0 / 30 – 500 rpm
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 x H x D)	70 x 193 x 147 mm 70 x 193 x 154 mm	70 x 193 x 147 mm 70 x 193 x 154 mm	70 x 193 x 147 mm 70 x 193 x 154 mm
Protection class according to DIN EN 60529	IP 54	IP 54	IP 54

**EUROSTAR 20 digital**

EUR 1.027,00  
Ident. No. 0004442000



**EUROSTAR 40 digital**

EUR 1.249,00  
Ident. No. 0004444000



Quiet operation with brushless DC motor

**EUROSTAR 60 digital**

EUR 1.497,00  
Ident. No. 0004446000



**EUROSTAR 60 control**

EUR 2.293,00  
Ident. No. 0004440000



**EUROSTAR 100 digital**

EUR 2.138,00  
Ident. No. 0004238100



**EUROSTAR 100 control**

EUR 2.900,00  
Ident. No. 0004028500



left right interval rotation

**EUROSTAR 200 digital**

EUR 2.832,00  
Ident. No. 0003990000



**EUROSTAR 200 control**

EUR 3.451,00  
Ident. No. 0003992000



TECHNICAL DATA	EUROSTAR 20 DIGITAL   40 DIGITAL	EUROSTAR 60 DIGITAL   CONTROL	EUROSTAR 100 DIGITAL   CONTROL	EUROSTAR 200 DIGITAL   CONTROL
Stirring quantity max. (H <sub>2</sub> O)	15 l   25 l	40 l	100 l	100 l
Speed range	0 / 30 – 2000 rpm	0 / 30 – 2000 rpm	0 / 30 – 1300 rpm	I: 0 / 6 – 400 rpm II: 30 – 2000 rpm
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 x H x D)	86 x 248 x 208 mm	86 x 248 x 208 mm 86 x 267 x 230 mm	86 x 248 x 208 mm 86 x 267 x 230 mm	91 x 274 x 209 mm 91 x 297 x 231 mm
Protection class according to DIN EN 60529	IP 42	IP 42   IP 40	IP 42   IP 40	IP 42   IP 40

**EUROSTAR 400 digital**

EUR 3.553,00  
Ident. No. 0004214000

**EUROSTAR 400 control**

EUR 4.167,00  
Ident. No. 0004214100



**EUROSTAR 20 high speed digital**

EUR 2.093,00  
Ident. No. 0004028600

**EUROSTAR 20 high speed control**

EUR 2.955,00  
Ident. No. 0025001314



**EUROSTAR 100 P4 control**

EUR 4.057,00  
Ident. No. 0025004384



**EUROSTAR 200 P4 control**

EUR 4.608,00  
Ident. No. 0004090000

Extremely powerful stirrer for highly viscous applications



TECHNICAL DATA	EUROSTAR 400 DIGITAL   CONTROL	EUROSTAR 20 HIGH SPEED DIGITAL   CONTROL	EUROSTAR 100 P4 CONTROL	EUROSTAR 200 P4 CONTROL
Stirring quantity max. (H <sub>2</sub> O)	150 l	20 l	100 l	100 l
Speed range	I: 6 – 400 rpm II: 30 – 2000 rpm	0 / 150 – 6000 rpm	10 – 300 rpm	I: 0 / 4 – 108 rpm II: 16 – 530 rpm
Viscosity max.	100 000 mPas	10 000 mPas	100 000 mPas	150 000 mPas
Torque max. at stirring shaft	I: 400 Ncm II: 80 Ncm	20 Ncm	320 Ncm	I: 660 Ncm II: 130 Ncm
Chuck range diameter	3 – 16 mm	–	0,5 – 10 mm	0,5 – 10 mm
Display	LED   TFT	LED   TFT	TFT	TFT
Temperature measuring range	–   -10 – 350 °C	–   -10 – 350 °C	-10 – 350 °C	-10 – 350 °C
Dimensions (W x H x D)	114 x 325 x 245 mm 114 x 345 x 268 mm	86 x 325 x 208 mm 86 x 325 x 230 mm	86 x 352 x 230 mm	91 x 379 x 231 mm
Protection class according to DIN EN 60529	IP 42   IP 40	IP 42   IP 40	IP 40	IP 40

**RW 20 digital**

EUR 1.283,00  
Ident. No. 0003593000



**RW 28 digital**

EUR 3.306,00  
Ident. No. 0005040000



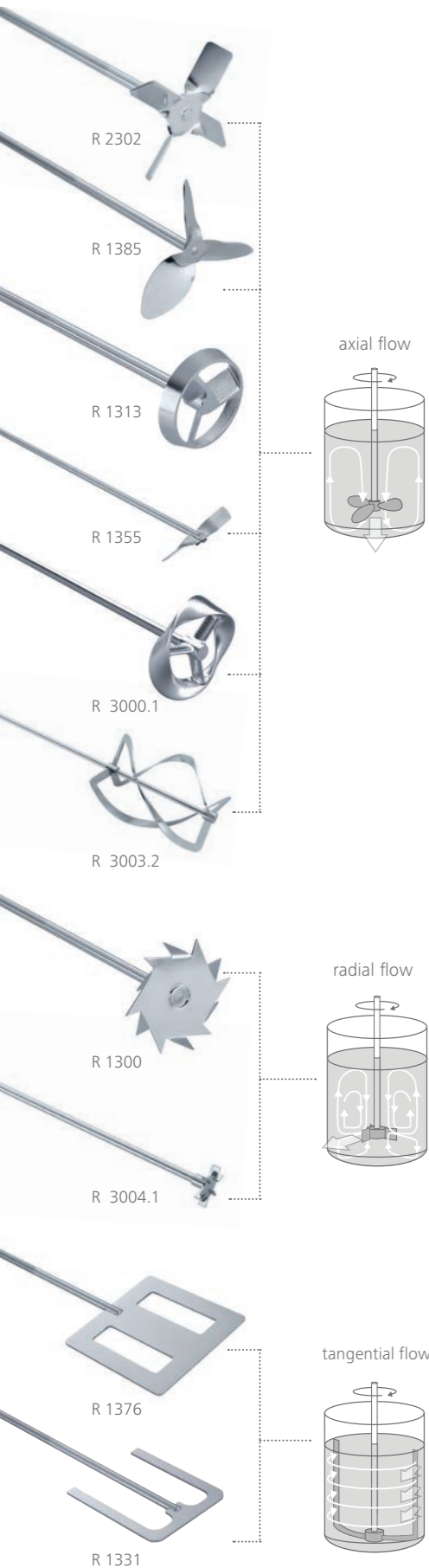
**RW 47 digital**

EUR 5.958,00  
Ident. No. 0004050000



TECHNICAL DATA	RW 20 DIGITAL	RW 28 DIGITAL	RW 47 DIGITAL
Stirring quantity max. (H <sub>2</sub> O)	20 l	80 l	200 l
Speed range	I: 60 – 500 rpm II: 240 – 2000 rpm	I: 60 – 400 rpm II: 240 – 1400 rpm	I: 57 – 275 rpm II: 275 – 1300 rpm
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
<b>PROPELLER STIRRERS, 4-BLADED</b>				
R 1342	350   8   50 mm	≤ 2000 rpm	0000741000	EUR 146,00
R 1345	550   8   100 mm	≤ 800 rpm	0000741300	EUR 180,00
R 2302	800   13   150 mm	≤ 600 rpm	0000739000	EUR 635,00
<b>PROPELLER STIRRERS, 3-BLADED</b>				
R 1381	350   8   45 mm	≤ 2000 rpm	0001296000	EUR 294,00
R 1382	350   8   55 mm	≤ 2000 rpm	0001295900	EUR 307,00
R 1385	550   10   140 mm	≤ 800 rpm	0000477700	EUR 294,00
R 1388	800   10   140 mm	≤ 400 rpm	0000477800	EUR 351,00
R 1389*	350   8   75 mm	≤ 800 rpm	0002343600	EUR 533,00
<b>TURBINE STIRRERS</b>				
R 1311	350   8   30 mm	≤ 2000 rpm	0002332900	EUR 198,00
R 1312	350   8   50 mm	≤ 2000 rpm	0002333000	EUR 253,00
R 1313	400   10   70 mm	≤ 800 rpm	0002333100	EUR 309,00
<b>CENTRIFUGAL STIRRERS</b>				
R 1352	350   8   60/15 mm	≤ 2000 rpm	0000756900	EUR 165,00
R 1355	550   8   100/24 mm	≤ 800 rpm	0001132700	EUR 220,00
<b>DISSOLVER STIRRERS</b>				
R 1300	350   8   80 mm	≤ 2000 rpm	0000513500	EUR 261,00
R 1302	350   10   100 mm	≤ 1000 rpm	0002387900	EUR 550,00
R 1303	350   8   40 mm	≤ 2000 rpm	0002746700	EUR 408,00
<b>PADDLE STIRRERS</b>				
R 1375	550   8   70 mm	≤ 800 rpm	0000757700	EUR 176,00
R 1376	550   10   150 mm	≤ 800 rpm	0000757800	EUR 351,00
R 2311	800   13   150 mm	≤ 600 rpm	0000739500	EUR 584,00
<b>ANCHOR STIRRERS</b>				
R 1330	350   8   45 mm	≤ 1000 rpm	0002022300	EUR 375,00
R 1331	350   8   90 mm	≤ 1000 rpm	0002022400	EUR 453,00
R 1333	550   10   150 mm	≤ 800 rpm	0002747400	EUR 738,00
<b>MOEBIUS STIRRERS</b>				
R 3000.1	565   10   100 mm	≤ 800 rpm	0020001192	EUR 408,00
R 3001.1	575   10   100 mm	≤ 800 rpm	0020001195	EUR 430,00
<b>SPIRAL STIRRERS</b>				
R 3003	350   8   50 mm	≤ 800 rpm	0020001203	EUR 330,00
R 3003.1	550   10   100 mm	≤ 800 rpm	0020001204	EUR 473,00
R 3003.2	800   10   150 mm	≤ 800 rpm	0020001205	EUR 606,00
<b>BLADE STIRRERS</b>				
R 3004	359   8   30 mm	≤ 1000 rpm	0020001206	EUR 286,00
R 3004.1	565   10   50 mm	≤ 1000 rpm	0020001207	EUR 396,00
R 3004.2	819   10   70 mm	≤ 1000 rpm	0020001208	EUR 507,00
<b>PADDLE STIRRERS   SCREW-TYPE STIRRERS</b>				
R 1001	160   4   34 mm	2000 rpm	0000527400	EUR 155,00
R 1002	140   4   12 mm	2000 rpm	0000527500	EUR 132,00

\* (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
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-	-	-	-	++	++	++	++	++	-	++	-
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-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	-	++	++	++
++	++	++	++	+	+	+	+	+	++	-	-
++	++	++	++	+	+	+	+	+	++	-	-

++ IKA recommended | + Installable | - Not compatible







R 1401



R 1402



R 301



R 60



## LABORATORY SOFTWARE

**labworldsoft® 6 Starter**

EUR 4.299,00

Ident. No. 0020019397

**labworldsoft® 6 Pro**

EUR 9.809,00

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.

Product	Description	Ident. No.	Price
<b>ACCESSORIES EUROSTAR 20 HIGH SPEED DIGITAL AND CONTROL</b>			
R 1401	Propeller, Ø 55 mm	0001242900	EUR 253,00
R 1405	Propeller, Ø 45 mm	0001289800	EUR 204,00
R 1402	Dissolver, Ø 42 mm	0001243300	EUR 283,00
<b>ACCESSORIES FOR PROTECTION AND SAFETY</b>			
R 301	Stirring shaft protection	0002603000	EUR 176,00
R 301.1	Support holder for R 301	0002604000	EUR 209,00
R 303	Stirring shaft protection	0030000257	EUR 419,00
SI 400	Safety switch	0003294800	EUR 926,00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	EUR 870,00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	EUR 396,00
<b>FURTHER ACCESSORIES</b>			
WH 11	Wall mount for WiCo	0025001500	EUR 28,00
FK 1	Flexible coupling	0002336000	EUR 298,00
R 60	Keyless chuck	0003889500	EUR 78,00
R 60.1	Keyless chuck	0025007821	EUR 78,00

**SAFETY FIRST**

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

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

## MATRIX ORBITAL DELTA PLUS

/// The thermoshaker with cooling feature

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



### AWARD-WINNING DESIGN

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

### SIMPLY USER-FRIENDLY

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

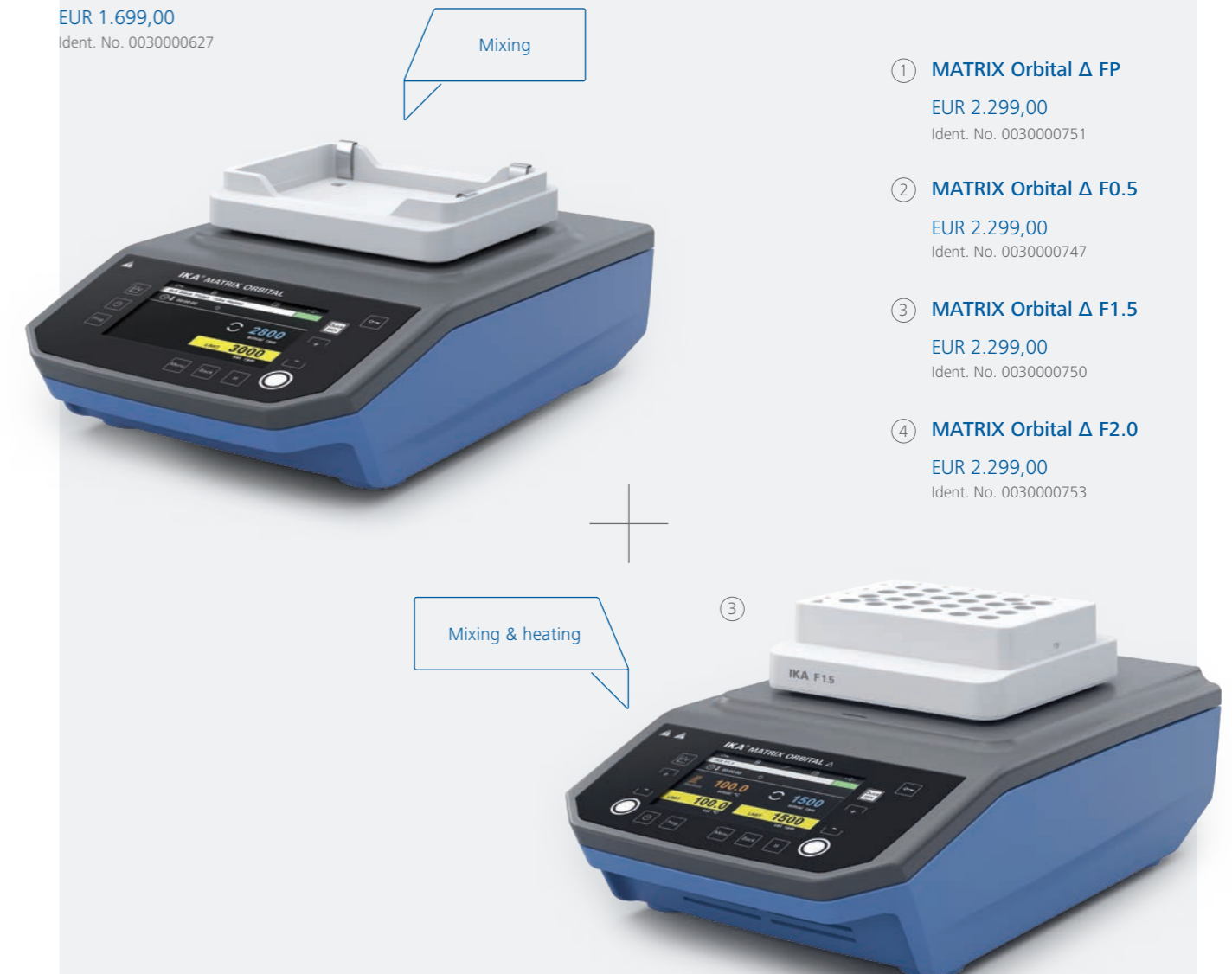
### ACCESSORIES FOR LIFE SCIENCE APPLICATIONS

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

### MATRIX Orbital

EUR 1.699,00

Ident. No. 0030000627



- ① **MATRIX Orbital Δ FP**  
EUR 2.299,00  
Ident. No. 0030000751
- ② **MATRIX Orbital Δ F0.5**  
EUR 2.299,00  
Ident. No. 0030000747
- ③ **MATRIX Orbital Δ F1.5**  
EUR 2.299,00  
Ident. No. 0030000750
- ④ **MATRIX Orbital Δ F2.0**  
EUR 2.299,00  
Ident. No. 0030000753

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 × H × D)	198 × 124 × 318 mm	FP: 216 × 147 × 351 mm F0.5: 216 × 149 × 351 mm F1.5 / 2.0: 216 × 158 × 351 mm
Protection class according to DIN EN 60529	IP 21	IP 21



**MATRIX Δ+**

EUR 1.784,00  
Ident. No. 0030000717

Heating & cooling



**MATRIX Orbital Δ+**

EUR 2.499,00  
Ident. No. 0030000731

Mixing, heating & cooling



**TECHNICAL DATA**

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



Product	Description	Ident. No.	Price	
<b>ACCESSORIES THERMOSHAKERS</b>				
(A)	MATRIX Cover	Cover	0030001253	EUR 106,00
(B)	MATRIX Thermo Cover	Cover, heatable	0030001244	EUR 499,00
(K)	MATRIX PCR 96 attachment	Attachment for 96 PCR plates	0030000853	EUR 599,00
(L)	MATRIX PCR 384 attachment	Attachment for 384 PCR plates	0030000857	EUR 641,00
(J)	MATRIX 0,5 ml attachment	Attachment for vials, 24 x 0,5 ml vials	0030000840	EUR 534,00
(G)	MATRIX 1,5 ml attachment	Attachment for vials, 24 x 1,5 ml vials	0030000829	EUR 499,00
(F)	MATRIX 2,0 ml attachment	Attachment for vials, 24 x 2,0 ml vials	0030000834	EUR 499,00
(E)	MATRIX 5 ml attachment	Attachment for vials, 8 x 5 ml vials	0030000859	EUR 534,00
(H)	MATRIX 12 mm attachment	Attachment for vials, 24 x 12 mm vials	0030000844	EUR 534,00
(D)	MATRIX 15 ml attachment	Attachment for vials, 8 x 15 ml vials	0030000821	EUR 534,00
(C)	MATRIX 50 ml attachment	Attachment for vials, 4 x 50 ml vials	0030000863	EUR 499,00
(I)	MATRIX Cryo attachment	Attachment for vials, 24 x cryo vials	0030000848	EUR 534,00
(3)	MATRIX 0,5 ml insert	Insert for 0,5 ml vials	0030001157	EUR 42,00
(2)	MATRIX 1,5 / 2,0 ml insert	Insert for 1,5 / 2,0 ml vials	0030001158	EUR 42,00
(1)	MATRIX PCR insert	Insert for 0,2 ml PCR vials	0030001159	EUR 42,00
(M)	MATRIX plate attachment	Attachment for microtiter plates	0030000849	EUR 599,00



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

## KS 3000 IC CONTROL

/// Incubation shaker

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



### VERSATILE – THANKS TO ITS MANY ACCESSORIES

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

### HEAVY SHAKING WEIGHT

With a shaking weight of 7,5 kg, which is a lot for its compact size, the KS 3000 ic control is an extremely powerful laboratory shaker.

### TEMPERATURE CONTROL WITHIN THE MEDIUM

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

### ① KS 3000 i control

EUR 5.405,00  
Ident. No. 0003940000

### ② KS 3000 ic control

EUR 6.178,00  
Ident. No. 0003940100



KS 3000 ic with built-in cooling coil

②



### ① KS 4000 i control

EUR 6.541,00  
Ident. No. 0003510000

### ② KS 4000 ic control

EUR 7.260,00  
Ident. No. 0003510100



Allows unattended operation

①

TECHNICAL DATA	KS 3000 I   IC	KS 4000 I   IC
Type of movement	Orbital	Orbital
Permissible shaking weight (incl. attachment)	7,5 kg	20 kg
Speed range	10 – 500 rpm	10 – 500 rpm
Timer display	7 segment LED	7 segment LED
Speed display	LED	LED
Operating mode	Timer and continuous operation	Timer and continuous operation
Temperature range (inlet T>3°C)	RT +5 °C – 80 °C   RT -10 °C – 80 °C	RT +5 °C – 80 °C   RT -10 °C – 80 °C
Total volume inner chamber	50 l	90 l
Dimensions (W x H x D)	465 x 430 x 695 mm	580 x 525 x 750 mm
Protection class according to DIN EN 60529	IP 30	IP 30



① **ROCKER 2D basic**

EUR 881,00  
Ident. No. 0004002000

② **ROCKER 2D digital**

EUR 937,00  
Ident. No. 0004003000



① **ROCKER 3D basic**

EUR 937,00  
Ident. No. 0004000000

② **ROCKER 3D digital**

EUR 991,00  
Ident. No. 0004001000



Adjustable shaking angle: 2,5 – 15°

① **ROLLER 6 basic**

EUR 1.488,00  
Ident. No. 0004010000

② **ROLLER 6 digital**

EUR 1.542,00  
Ident. No. 0004011000



**ROLLER 10 basic**

EUR 1.818,00  
Ident. No. 0004012000

② **ROLLER 10 digital**

EUR 1.873,00  
Ident. No. 0004013000



Removable rolls

TECHNICAL DATA	ROCKER 2D BASIC   DIGITAL	ROCKER 3D BASIC   DIGITAL	ROLLER 6 BASIC   DIGITAL	ROLLER 10 BASIC   DIGITAL
Type of movement	Rocking	Tumbling	Rocking and rolling	Rocking and rolling
Speed range	0 – 80 rpm	30 rpm   0 – 80 rpm	30 rpm   0 – 80 rpm	30 rpm   0 – 80 rpm
Timer display	–   7 segment LED	–   7 segment LED	–   7 segment LED	–   7 segment LED
Speed display	–   7 segment LED	–   7 segment LED	–   7 segment LED	–   7 segment LED
Operating mode	Continuous operation   Timer and continuous operation	Continuous operation   Timer and continuous operation	Continuous operation   Timer and continuous operation	Continuous operation   Timer and continuous operation
Dimensions (W 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

① **Loopster basic**

EUR 793,00  
Ident. No. 0004015000

② **Loopster digital**

EUR 851,00  
Ident. No. 0004016000

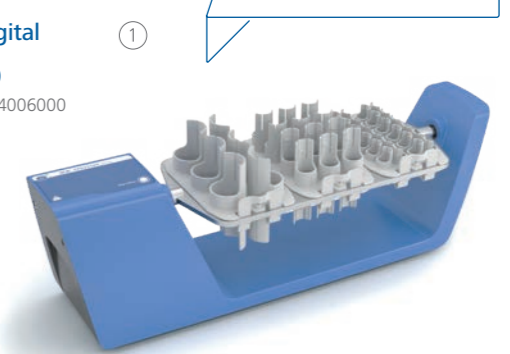


① **Trayster basic**

EUR 881,00  
Ident. No. 0004005000

② **Trayster digital**

EUR 937,00  
Ident. No. 0004006000



Different attachments allow a variety of applications

① **Hula Dancer basic**

EUR 320,00  
Ident. No. 0025004320

② **Hula Dancer digital**

EUR 374,00  
Ident. No. 0025003634



① **MS 3 basic**

EUR 606,00  
Ident. No. 0003617000

② **MS 3 digital**

EUR 827,00  
Ident. No. 0003319000

③ **MS 3 control**

EUR 881,00  
Ident. No. 0020016017



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**

EUR 261,00  
Ident. No. 0025000258

**VORTEX 3**

EUR 408,00  
Ident. No. 0003340000

**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**

EUR 330,00  
Ident. No. 0004047700

**VXR basic Vibrax®**

EUR 1.598,00  
Ident. No. 0002819000

**MTS 2/4 digital**

EUR 1.702,00  
Ident. No. 0003208000

For shaking two or four microtiter plates

**lab dancer**

EUR 220,00  
Ident. No. 0003365000



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

① **KS 130 basic**

EUR 1.653,00  
Ident. No. 0002980000

② **KS 130 control**

EUR 2.424,00  
Ident. No. 0002980100

③ **KS 130 control NOL**

EUR 2.424,00  
Ident. No. 0004278200

① **KS 260 basic**

EUR 2.644,00  
Ident. No. 0002980200

② **KS 260 control**

EUR 3.306,00  
Ident. No. 0002980300

③ **KS 260 control NOL**

EUR 3.306,00  
Ident. No. 0004278400



BESTSELLER

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**

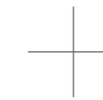
EUR 2.644,00  
Ident. No. 0003066600

② **HS 260 control**

EUR 3.306,00  
Ident. No. 0003066700

③ **HS 260 control NOL**

EUR 3.306,00  
Ident. No. 0004278600

① **HS 501 digital**

EUR 4.904,00  
Ident. No. 0025002982

② **KS 501 digital**

EUR 4.904,00  
Ident. No. 0025002985

15 kg permissible  
shaking weight

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

Product	Description	Ident. No.	Price
<b>ACCESSORIES ROCKER</b>			
A 2	Second level attachment	0004581700	EUR 69,00
RD 1	Universal mat	0004532000	EUR 22,00
RD 2	Burled mat	0004532100	EUR 24,00
TB 1	Tray, 24 x 5 ml, Ø 12 mm	0004532200	EUR 38,00
TB 2	Tray, 12 x 15 ml, Ø 16 mm	0004532300	EUR 38,00
TB 3	Tray, 10 x 30 ml, Ø 25 mm	0004532400	EUR 38,00
TB 4	Tray, 8 x 30 ml, Ø 28 mm	0004532500	EUR 38,00

**ACCESSORIES LOOPSTER**



DS 2  
Tube attachment



DS 4  
Tube attachment



DS 6.1



DS 6.2



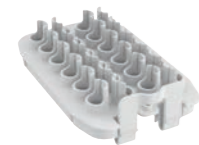
DS 6.3



DS 6.4

DS 1	Tube attachment, 48 x 1,5 ml, Ø 10 mm	0004524000	EUR 206,00
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	EUR 147,00
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	EUR 147,00
DS 4	Tube attachment, 2 x 30 ml, Ø 25 mm	0004524300	EUR 147,00
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	EUR 147,00
DS 6	Universal disc	0004524500	EUR 126,00
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	EUR 38,00
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	EUR 38,00
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	EUR 38,00
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	EUR 38,00
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	EUR 38,00

**ACCESSORIES TRAYSTER**



TR 1



TR 2



TR 3



TR 4

TR 1	Tube insert, 24 x 1,5 ml, Ø 10 mm	0004525100	EUR 45,00
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	EUR 45,00
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	EUR 45,00
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	EUR 45,00



MS 1.33

MS 1.32

MS 1.31

MS 3.5

MS 3.3

MS 3.1

Product	Description	Ident. No.	Price
<b>ACCESSORIES MS 3 BASIC   DIGITAL   CONTROL</b>			
MS 3.1	Standard attachment	0003426300	EUR 17,20
MS 3.3	Universal attachment	0003426600	EUR 17,20
MS 1.21	One-hand insert	L001540	EUR 25,00
MS 1.30	Attachment for 0,5 ml tubes	0025005776	EUR 52,00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	EUR 54,00
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	EUR 54,00
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	EUR 54,00
MS 1.34	Test tube insert	L001830	EUR 26,00
MS 3.4	Microtiter plate attachment	0003426400	EUR 54,00
MS 3.5	PCR plate attachment, 96-well	0003428000	EUR 54,00

**ACCESSORIES VORTEX 2 | VORTEX 3**



VG 3.35

VG 3.34

VG 3.32

VG 3.31

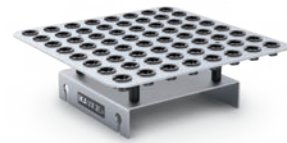
VG 3.1

VG 3.3

VG 3.1	Standard attachment	0003341200	EUR 11,80
VG 3.2	One-hand attachment	0003342300	EUR 25,00
VG 3.21	Rubber mat	0020008398	EUR 22,00
VG 3.3	Universal attachment, 150 mm	0003342400	EUR 27,00
VG 3.30	Attachment for PCR-tubes, 0,2 ml	0025005779	EUR 34,00
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	EUR 65,00
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	EUR 34,00
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	EUR 34,00
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	EUR 34,00
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	EUR 34,00
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	EUR 34,00
VG 3.37	Microtiter plate attachment	0003344400	EUR 34,00



Product	Description	Ident. No.	Price
<b>ACCESSORIES VXR</b>			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	EUR 102,00
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	EUR 420,00
VX 2E.n	Eppendorf attachment, 64 × 1,5 ml	0020018016	EUR 408,00
VX 7	Dish attachment	0000953300	EUR 297,00
VX 8	Universal attachment	0000910400	EUR 713,00
VX 11	Basic holder	0003627700	EUR 155,00
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	EUR 155,00
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	EUR 155,00
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	EUR 118,00
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	EUR 118,00
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	EUR 106,00
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	EUR 106,00
VX 8.1	Clamping roll	0003375400	EUR 40,00



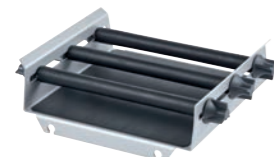
VX 2E.n



VX 2



VX 11.1



AS 130.1



AS 260.3



AS 1.10



AS 501.2



AS 501.3



AS 501.6

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS 130 BASIC   CONTROL</b>			
AS 130.1	Universal attachment	0008017300	EUR 356,00
AS 130.2	Fixing clip attachment	0003115000	EUR 107,00
AS 130.3	Dish attachment	0003120000	EUR 102,00
AS 130.4	Test tube attachment	0003120300	EUR 240,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS   HS 260 BASIC   CONTROL AND KS 3000</b>			
AS 260.1	Universal attachment	0008017400	EUR 594,00
AS 260.2	Fixing clip attachment	0003115500	EUR 154,00
AS 260.3	Dish attachment	0003120600	EUR 129,00
AS 260.5	Separating funnel attachment	0003120900	EUR 619,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS   HS 501 DIGITAL</b>			
AS 501.1	Universal attachment	0008000200	EUR 1.786,00
AS 501.2	Separating funnel attachment	0008000300	EUR 1.905,00
AS 501.3	Separating funnel attachment	0008000400	EUR 1.548,00
AS 501.4	Fixing clip attachment	0002341100	EUR 1.189,00
AS 501.5	Dish attachment	0002339600	EUR 238,00
AS 501.6	Separating funnel attachment	0008000500	EUR 2.740,00



AS 1.400



AS 4000.1



AS 1.30



AS 1.31



AS 1.7



AS 1.13



AS 2.1



AS 2.4



AS 2.6

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS 4000   IC CONTROL</b>			
AS 4000.1	Universal attachment	0008022200	EUR 949,00
AS 4000.2	Fixing clip attachment	0003710100	EUR 792,00
AS 4000.3	Dish attachment	0003710000	EUR 208,00
AS 1.400	Basic holder for AS 4000.1	0003710200	EUR 543,00
AS 1.401	Clamping roll for AS 4000.1	0003712000	EUR 53,00
AS 1.402	Fastening screw for AS 4000.1	0003712300	EUR 8,60

Product	Description	Ident. No.	Price
<b>ACCESSORIES</b>			
AS 1.30	Basic holder for AS 130.1	0003148000	EUR 301,00
AS 1.60	Basic holder for AS 260.1	0003149000	EUR 543,00
AS 1.10	Basic holder for AS 501.1	0002339700	EUR 804,00
AS 1.31	Clamping roll for AS 130.1	0003030500	EUR 33,00
AS 1.61	Clamping roll for AS 260.1	0003030501	EUR 41,00
AS 1.11	Clamping roll for AS 501.1	0002339800	EUR 75,00
AS 1.6	Clamping device for AS 501.1	0001268400	EUR 52,00
AS 1.7	Clamping device for AS 501.1	0001269200	EUR 73,00
AS 1.12	Supporting bar for AS 1.10	0002594500	EUR 149,00
AS 1.13	Ground section holder for AS 1.10	0002597000	EUR 144,00
STICKMAX	Universal adhesive mat	0003920000	EUR 55,00
AS 2.0	Fixing clips, 10 ml	0020016475	EUR 50,00
AS 2.1	Fixing clips, 25 ml	0001234300	EUR 26,00
AS 2.2	Fixing clips, 50 ml	0001234400	EUR 26,00
AS 2.3	Fixing clips, 100 ml	0001234500	EUR 26,00
AS 2.4	Fixing clips, 200   250 ml	0001234600	EUR 50,00
AS 2.5	Fixing clips, 500 ml	0001234700	EUR 50,00
AS 2.6	Fixing clips, 1000 ml	0003819300	EUR 50,00
AS 2.7	Fixing clips, 2000 ml	0020016476	EUR 70,00



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 ULTRA-TURRAX®

/// 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 digital timer setting, a working volume of 1 – 2000 ml (water), a long service life both for the drive and tools, as well as a wide range of dispersing tools to choose from. Medical samples are perfectly homogenised, cosmetics emulsified and paints suspended.



### ELECTRONICALLY COMMUTATED MOTOR

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

### EASY CLEANING

Easy clean means: The dispersing element is easily cleaned without disassembly, thanks to its manually extendable rotor. The tool is also dishwasher-compatible and completely autoclavable.

### INTEGRATED TEMPERATURE MEASUREMENT

Yet another highlight is the patented, integrated temperature measurement in the T 25 easy clean control version. The temperature sensor is integrated into the tool and thus enables the permanent monitoring of the medium temperature.

### ULTRA-TURRAX® Tube Drive

EUR 695,00  
Ident. No. 0003646000



### ULTRA-TURRAX® Tube Drive P control Workstation

EUR 1.444,00  
Ident. No. 0025005836



### ULTRA-TURRAX® Tube Drive P control

EUR 1.390,00  
Ident. No. 0025005981



### TECHNICAL DATA

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

Product	Description	Ident. No.	Price
<b>ST TUBES WITH STIRRING ELEMENT</b>			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	EUR 197,00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs., membrane lid	0003700500	EUR 220,00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	EUR 98,00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	EUR 155,00

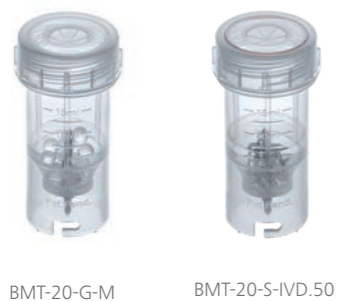
Product	Description	Ident. No.	Price
<b>DT TUBES WITH ROTOR-STATOR ELEMENT</b>			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	EUR 205,00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	EUR 242,00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	EUR 176,00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	EUR 110,00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	EUR 176,00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	EUR 99,00



DT-20

DT-50-M

Product	Description	Ident. No.	Price
<b>BMT G   S TUBES FOR GRINDING WITH GLASS (G) OR STAINLESS STEEL (S) BALLS</b>			
BMT-20-S	Tube with stirring element, stainless steel balls, 20 ml, 25 pcs.	0003703200	EUR 220,00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	EUR 220,00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	EUR 253,00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	EUR 253,00
BMT-20-S-IVD1.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs., single sterile packaging	0020103143	EUR 589,00
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs., membrane lid, double sterile packaging	0020027186	EUR 745,00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	EUR 132,00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	EUR 132,00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	EUR 188,00



BMT-20-G-M

BMT-20-S-IVD.50

New accessory



DIS-50-S-M

DIS-300-S-M

Product	Description	Ident. No.	Price
<b>TUBES WITH DISSOLVER ELEMENT AND MEMBRANE LID</b>			
DIS-50-S-M	Tube with dissolver blade, 50 ml, 10 pcs., stainless steel	0020016316	EUR 106,00
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	EUR 128,00
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	EUR 160,00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	EUR 781,00

Product	Description	Ident. No.	Price
<b>TUBES WITH DISSOLVER ELEMENT</b>			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	EUR 165,00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	EUR 804,00

Product	Description	Ident. No.	Price
<b>COVERS</b>			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	EUR 56,00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	EUR 36,00

Product	Description	Ident. No.	Price
<b>BALLS FOR BMT TUBE</b>			
Glass balls 6	Glass balls, 250 g	0003599200	EUR 55,00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	EUR 55,00

Product	Description	Ident. No.	Price
<b>FURTHER ACCESSORIES FOR UTTD</b>			
CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	EUR 64,00



TC-50-M



## 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.



**T 10 basic ULTRA-TURRAX®**

EUR 1.300,00  
Ident. No. 0003737000



**T 18 digital ULTRA-TURRAX®**

EUR 1.475,00  
Ident. No. 0003720000



**T 25 digital ULTRA-TURRAX®**

EUR 2.155,00  
Ident. No. 0003725000



**T 50 digital ULTRA-TURRAX®**

EUR 3.431,00  
Ident. No. 0003787000



TECHNICAL DATA	T 10 BASIC ULTRA-TURRAX®	T 18 DIGITAL ULTRA-TURRAX®	T 25 DIGITAL ULTRA-TURRAX®	T 50 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Batch
Speed range	8000 – 30 000 rpm	3000 – 25 000 rpm	3000 – 25 000 rpm	600 – 10 000 rpm
Volume range (H <sub>2</sub> O)	0,0005 – 0,1 l	0,001 – 1,5 l	0,001 – 2,0 l	0,25 – 30 l
Speed control	Stepless	Stepless	Stepless	Stepless
Noise without element	65 dB(A)	75 dB(A)	75 dB(A)	72 dB(A)
Extension arm length	100 mm	160 mm	160 mm	220 mm
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	5000 mPas
Dimensions (W x H x D)	56 x 178 x 66 mm	87 x 271 x 106 mm	87 x 271 x 106 mm	115 x 355 x 139 mm
Protection class according to DIN EN 60529	IP 30	IP 20	IP 20	IP 20

**T 25 easy clean digital ULTRA-TURRAX®**

EUR 2.120,00  
Ident. No. 0025002560



**T 25 easy clean control ULTRA-TURRAX®**

EUR 2.610,00  
Ident. No. 0025002500



Patented integrated temperature measurement

① **T 65 basic ULTRA-TURRAX®**

EUR 5.068,00  
Ident. No. 0004023500



② **T 65 digital ULTRA-TURRAX®**

EUR 8.070,00  
Ident. No. 0004234500

**UTL 25 digital Inline ULTRA-TURRAX®**

EUR 9.630,00  
Ident. No. 0010006856



TECHNICAL DATA	T 25 EASY CLEAN DIGITAL   CONTROL ULTRA-TURRAX®	T 65 BASIC ULTRA-TURRAX®	T 65 DIGITAL ULTRA-TURRAX®	UTL 25 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Inline
Speed range	3000 – 25 000 rpm	7200 rpm	1000 – 9500 rpm	6500 – 24000 rpm
Volume range (H <sub>2</sub> O)	0,001 – 2,0 l	2 – 50 l	2 – 50 l	–
Speed control	Stepless	–	Stepless	Stepless
Noise without element	70 dB(A)	75 dB(A)	75 dB(A)	73 dB(A)
Extension arm length	160 mm	–	–	175 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	450 x 120 x 100 mm
Protection class according to DIN EN 60529	IP 30	IP 54	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
<b>DISPERSING ELEMENTS FOR T 10 BASIC</b>			
S 10 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446500	EUR 1.338,00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	EUR 1.338,00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	EUR 1.235,00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	EUR 1.235,00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	EUR 1.235,00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	EUR 440,00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	EUR 496,00

Product	Description	Ident. No.	Price
<b>DISPERSING ELEMENTS FOR T 18 DIGITAL</b>			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	EUR 1.065,00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	EUR 1.065,00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	EUR 265,00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	EUR 265,00
S 18   25-ET50	Disposable tube	0003452500	EUR 6,50



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
<b>DISPERSING ELEMENTS FOR T 25 DIGITAL</b>			
S 25 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446900	EUR 1.488,00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	EUR 1.157,00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	EUR 1.163,00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	EUR 1.488,00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	EUR 1.469,00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	EUR 1.102,00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	EUR 1.102,00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	EUR 1.956,00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	EUR 1.409,00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	EUR 2.059,00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	EUR 1.488,00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	EUR 2.162,00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	EUR 1.994,00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	EUR 265,00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	EUR 265,00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	EUR 1.432,00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	EUR 1.631,00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	EUR 1.488,00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	EUR 1.776,00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	EUR 1.818,00
S 25 KD - LR - 25 G	Dispersing element, Ø 25 mm	0025007321	EUR 1.929,00
S 25 KD - LR - 25 F	Dispersing element, Ø 25 mm	0025007322	EUR 1.983,00
Silentstream	Flow breaker	0003754000	EUR 21,00
S 18   25-ET50	Disposable tube	0003452500	EUR 6,50
TS 25-3	Cleaning tool	0020003013	EUR 99,00
CT.15	Cleaning tube	0020006595	EUR 133,00

Prevents  
vortexing



Silentstream



TS 25-3



S 25 EC - T - C - 25 F

Product	Description	Ident. No.	Price
<b>DISPERSING ELEMENTS FOR T 25 EASY CLEAN DIGITAL AND CONTROL</b>			
S 25 EC - C - 18 G	Dispersing element, Ø 18 mm	0020108996	EUR 1.281,00
S 25 EC - C - 25 G	Dispersing element, Ø 25 mm	0020108997	EUR 1.337,00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	EUR 1.475,00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	EUR 1.362,00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	EUR 1.418,00
S 25 EC - T - C - 18 G	Dispersing element, Ø 18 mm, temperature sensor	0020108998	EUR 1.507,00
S 25 EC - T - C - 25 G	Dispersing element, Ø 25 mm, temperature sensor	0020108999	EUR 1.564,00
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature sensor	0025007398	EUR 1.588,00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	EUR 1.645,00
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	EUR 1.702,00
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	EUR 85,00
WiCo T 25 easy clean control	Wireless remote control	0025006310	EUR 829,00

**DISPERSING ELEMENTS FOR T 50 DIGITAL**

S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	EUR 2.874,00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	EUR 2.874,00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	EUR 3.161,00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	EUR 3.318,00
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	EUR 4.352,00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	EUR 4.352,00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	EUR 4.639,00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	EUR 4.796,00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	EUR 3.861,00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	EUR 3.861,00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	EUR 4.148,00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	EUR 4.305,00
R 50	Stirring shaft, high speed	0001689300	EUR 2.093,00
R 1405	Propeller, Ø 45 mm	0001289800	EUR 204,00
R 1402	Dissolver, Ø 42 mm	0001243300	EUR 283,00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	EUR 3.222,00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	EUR 3.016,00

S 50 KG - HH - G 45 G - ST

S 50 N - W 65 SK



S 65 C - G 65 G



S 65 KD - G 65 M



D 80

Product	Description	Ident. No.	Price
<b>DISPERSING ELEMENTS FOR T 65 BASIC AND DIGITAL</b>			
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	EUR 3.805,00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	EUR 4.099,00
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	EUR 4.279,00
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0008005500	EUR 4.359,00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0008005700	EUR 4.653,00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0008005900	EUR 4.833,00
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	EUR 3.916,00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	EUR 4.210,00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	EUR 4.390,00
D 60	Dissolver, Ø 60 mm	0020008388	EUR 496,00
D 80	Dissolver, Ø 80 mm	0020008389	EUR 550,00
<b>INLINE DISPERSER SYSTEM - ACCESSORIES</b>			
DK 25.11	Flow chamber	0002518000	EUR 3.723,00
AD 25	Mounting support for DK 25.11	0002562500	EUR 898,00
S 25 KV - 25 G-IL	Dispersing element	0002563000	EUR 2.854,00
S 25 KV - 25 F-IL	Dispersing element	0002830200	EUR 2.854,00

**NOMENCLATURE DISPERSING ELEMENTS**

Shaft	Outer diameter of stator	Saw-tooth
S 50	45	G - ST
KG - HH - G		
Sealing and bearing	Generator or element	Degree of fineness achieved
		<b>G</b> = Coarse
		<b>M</b> = Medium
		<b>F</b> = Fine
	<b>G</b> = Proved configuration	
	<b>W</b> = 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-coated 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.

### 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.



#### MultiDrive control\*

EUR 4.051,00

Ident. No. 0025002643

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

#### MultiDrive control MT Package

EUR 3.958,00

Ident. No. 0010007083

› MultiDrive control base unit  
+ TC 1 protective housing  
+ Autoclavable disposable  
tubes MT 150.5 (5 pcs.)

FOR DRY  
SAMPLES



#### MultiDrive control BT Package

EUR 3.958,00

Ident. No. 0010007086

› MultiDrive control base unit  
+ TC 1 protective housing  
+ Autoclavable disposable  
tubes BT 250.5 (5 pcs.)

FOR WET  
SAMPLES



#### MultiDrive basic\*

EUR 3.409,00

Ident. No. 0025002638

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



#### MultiDrive basic M 20 Successor Package

EUR 4.185,00

Ident. No. 0010005893

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



#### 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 350 x 250 mm	300 x 350 x 250 mm
Protection class according to DIN EN 60529	IP 31	IP 31

\* with MI 250.3 or MI 400.3  
beater, tungsten carbide

**A 10 basic**

EUR 1.983,00  
Ident. No. 0004020700



**A 11 basic**

EUR 2.382,00  
Ident. No. 0002900000



**MF 10 basic**

EUR 4.539,00  
Ident. No. 0002836000



Two different grinding heads can be attached to the drive, see Page 73

**M 20**

EUR 6.419,00  
Ident. No. 0001603600



For dry grinding of hard and brittle substances

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

**Tube Mill 100 control**

EUR 2.203,00  
Ident. No. 0020007144



Designed for grinding chambers with max. 100 ml



**Tube Mill control**

EUR 2.032,00  
Ident. No. 0004180000



reddot design award winner 2013

German Design Award NOMINEE 2015



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





BL 2000



MI 250



TC 1



MMT 40



MTT 40



MMT 100

Product	Description	Ident. No.	Price
<b>ACCESSORIES MULTIDRIVE</b>			
BL 2000	Blender vessel, 2000 ml	0025003961	EUR 606,00
BL 2000-T	Blender vessel, 2000 ml, Temperature measurement	0025003962	EUR 727,00
MI 250	Milling chamber, 250 ml	0025003967	EUR 776,00
MI 400	Milling chamber, 400 ml	0025003965	EUR 906,00
MI 250-T	Milling chamber, 250 ml, Temperature measurement	0025003968	EUR 906,00
MI 400-T	Milling chamber, 400 ml, Temperature measurement	0025003966	EUR 1.035,00
MI 250 - S	Milling chamber, 250 ml, sealed	0020112097	on request
MI 400 - S	Milling chamber, 400 ml, sealed	0020112099	on request
MI 250 T-S	Milling chamber, 250 ml, temp. measurement, sealed	0020112098	on request
MI 400 T-S	Milling chamber, 400 ml, temp. measurement, sealed	0020112100	on request
DI 2000-T	Dispensing vessel, 2000 ml, Temperature measurement	0025003960	EUR 1.091,00
BL 2000.1	Standard blend knife, stainless steel	0020023169	EUR 132,00
MI 250.1	Standard beater, stainless steel	0020023166	EUR 78,00
MI 250.2	Star-shaped cutter, stainless steel	0020023167	EUR 155,00
MI 250.3	Beater, tungsten carbide	0020023168	EUR 330,00
MI 400.1	Standard beater, stainless steel	0020023170	EUR 99,00
MI 400.2	Star-shaped cutter, stainless steel	0020023171	EUR 176,00
MI 400.3	Beater, tungsten carbide	0020023172	EUR 363,00
TC 1	Protective housing for MT 150 and BT 250	0020023489	EUR 149,00
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	EUR 75,00
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	EUR 80,00
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	EUR 16,10

\* TC 1 protective housing is mandatory to operate the tube

#### ACCESSORIES TUBE MILL CONTROL

MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	EUR 79,00
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	EUR 663,00
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	EUR 56,00
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	EUR 134,00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	EUR 89,00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	EUR 775,00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	EUR 89,00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	EUR 157,00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	EUR 393,00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	EUR 232,00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	EUR 253,00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	EUR 134,00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	EUR 157,00
A-MMT.100	Abrasion set for MMT 40.1   MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	EUR 157,00



A 10.1



A 10.3



A 11.1



A 11.2



A 11.3



M 23



MF 10.2

Product	Description	Ident. No.	Price
<b>ACCESSORIES A 10 BASIC</b>			
A 10.1	Stainless steel cutter	0025001680	EUR 51,00
A 10.2	Star-shaped cutter	0025001162	EUR 143,00
A 10.3	Hard metal cutter	0025001161	EUR 275,00
A 10.4	Grinding chamber reduction	0025001664	EUR 110,00
<b>ACCESSORIES A 11 BASIC</b>			
A 11.1	Spare beater, stainless steel	0002904600	EUR 105,00
A 11.2	Cutting blade, stainless steel	0002905200	EUR 176,00
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	EUR 220,00
A 11.4	Grinding chamber, polyamide, 250 ml	0002904100	EUR 595,00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	EUR 440,00
A 11.6	Double beater, titanium	0003302900	EUR 473,00
A 11.7	Funnel, PTFE	0003048700	EUR 242,00



A 11.4



A 11.5



A 11.6



A 11.7

#### ACCESSORIES M 20

M 21	Spare cutter, stainless steel	0000328200	EUR 88,00
M 22	Hard metal cutter, tungsten carbide	0000521800	EUR 363,00
M 23	Star-shaped cutter, stainless steel	0001443400	EUR 176,00
M 20.1	Grinding chamber, 250 ml	0008006200	EUR 3.890,00

#### ACCESSORIES MF 10 BASIC

MF 10.1	Cutting-grinding head	0002870900	EUR 3.578,00
MF 10.2	Impact-grinding head	0002871000	EUR 3.196,00

#### SIEVES

MF 0.25	Sieve, Ø 0,25 mm	0002938900	EUR 440,00
MF 0.5	Sieve, Ø 0,5 mm	0002939000	EUR 330,00
MF 1.0	Sieve, Ø 1 mm	0002939200	EUR 319,00
MF 2.0	Sieve, Ø 2 mm	0002939400	EUR 309,00
MF 3.0	Sieve, Ø 3 mm	0002939500	EUR 298,00
MF 4.0	Sieve, Ø 4 mm	0002939600	EUR 286,00



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 makes it possible. The device covers a broad range of applications and is particularly helpful during product development: STARVISC already clearly indicates while running research programmes as to whether the stirred substance can be used as desired.

## STARVISC 200-2.5 CONTROL

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



### HIGH-PRECISION MEASUREMENT

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

### VISCOSITY CALCULATION

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

### REMOVABLE CONTROL UNIT

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

### POWERFUL STIRRER

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

## STARVISC 200-2.5 control

EUR 6.047,00

Ident. No. 0025003604



Torque sensor

### TECHNICAL DATA

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

Name	Description	Ident. No.	Price
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### ACCESSORIES STARVISC 200-2.5 CONTROL

#### STIRRING ELEMENTS

R 1302	Dissolver stirrer, Ø 100 mm	0002387900	EUR 550,00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	EUR 375,00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	EUR 453,00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	EUR 180,00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	EUR 176,00

#### BOSS HEAD CLAMPS

R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	EUR 116,00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	EUR 187,00

#### STANDS

R 2722	H-stand, 1010 mm	0001412000	EUR 675,00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	EUR 1.251,00

#### SOFTWARE

labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	EUR 4.299,00
labworldsoft® 6 Pro	For all configurations – any number of devices can be controlled at the same time	0020017366	EUR 9.809,00



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, the perfect flow also comes to your laboratory. The IKA ROTAVISC range determines the viscosity of liquids in all applications, from the laboratory to quality control. Stepless, fast and accurate. The measuring process is intuitive and standardized, as well as working with the well-known IKA menu structure for laboratory devices. There are four instruments for different viscosity ranges, the attractive Complete and HELI packages, and brand new: an instrument variant with ball bearing technology.

## ROTAVISC SBS /// The viscometer with ball bearing

The ROTAVISC SBS viscometer complements our ROTAVISC series: In these instruments, a robust ball bearing (Steel Ball Bearing Suspending) replaces the classic jewel bearing. The operation corresponds to the well-known user-friendly principle of the entire ROTAVISC series.

NEW!



### FOR HEAVY USE

This ball bearing cannot be overused at all. When changing the spindle, you also no longer have to lift the coupling shaft. We recommend a viscometer in the SBS variant especially for:

- very high sample throughput
- rather rough environment / handling
- frequent spindle change
- frequent change of location of the device

### COMBINE AND UPGRADE

In the SBS variant, the ROTAVISC me-vi, hi-vi I and hi-vi II viscometer models are now available as Complete and HELI Packages. Do you have a viscometer with jewel bearings? Then we can upgrade it to a ball bearing model if requested. Only ROTAVISC lo-vi for the low viscosity range will continue to be manufactured only with jewel bearings.

### NEW SPINDLE HOLDER

Also new is the SP-RACK spindle holder for ROTAVISC spindles. It is made of stainless steel (AISI 304 / 1.4301) and offers space for up to twelve different spindles, depending on the spindle size. Here they can be stored near the viscometers or hung up for drying.

### ① ROTAVISC lo-vi HELI Complete

EUR 3.888,00  
Ident. No. 0025008225

### ② ROTAVISC me-vi HELI Complete

EUR 3.888,00  
Ident. No. 0025008226

### ③ ROTAVISC hi-vi I HELI Complete

EUR 3.888,00  
Ident. No. 0025008227

### ④ ROTAVISC hi-vi II HELI Complete

EUR 3.888,00  
Ident. No. 0025008228



### ① ROTAVISC SBS me-vi HELI Complete

EUR 4.338,00  
Ident. No. 0010007716

### ② ROTAVISC SBS hi-vi I HELI Complete

EUR 4.338,00  
Ident. No. 0010007688

### ③ ROTAVISC SBS hi-vi II HELI Complete

EUR 4.338,00  
Ident. No. 0010007703



#### TECHNICAL DATA

TECHNICAL DATA	ROTAVISC HELI COMPLETE
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

#### TECHNICAL DATA

TECHNICAL DATA	HELISTAND
Stroke max.	142 mm
Diameter	16 mm
Dynamic load	3,2 kg
Overload protection	yes
Height adjustable safety switch	yes
Dimensions (W x H x D)	351 x 343 x 252 mm
Weight	5,5 kg
Protection class according to DIN EN 60529	IP 40



## ① ROTAVISC lo-vi Complete

EUR 3.396,00  
Ident. No. 0025000310

## ② ROTAVISC me-vi Complete

EUR 3.396,00  
Ident. No. 0025000311

## ③ ROTAVISC hi-vi I Complete

EUR 3.396,00  
Ident. No. 0025000312

## ④ ROTAVISC hi-vi II Complete

EUR 3.396,00  
Ident. No. 0025000313



## ① ROTAVISC SBS me-vi Complete

EUR 3.846,00  
Ident. No. 0010007714

## ② ROTAVISC SBS hi-vi I Complete

EUR 3.846,00  
Ident. No. 0010007686

## ③ ROTAVISC SBS hi-vi II Complete

EUR 3.846,00  
Ident. No. 0010007701



NEW: Ball Bearing Technology

\* After device registration on [www.ika.com/register](http://www.ika.com/register)

## TECHNICAL DATA

TECHNICAL DATA	ROTAVISC HELISTAND
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



Our product portfolio is ideally oriented towards viscosity measurement in the following fields of application:

**lo-vi** // for juices, solvents, edible oils, inks, liquid soaps

**me-vi** // for paints / varnishes, mayonnaise, dairy products, ketchup

**hi-vi I & hi-vi II** // for pastes, ointments, molasses, gels

## VISCOSITY MEASUREMENT IN MOTION

The ROTAVISC HELI Complete packages include both a viscometer and stand, and are 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.

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.



ROTASTAND

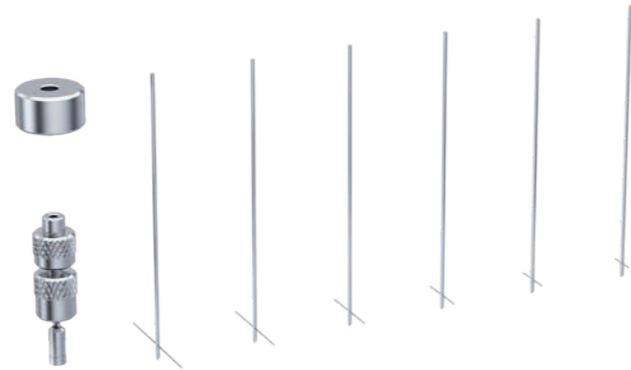


SP RACK



HELISTAND

Product	Description	Ident. No.	Price
<b>STANDS</b>			
ROTASTAND	Stand for ROTAVISC	0020006787	EUR 879,00
HELISTAND	Electrical stand for ROTAVISC	0025007567	EUR 1.209,00
HELISTAND Set	Electrical stand incl. T-spindle set	0025008233	EUR 1.429,00
SP RACK	Spindle rack	0020104809	EUR 55,00
<b>SOFTWARE</b>			
labworldsoft® 6 Visc	Laboratory software	0020101872	EUR 1.070,00



HELISTAND Set  
(HELISTAND + T-SP-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
<b>ADAPTERS</b>			
DINS-1	DIN adapter set	0025000387	EUR 2.174,00
O DIN S-1	Open DIN adapter set	0025000326	EUR 2.174,00
SAS-1	Spiral adapter set	0025000377	EUR 1.146,00
ELVAS-1	Extremely low viscosity adapter set	0025000390	EUR 1.439,00
VOLS-1	Low volume adapter set	0025000352	EUR 1.235,00
<b>ACCESSORIES VISCOMETERS</b>			
DWB 600	Double-walled beaker 600 ml	0020024575	EUR 768,00
BH 600	Clamp for 600 ml beaker	0025000400	EUR 147,00
Hook Connector	Hook connector for spindles	0025000338	EUR 153,00
Quick Connector	Quick connector for spindles	0025000339	EUR 153,00
PT 100.8	Temperature sensor, stainless steel, Ø 3 mm, 75 mm	0025000413	EUR 62,00
<b>SPINDLE SET</b>			
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	EUR 217,00
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	EUR 183,00
T-SP-Set	T-spindle set	0025007765	EUR 420,00
VAN-1	Vane spindle set	0025000407	EUR 1.062,00



SP-5

SP-6



T-SP-6 – T-SP-1



VOL-SP-7.1



VOL-SP-2.1



VOL-SP-9



VOL-SP-11

Product	Description	Ident. No.	Price
<b>SPINDLES SINGLE</b>			
SP-1	Standard spindle	0025006828	EUR 87,00
SP-2	Standard spindle	0025006829	EUR 82,00
SP-3	Standard spindle	0025006830	EUR 80,00
SP-4	Standard spindle	0025006831	EUR 75,00
SP-5	Standard spindle	0025006832	EUR 147,00
SP-6	Standard spindle	0025006833	EUR 147,00
SP-7	Standard spindle	0025006834	EUR 63,00
SP-8	Standard spindle	0025006835	EUR 61,00
SP-9	Standard spindle	0025006836	EUR 61,00
SP-10	Standard spindle	0025006837	EUR 58,00
SP-11	Standard spindle	0025006838	EUR 55,00
SP-12	Standard spindle	0025006839	EUR 44,00
T-SP-1	T-spindle	0025008238	on request
T-SP-2	T-spindle	0025008239	on request
T-SP-3	T-spindle	0025008240	on request
T-SP-4	T-spindle	0025008241	on request
T-SP-5	T-spindle	0025008242	on request
T-SP-6	T-spindle	0025008243	on request
T-SP-nut	T-spindle nut	0020108874	on request
T-SP-coupling	T-spindle coupling	0020108842	on request
VAN-SP-1	Vane spindle	0025006853	EUR 362,00
VAN-SP-2	Vane spindle	0025006854	EUR 293,00
VAN-SP-3	Vane spindle	0025006855	EUR 267,00
VAN-SP-4	Vane spindle	0025006856	EUR 251,00
VAN-SP-5	Vane spindle	0025008376	EUR 237,00
S-SP	Spiral spindle	0025006843	on request
S-C-1	Chamber for S-SP spiral spindle	0020108896	on request
SCB	Spindle brush for S-SP	0020108882	on request
VOL-SP-6.7	Spindle for VOLS-1, 6,7 ml	0025006845	EUR 334,00
VOL-SP-7.1	Spindle for VOLS-1, 7,1 ml	0025006849	EUR 334,00
VOL-SP-16.1	Spindle for VOLS-1, 16,1 ml	0025006848	EUR 344,00
VOL-SP-10.4	Spindle for VOLS-1, 10,4 ml	0025006850	EUR 344,00
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	EUR 344,00
VOL-SP-13.5	Spindle for VOLS-1, 13,5 ml	0025006852	EUR 344,00
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	EUR 344,00
VOL-SP-9.4	Spindle for VOLS-1, 9,4 ml	0025006847	EUR 344,00
VOL-SP-2.1	Spindle for 2,1 ml chamber	0025007061	EUR 344,00



VOL-C-RTD-3.8



VOL-C-RTD-4.2



CAL-O-5



CAL-O-100000

Product	Description	Ident. No.	Price
VOL-C-RTD-1	VOL-C-RTD-1 chamber	0025007603	on request
VOL-C-RTD-2.1	2,1 ml chamber for VOLS-1	0025007064	EUR 417,00
VOL-SP-3.8	Spindle for 3,8 ml chamber	0025007062	EUR 344,00
VOL-C-RTD-3.8	3,8 ml chamber for VOLS-1	0025007065	EUR 417,00
VOL-SP-4.2	Spindle for 4,2 ml chamber	0025007063	EUR 344,00
VOL-C-RTD-4.2	4,2 ml chamber for VOLS-1	0025007066	EUR 417,00
VOLS 1.11	Extension connector	0020107301	on request
VOLS 1.21	Cover for VOLS chamber	0020108881	on request
ELVAS-SP	ELVAS Spindle	0025006844	on request
ELVAS-C	ELVAS sample chamber (open)	0020107138	on request
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	EUR 203,00
DIN-SP-5	DIN spindle 5	0025006840	on request
DIN-SP-6	DIN spindle 6	0025006841	on request
DIN-SP-7	DIN spindle 7	0025006842	on request
DIN-C-1	Chamber for DIN-SP-5	0020108883	on request
DIN-C-2	Chamber for DIN-SP-6, DIN-SP-7	0020108885	on request
O-DIN-C-1	Open chamber for DIN-SP-5	0020108887	on request
O-DIN-C-2	Open chamber for DIN-SP-6	0020108888	on request
O-DIN-C-3	Open chamber for DIN-SP-7	0020108889	on request
CC-1	Chamber cap (6 pcs.) for ELVAS / DINS	0020107043	EUR 31,00

**STANDARD SILICONE OILS**

CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	EUR 141,00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	EUR 141,00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	EUR 141,00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	EUR 141,00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	EUR 141,00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	EUR 141,00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	EUR 141,00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	EUR 141,00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	EUR 141,00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	EUR 141,00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	EUR 141,00



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

## VACSTAR DIGITAL AND CONTROL

/// Fully automatic vacuum with an emission condenser

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

### HIGH-PERFORMANCE SUCTION

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

### INTEGRATED VACUUM CONTROLLER

with removable wireless controller (WiCO)

### PROTECTS USER AND ENVIRONMENT

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



### VACSTAR digital

EUR 2.300,00

Ident. No. 0020016236

### VACSTAR control

EUR 4.053,00

Ident. No. 0020109375



### TECHNICAL DATA

	VACSTAR DIGITAL   VACSTAR CONTROL
Pump rate max.	1,32 m <sup>3</sup> /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
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### ACCESSORIES VACSTAR DIGITAL AND CONTROL

VSW 1 vacuum safety woulff bottle	0020015406	EUR 439,00
VSE 1 vacuum safety emission	0035001873	EUR 487,00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	EUR 38,00



VSW 1

VSE 1

**MVP 10 basic**

EUR 1.673,00

Ident. No. 0003980000

**TECHNICAL DATA**

TECHNICAL DATA	MVP 10 BASIC
Max. pumping capacity	28,3 l / min
Max. pump rate	1,7 m <sup>3</sup> / h
Speed range	1380 – 1680 rpm
Vacuum sensor	No
Min. input pressure	7 mbar
Max. input pressure	1050 mbar
Dimensions (W x H x D)	245 x 155 x 320 mm
Protection class acc. to DIN EN 60529	IP 54
Voltage	230 / 115 / 100 V

Product	Ident. No.	Price
<b>ACCESSORIES MVP 10 BASIC</b>		
VCV 1 vacuum control valve manual	0020004850	EUR 608,00
VCV 2 vacuum control valve digital	0020004893	EUR 1.007,00
VSS 1 vacuum safety set	0020005194	EUR 851,00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	EUR 38,00



VCV 1



VSS 1

Product	Ident. No.	Price
<b>ACCESSORIES VACUUM CONTROLLER</b>		
VC 10.300 check valve	0020011105	EUR 178,00
VC 10.400 table holder	0035001735	EUR 219,00



VC 10.300



VC 10.400

**VC 10**

EUR 1.905,00

Ident. No. 0020005132

Universal vacuum controller with on/off regulation for calibration of multiple vacuum sources. In addition to the manual mode, up to ten programs can be saved, with up to ten pressure/time sequences.

Cleaning function of valves for long service life

**TECHNICAL DATA**

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 x H x D)	95 x 150 x 110 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 / USB interface	Yes
Voltage	100 – 240 V



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

## RC 2 LITE

/// Compact recirculating chiller designed for simple cooling tasks down to -10 °C

The RC 2 lite is the perfect peripheral device for the cooling of rotary evaporators, reflux condensers or as a cooling source for devices that dissipate heat with the help of a heat exchanger (e. g. double-walled grinding containers, cooled incubators, laboratory reactors, cooling coils).

NEW!



### BEST POWER DENSITY IN ITS CLASS

The easily accessible and easy-to-clean mesh filter (stainless steel) ensure a consistently high cooling capacity over years. Thanks to the low filling volume of just one liter, the RC 2 lite is able to reach low temperatures particularly fast. The large working volume of 2,5 liters enables a high number of external applications without refill of liquids. The filling level in the reservoir can be clearly observed through the large, illuminated sight glass.

### POWERFUL AND ENVIRONMENTALLY FRIENDLY

The powerful pressure and suction pump enables the simultaneous operation of several small applications as well as external applications in open bath vessels in combination with a level controller. Thanks to the natural refrigerant R 290, the RC 2 lite is remarkably environmentally friendly and well prepared for the future.

### ICC basic

EUR 985,00

Ident. No. 0004134400



### ICC control

EUR 1.853,00

Ident. No. 0004136600



### IC basic

EUR 2.534,00

Ident. No. 0003861000



### IC control

EUR 3.451,00

Ident. No. 0003863000\*\*\*



TECHNICAL DATA	ICC BASIC	ICC CONTROL	IC BASIC	IC CONTROL
Appliance type	Compact immersion circulator	Compact immersion circulator	Immersion circulator	Immersion circulator
Heat output (230 / 115 V)	2000 / 1000 W	2000 / 1000 W	2500 / 1250 W	2500 / 1250 W
Temperature range	RT +10 °C* – 150 °C	RT +10 °C* – 150 °C	RT +10 °C – 250 °C**	RT +10 °C – 250 °C**
Display	LED	TFT	LED	TFT (wireless)
Temperature stability DIN 12876	± 0,02 K	± 0,01 K	± 0,02 K	± 0,01 K
Max. flow rate	18 l/min	18 l/min	31 l/min	31 l/min
Max. pump pressure	0,3 bar	0,3 bar	0,61 bar	0,61 bar
Min. suction pressure	0,2 bar	0,2 bar	0,45 bar	0,45 bar
Dimensions (W × H × D)	145 × 340 × 200 mm	145 × 340 × 200 mm	285 × 313 × 291 mm	285 × 313 × 291 mm

\* Possible operating temperatures with cooling coil: -20 °C to 150 °C

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

\*\*\* CC 1 cooling coil included in delivery





ICC basic eco 8



ICC control pro 12

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

ICC basic eco* 8	Package ICC basic, 8 l eco bath	S	188 x 105 mm	0008034900	EUR 1.482,00
ICC basic pro** 9	Package ICC basic, 9 l pro bath	S	195 x 100 mm	0008035100	EUR 1.637,00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 x 127 mm	0010000414	EUR 1.709,00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 x 305 mm	0008035000	EUR 1.599,00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 x 309 mm	0008035200	EUR 1.749,00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 x 105 mm	0008035300	EUR 2.339,00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 x 100 mm	0008035500	EUR 2.500,00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 x 127 mm	0010000415	EUR 2.553,00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 x 305 mm	0008035400	EUR 2.489,00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 x 309 mm	0008035600	EUR 2.599,00

COMBINED HEATING BATH CIRCULATORS

ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 x 105 mm	0008035700	EUR 1.904,00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 x 100 mm	0008035900	EUR 1.999,00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 x 127 mm	0010000416	EUR 2.139,00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 x 305 mm	0008035800	EUR 2.110,00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 x 309 mm	0008036000	EUR 2.297,00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 x 105 mm	0008036100	EUR 3.067,00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 x 100 mm	0008036300	EUR 3.217,00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 x 305 mm	0008036200	EUR 3.270,00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 x 127 mm	0010000417	EUR 3.324,00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 x 309 mm	0008036400	EUR 3.463,00

PACKAGES WITH MAGNETIC STIRRER

ICC basic IB R RO 15 eco	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002471	EUR 3.851,00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002474	EUR 4.700,00
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006740	EUR 4.691,00
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006736	EUR 5.540,00

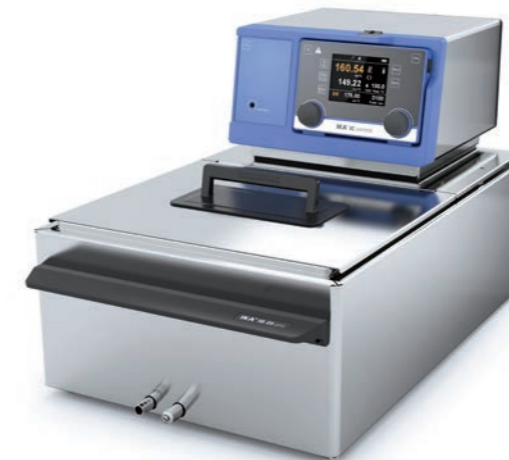
\* eco: plastic bath  
 \*\* pro: stainless steel bath  
 \*\*\* Size of plate that can be placed at the bottom of the bath



ICC control pro 20 c



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



IC control pro 20 c



ICC control IB R RO 15 pro

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

IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 x 80 mm	0008039900	EUR 3.692,00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 x 262 mm	0008036800	EUR 3.857,00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0008040000	EUR 4.553,00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0008037200	EUR 4.718,00

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

/// Heating Bath Circulators

① HBC 5 basic

EUR 3.196,00  
Ident. No. 0004125000

①



① HBC 10 basic

EUR 3.416,00  
Ident. No. 0004135000

①



② HBC 10 control

EUR 4.333,00  
Ident. No. 0004137000

②

② HBC 5 control

EUR 4.112,00  
Ident. No. 0004127000

②

/// Refrigerated and Heating Bath Circulators



① CBC 5 basic

EUR 5.070,00  
Ident. No. 0004165000

①



① HRC 2 basic

EUR 3.950,00  
Ident. No. 0025003742

①



② HRC 2 control

EUR 5.259,00  
Ident. No. 0025004524

②

② CBC 5 control

EUR 6.047,00  
Ident. No. 0004167000

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 x H x D)	275 x 406 x 500 mm	275 x 456 x 500 mm   275 x 456 x 506 mm	275 x 690 x 490 mm	220 x 475 x 525 mm

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

① RC 2 basic

EUR 3.350,00  
Ident. No. 0004171000

①



BESTSELLER

① RC 2 GREEN basic

EUR 3.799,00  
Ident. No. 0025004186

②



② RC 2 control

EUR 4.479,00  
Ident. No. 0004173000

②

② RC 2 GREEN control

EUR 5.014,00  
Ident. No. 0025006638

②

RC 2 lite

EUR 2.150,00  
Ident. No. 0025006624

NEW!



① RC 5 basic

EUR 4.964,00  
Ident. No. 0004181000

②



② RC 5 control

EUR 6.031,00  
Ident. No. 0004183000

②

TECHNICAL DATA	RC 2 LITE	RC 2 BASIC   CONTROL	RC 2 GREEN BASIC   CONTROL	RC 5 BASIC   CONTROL
Appliance type	Recirculating chiller	Recirculating chiller	Recirculating chiller	Recirculating chiller
Cooling capacity at 20 °C	400 W	400 W	800 W	1400 W
Temperature range	-10 °C – RT	-20 °C – RT   -30 °C – RT	-30 °C – RT	-30 °C – RT
Display	LED	LED   TFT (wireless)	LED   TFT (wireless)	LED   TFT (wireless)
Temperature stability DIN 12876	± 0,05 K	± 0,1 K   ± 0,05 K	± 0,15 K	± 0,2 K   ± 0,1 K
Max. flow rate	18 l/min	18 l/min	21 l/min	31 l/min
Max. pump pressure	0,3 bar	0,3 bar	0,5 bar	0,61 bar
Min. suction pressure	0,15 bar	0,2 bar	0,25 bar	0,45 bar
Dimensions (W x H x D)	225 x 385 x 430 mm	220 x 475 x 525 mm	220 x 475 x 525 mm	310 x 546 x 490 mm



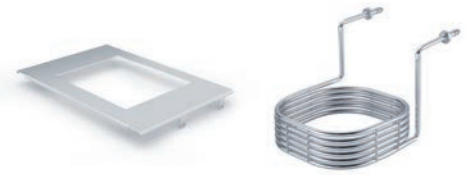
CS.ICC

CL.ICC



BS.ICC

PCS.ICC

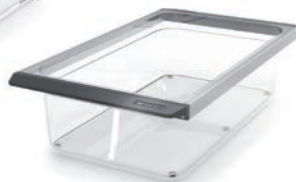


BS.IC

CC1



IB R 9 eco



IB 18 eco



IB 9 pro



IB 20 pro

Product	Description	Ident. No.	Price
<b>ACCESSORIES FOR ICC</b>			
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	EUR 133,00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	EUR 166,00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	EUR 189,00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	EUR 541,00
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	EUR 277,00
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	EUR 133,00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	EUR 139,00
CC2	Cooling coil for ICC	0025001061	EUR 133,00
PCS.ICC	Pump connection set for ICC	0004471900	EUR 156,00

**ACCESSORIES FOR IC**

CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	EUR 136,00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	EUR 181,00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	EUR 136,00
CC1	Cooling coil for IC basic / control	0020005116	EUR 142,00

**BATH VESSELS****Bath size S**

IB 8 eco	Bath vessel, plastic, 8 l	0004248100	EUR 364,00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	EUR 387,00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	EUR 519,00

**Bath size M**

IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	EUR 585,00
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**Bath size L**

IB 18 eco	Bath vessel, plastic, 18 l	0004248200	EUR 508,00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	EUR 574,00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	EUR 508,00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	EUR 717,00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	EUR 871,00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	EUR 1.711,00
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	EUR 695,00



HF.Si.20.200.50



LT 5.20



H.SI.8



ISO.8



ISO.12

Product	Description	Ident. No.	Price
<b>THERMOFLUIDS</b>			
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	EUR 530,00
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	EUR 475,00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	EUR 497,00

**HOSES**

LT 5.20	High temperature hose kit insulated, 2 x 1,5 m, stainless steel	0002606700	EUR 1.102,00
LT 5.21	High temperature hose kit insulated, 2 x 1,5 m, PTFE	0020000988	EUR 937,00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1,5 m	0004568800	EUR 14,00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1,5 m	0004568900	EUR 17,20
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	EUR 27,00
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1,5 m	0004569000	EUR 34,00
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1,5 m	0004569100	EUR 41,00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 x 1,5 m, reinforced	0020004612	EUR 61,00
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 x 1,5 m	0020004613	EUR 76,00
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 x 1,5 m	0004569200	EUR 310,00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 x 1,5 m, M 16 x 1	0004569300	EUR 409,00

**INSULATION FOR HOSES**

ISO.8	Insulation, Ø 8 mm, 2 x 1,5 m	0004569400	EUR 28,00
ISO.12	Insulation, Ø 12 mm, 2 x 1,5 m	0004569500	EUR 36,00

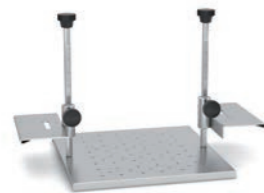




Tube rack, 13 mm, S, stainless



Variable rack, ICC, ML, stainless



Variable bottom, ICC, L, stainless



Bottom plate L



Floating tube rack 1



Floating globes, PP



WH10

Product	Description	Ident. No.	Price
<b>TUBE RACKS</b>			
Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, Ø 13 mm	0020004026	EUR 89,00
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	EUR 89,00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	EUR 89,00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	EUR 150,00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø17 mm	0020004030	EUR 150,00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	EUR 150,00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	EUR 194,00
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	EUR 61,00
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	EUR 61,00
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	EUR 61,00
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	EUR 425,00
Bottom plate L	Bottom plate for bath size L	0020006212	EUR 464,00
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	EUR 387,00
<b>FLOATING RACKS</b>			
Floating tube rack 1	Floating tube rack for 24 x 1,5 / 2,0 ml tubes, 5 pcs.	0020003667	EUR 35,00
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	EUR 35,00
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	EUR 35,00
<b>ADDITIONAL ACCESSORIES</b>			
WH10	WiCo Holder	0020000984	EUR 23,00
PT 100.30	Temp. sensor, stn. steel	0004284700	EUR 315,00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	EUR 194,00
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	EUR 117,00
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	EUR 149,00
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	EUR 214,00



CO V 1



Ball valve M16x1



Mechanic fluid level controller



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4

Product	Description	Ident. No.	Price
<b>VALVES AND LEVEL CONTROLLERS</b>			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	EUR 420,00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	EUR 618,00
Ball valve M16 x 1	Ball valve, completely opening (M 16 x 1)	0020004620	EUR 89,00
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	EUR 343,00
<b>ADAPTERS</b>			
Elbow tube 90°	Elbow tube 90°	0025001212	EUR 83,00
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	EUR 56,00
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	EUR 5,40
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	EUR 29,00
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	EUR 29,00
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	EUR 29,00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	EUR 29,00
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	EUR 45,00
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	EUR 139,00
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	EUR 166,00
Adapter M16 x 1 f - G1/4 m	Adapter M 16 x 1 female to G 1/4 male	0020008807	EUR 100,00
Adapter M16 x 1 m - G1/4 m	Adapter M 16 x 1 male to G 1/4 male	0020008734	EUR 51,00
Adapter M16 x 1 m - G1/2 m	Adapter M 16 x 1 male to G 1/2 male	0020008796	EUR 51,00
Adapter M16 x 1 f - G1/2 m	Adapter M 16 x 1 female to G 1/2 male	0020008800	EUR 100,00
Adapter M16 x 1 f - G3/8 m	Adapter M 16 x 1 female to G 3/8 male	0020008730	EUR 100,00
Adapter M16 x 1 m - G3/8 m	Adapter M 16 x 1 male to G 3/8 male	0020008754	EUR 51,00
Adapter M16 x 1 m - M 16 x 1 m	Adapter M 16 x 1 male to M 16 x 1 male, for hose extension	0025007118	EUR 51,00
Lock nut	Lock nut, 2 pcs.	0020004583	EUR 34,00
Stopper	Stopper, 2 pcs.	0020004584	EUR 34,00

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

## DRY BLOCK HEATERS

/// Provide precise temperature control in small vessels



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

### TIMER

Countdown, adjustable from 1 min to 99 h 59 min.

### FIXED SAFETY CIRCUIT

### ACCESSORIES

Highly versatile with a large number of blocks.

### Dry Block Heater 1

EUR 999,00

Ident. No. 0004025100



### Dry Block Heater 2

EUR 1.219,00

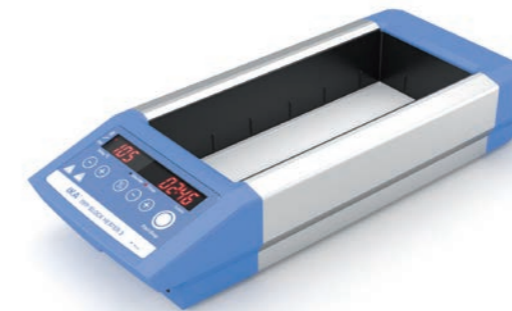
Ident. No. 0004025200



### Dry Block Heater 3

EUR 1.429,00

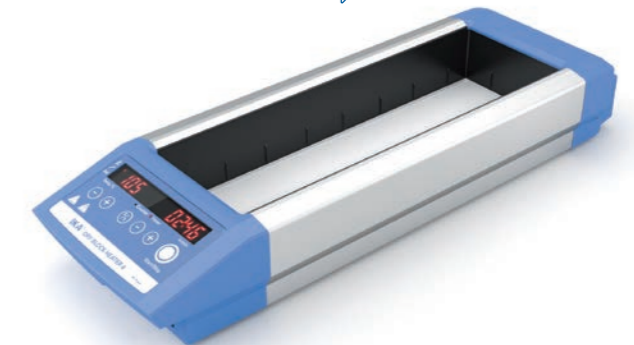
Ident. No. 0004025300



### Dry Block Heater 4

EUR 1.649,00

Ident. No. 0004025400



### TECHNICAL DATA

	DRY BLOCK HEATER 1	DRY BLOCK HEATER 2	DRY BLOCK HEATER 3	DRY BLOCK HEATER 4
Number of blocks	1	2	3	4
Heat output	165 W	250 W	330 W	412 W
Heating temperature range	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C
Connection for ext. temperature sensor	CT (DIN 12878)	CT (DIN 12878)	CT (DIN 12878)	CT (DIN 12878)
Temperature homogeneity at 37 / 60 °C	0,2 K / 0,4 K	0,2 K / 0,4 K	0,3 K / 0,6 K	0,3 K / 0,6 K
Set-up plate dimensions	96 × 76 mm	96 × 152 mm	96 × 228 mm	96 × 304 mm
Dimensions (W × H × D)	151 × 73 × 228 mm	151 × 73 × 304 mm	151 × 73 × 380 mm	151 × 73 × 456 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21





DB 1.1



DB 3.2



DB 4.6



DB 4.6



DB 5.2



DB 5.8



DB 8.1

Product	Description	Ident. No.	Price
<b>U MICRO CENTRIFUGE TUBES</b>			
DB 1.1	Single block, PCR tubes, Ø 7,9 mm	0004467600	EUR 109,00
DB 1.2	Single block, Eppendorf tubes, Ø 11,5 mm	0004467700	EUR 109,00
DB 1.3	Single block, microtubes, Ø 11,1 mm	0004467800	EUR 109,00
DB 1.4	Single block, VWR   Eppendorf tubes, Ø 10,9 mm	0004467900	EUR 109,00
DB 1.5	Single block, corning tubes, Ø 10,9 mm	0004468000	EUR 109,00
<b>U CONICAL BOTTOM CENTRIFUGE TUBES</b>			
DB 2.1	Single block, conical tubes, Ø 17,1 mm	0004468100	EUR 109,00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	EUR 109,00
<b>U COMBINATION BLOCKS</b>			
DB 3.1	Single block, test tube comb., 6   12   13   25 mm	0004468300	EUR 109,00
DB 3.2	Single block, centrifuge comb., 1,5   15   50 ml	0004468400	EUR 109,00
DB 3.3	Single block, microtube comb., 0,5   1,5   2 ml	0004468500	EUR 109,00
<b>U STANDARD TEST TUBES</b>			
DB 4.1	Single block, 30 round tubes, Ø 8,3 mm	0004468600	EUR 116,00
DB 4.2	Single block, 24 round tubes, Ø 10,7 mm	0004468700	EUR 116,00
DB 4.3	Single block, 16 round tubes, Ø 13,9 mm	0004468800	EUR 116,00
DB 4.4	Single block, 20 round tubes, Ø 13,9 mm	0004468900	EUR 116,00
DB 4.5	Single block, 12 round tubes, Ø 17,5 mm	0004469000	EUR 116,00
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	EUR 116,00
DB 4.7	Single block, 6 round tubes, Ø 26,2 mm	0004469200	EUR 116,00
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	EUR 116,00
DB 4.9	Single block, 12 round tubes, Ø 19,1 mm	0004469400	EUR 116,00
<b>U VIALS</b>			
DB 5.1	Single block, 12 mm vials, Ø 12,7 mm	0004469500	EUR 116,00
DB 5.2	Single block, 15 mm vials, Ø 15,8 mm	0004469600	EUR 116,00
DB 5.3	Single block, 17 mm vials, Ø 17,8 mm	0004469700	EUR 116,00
DB 5.4	Single block, 19 mm vials, Ø 19,7 mm	0004469800	EUR 116,00
DB 5.5	Single block, 21 mm vials, Ø 21,7 mm	0004469900	EUR 116,00
DB 5.6	Single block, 23 mm vials, Ø 23,8 mm	0004470000	EUR 116,00
DB 5.7	Single block, 25 mm vials, Ø 25,8 mm	0004470100	EUR 116,00
DB 5.8	Single block, 28 mm vials, Ø 28,8 mm	0004470200	EUR 116,00
DB 5.9	Single block, 16 mm vials, Ø 16,4 mm	0004470300	EUR 116,00
<b>U STANDARD TEST TUBES</b>			
DB 6.1	Single block, 10 × 8 PCR tube strips, Ø 6,4 mm	0004470400	EUR 109,00
DB 6.2	Single block, 64 PCR tubes, Ø 6,4 mm	0004470500	EUR 109,00
DB 6.3	Double block, 1 × 96-Well PCR plate, Ø 6,4 mm	0004470600	EUR 267,00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	EUR 160,00
DB 8.1	Single block, 2 × 6 cuvettes, Ø 12,5 mm	0004470700	EUR 109,00
<b>TEMPERATURE SENSORS</b>			
PT 1000.60	Temp. sensor, stn. steel, Ø 3 mm, depth: 230 mm	0003516800	EUR 133,00
PT 1000.90	Temp. sensor, coated, Ø 3 mm, depth: 230 mm	0004480600	EUR 188,00

**C-MAG HP 4**

EUR 529,00

Ident. No. 0003581600

**C-MAG HP 7**

EUR 582,00

Ident. No. 0003581800

**C-MAG HP 10**

EUR 795,00

Ident. No. 0003582000



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

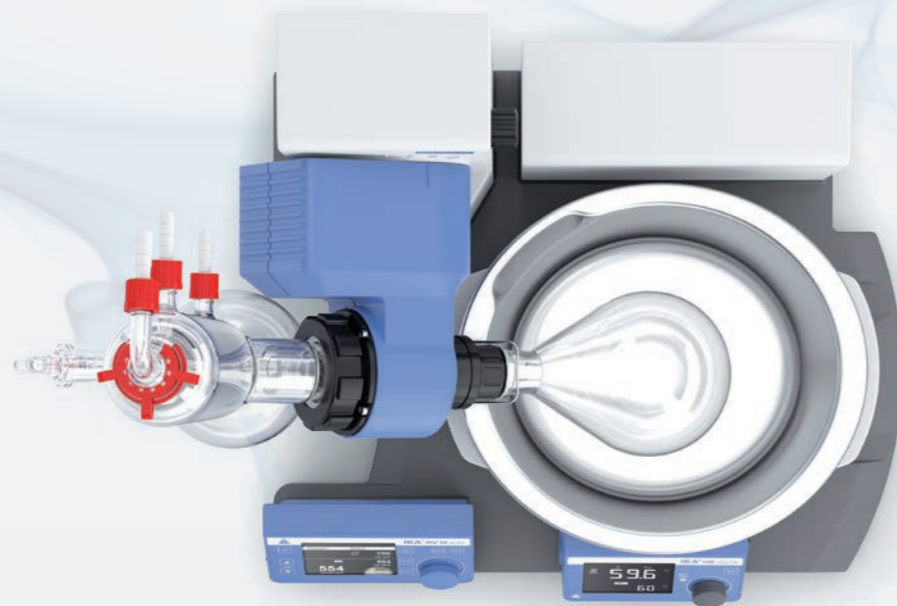


IKA heating baths are developed with a strong focus on safety. All baths are equipped with a double jacket to protect against burns and a safety temperature monitor prevents overheating of the bath. After turning on the unit, the safety functions are automatically checked.

### HB DIGITAL

/// Enlarged volume

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



#### HB eco

EUR 1.158,00  
Ident. No. 0020016337



#### HB digital

EUR 1.444,00  
Ident. No. 0020016334



Heating temperature up to 180 °C

#### HBR 4 control

EUR 3.888,00  
Ident. No. 0020003549



Integrated magnetic stirrer drive

Product	Ident. No.	Price
<b>ACCESSORIES HB ECO   DIGITAL</b>		
HB 10.3 Protection cover HB eco and digital	0020024125	EUR 833,00
<b>ACCESSORIES HBR 4 CONTROL</b>		
H 240 Ring set	0002858700	EUR 545,00
H 159 Intermediate bottom	0001809700	EUR 250,00

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. Programmings and individual user profiles can be entered via the intuitive user interface. The real-time clock enables convenient digital documentation and a time-delayed start.

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

### Oven 125 basic - dry

EUR 1.999,00

Ident. No. 0020003215

### Oven 125 basic - dry glass

EUR 2.400,00

Ident. No. 0020003956

Temperature / time dependent timer function



### Oven 125 control - dry

EUR 3.289,00

Ident. No. 0020003990

### Oven 125 control - dry glass

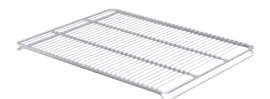
EUR 3.701,00

Ident. No. 0020003996

Real time data logging function



Product	Ident. No.	Price
<b>ACCESSORIES</b>		
IO T 1.00 wire grid tray, chrome plated	0020024935	EUR 133,00
IO T 1.10 enhanced wire grid tray	0020007600	EUR 233,00
IO F 1.10 roller frame	0020007601	EUR 828,00
IO B 1.10 roller box	0020007602	EUR 949,00
IO P 1.10 table top work plate	0020007603	EUR 882,00
IO F 1.20 spacer frame	0035001326	EUR 475,00
PT 100.31 temp. sensor	0020009564	EUR 305,00



IO T 1.10



IO B 1.10



IO F 1.20

### TECHNICAL DATA

	OVEN 125 BASIC (DRY   DRY GLASS)	OVEN 125 CONTROL (DRY   DRY GLASS)
Principle of heat transfer	Natural convection	Forced convection (fan adjustable in 10 steps)
Total volume inner chamber	125 l	125 l
Working temperature	RT +5 °C – 250 °C	RT +5 °C – 300 °C
Heat output	2400 W	2400 W
Temperature constancy in medium	± 0,3 K	± 0,3 K
Temperature Safety Class (DIN 12880)	TB (Class 1)	TB (Class 1); TWB (Class 2)
Cable access port	No	Yes
Interior lighting	No	Yes
PT 100 interface	No	Yes
Protection class according to DIN EN 60529	IP 20	IP 20
Dimensions (W × H × D)	700 × 825 × 650 mm	700 × 825 × 650 mm



This separation will be easy for you. Because the IKA RV 3, RV 8, RV 10 digital, RV 10 auto and RV 10 auto pro rotary evaporators set new standards in distillation. They are particularly safe, economical and user-friendly. They owe this to state-of-the-art technology and innovative design. And now there is also a complete solution for your rotary evaporator setup: RV 10 auto pro V-C Complete.



## RV 10 AUTO PRO V-C COMPLETE

/// Complete solution for your setup

In addition to the RV 10 auto pro rotary evaporator, this package includes the HB digital heating bath with a capacity of 4 liters, the VACSTAR digital vacuum pump and the RC 2 lite recirculating chiller. So everything you need for operation is already included.

### THE FLAGSHIP FOR DISTILLING

The RV 10 auto pro rotary evaporator impresses with intuitive operation, an integrated vacuum controller, automatic vacuum control, cooling water monitoring and sophisticated safety standards. It is efficient, economical and safe in operation. Its innovative features include the patented volume-controlled distillation, soft start, interval operation and the timer function.

### THE MOST COMPACT COOLER

400 watts cooling capacity and a pump pressure of 0,35 bar. The package includes the new compact RC 2 lite recirculating chiller. It focuses on the essentials in every respect. This makes it space-saving, powerful, economical and the perfect complement to the rotary evaporator.

### THE SPACE SAVING VACUUM PUMP

The VACSTAR digital vacuum pump included in the package is extremely space-saving and achieves a minimum vacuum of 2 mbar. It is controlled directly from the RV 10 auto drive unit via the supplied data cable and automatically detects the boiling points. The vacuum safety emission condenser VSE 1 ensures special safety.

### ① RV 3 V

EUR 2.405,00  
Ident. No. 0010003324

### ② RV 3 V-C

EUR 2.564,00  
Ident. No. 0010003328

### ③ RV 3 FLEX

EUR 2.255,00  
Ident. No. 0010003331

### ④ RV 3 dry ice condenser

EUR 2.899,00  
Ident. No. 0010006363

### ⑤ RV 3 dry ice condenser C

EUR 3.060,00  
Ident. No. 0010006362



### ① RV 8 V

EUR 2.995,00  
Ident. No. 0010003482

### ② RV 8 V-C

EUR 3.163,00  
Ident. No. 0010003485

### ③ RV 8 FLEX

EUR 2.835,00  
Ident. No. 0010003488

### ④ RV 8 dry ice condenser

EUR 3.490,00  
Ident. No. 0010006361

### ⑤ RV 8 dry ice condenser C

EUR 3.658,00  
Ident. No. 0010006360



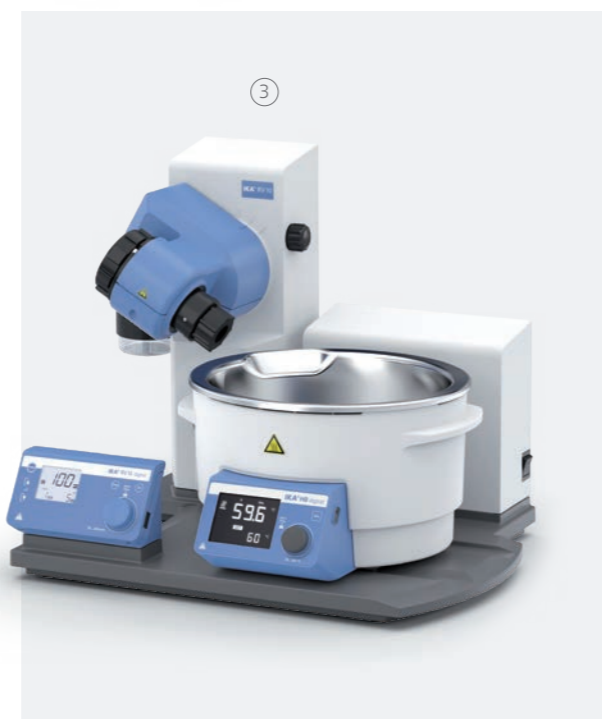
TECHNICAL DATA	RV 3	RV 8
Motor type	Brushless DC drive motor	Brushless DC drive motor
Speed range	20 – 300 rpm	5 – 300 rpm
Speed display	Scale	Digital
Heating temperature range	RT – 99 °C	RT – 180 °C
Type of cooling	Vertical	Vertical
Cooling surface	1500 cm <sup>2</sup>	1500 cm <sup>2</sup>
Soft start	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**  
EUR 4.517,00  
Ident. No. 0010004799
- ② **RV 10 digital V-C**  
EUR 4.896,00  
Ident. No. 0010004802
- ③ **RV 10 digital FLEX**  
EUR 4.336,00  
Ident. No. 0010004805
- ④ **RV 10 digital dry ice condensor**  
EUR 5.012,00  
Ident. No. 0010006365
- ⑤ **RV 10 digital dry ice condensor C**  
EUR 5.390,00  
Ident. No. 0010006364



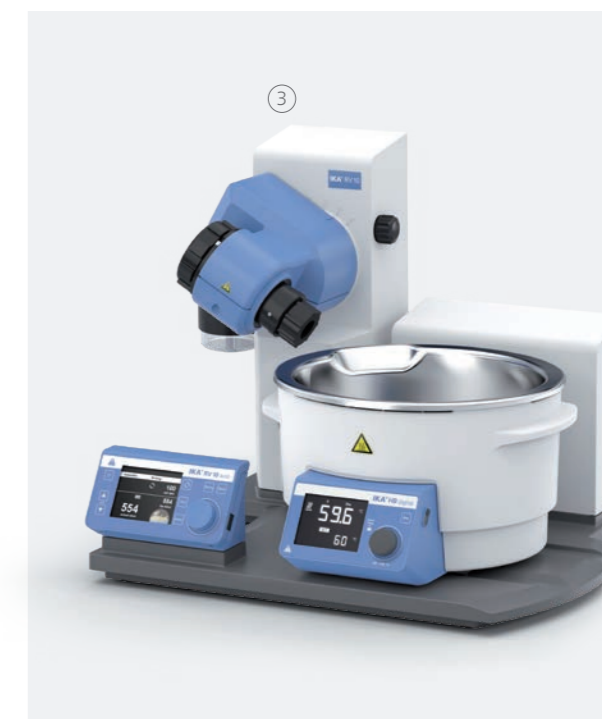
TECHNICAL DATA	RV 10 DIGITAL
Motor type	Brushless DC drive motor
Speed range	5 – 280 rpm
Speed display	Digital
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Type of cooling	Vertical
Cooling surface	1500 cm <sup>2</sup>
Filling volume max.	4 l
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Optional
Dimensions (W × H × D) without glass parts	500 × 430 × 440 mm
Protection class acc. to DIN EN 60529	IP 20



- ① **RV 10 auto V**  
EUR 7.693,00  
Ident. No. 0010004835
- ② **RV 10 auto V-C**  
EUR 8.150,00  
Ident. No. 0010004838
- ③ **RV 10 auto FLEX**  
EUR 7.516,00  
Ident. No. 0010004841
- ④ **RV 10 auto pro V**  
EUR 9.476,00  
Ident. No. 0010004815\*
- ⑤ **RV 10 auto pro V-C**  
EUR 9.834,00  
Ident. No. 0010004812\*
- ⑥ **RV 10 auto pro FLEX**  
EUR 9.536,00  
Ident. No. 0010004818\*
- ⑦ **RV 10 auto pro V-C Complete**  
EUR 10.889,00  
Ident. No. 0010007353



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 cm <sup>2</sup>
Filling volume max.	4 l
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Integrated
Dimensions (W × H × D) without glass parts	500 × 430 × 440 mm
Protection class acc. to DIN EN 60529	IP 20



\*Pro packages include VACSTAR digital





RV 10.1  
RV 10.1 enlarged surface



RV 10.3  
RV 10.4



RV 10.400  
RV 10.500



RV 10.600  
RV 10.606



RV 10.84  
RV 10.301

Product	Description	Ident. No.	Price
<b>ACCESSORIES RV 10, RV 8, RV 3</b>			
RV 10.1	Set of glassware, vertical	0003655300	EUR 882,00
RV 10.10	Set of glassware, vertical, coated	0003755400	EUR 1.240,00
RV 10.1 enlarged surface	Vertical-condenser, enlarged surface	0020019652	EUR 1.088,00
RV 10.10 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	EUR 1.314,00
RV 10.2	Set of glassware, diagonal	0003755300	EUR 911,00
RV 10.20	Set of glassware, diagonal, coated	0003755500	EUR 1.262,00
RV 10.3	Vertical-intensive condenser, manifold	0003741000	EUR 1.061,00
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	EUR 1.452,00
RV 10.4	Dry ice condensor	0003742000	EUR 1.069,00
RV 10.40	Dry ice condensor, coated	0003742100	EUR 1.707,00
RV 10.5	Vertical-condenser, reflux	0003743000	EUR 1.706,00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	EUR 1.870,00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	EUR 1.873,00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	EUR 2.041,00
RV 05.10	Balljoint clamp	0000736600	EUR 21,00
RV 10.88	Clamp, NS 29	0003683300	EUR 21,00
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	EUR 696,00
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	EUR 796,00
RV 10.500	Foam brake, NS 29/32	0003739200	EUR 147,00
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	EUR 596,00
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	EUR 998,00
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	EUR 1.398,00
RV 10.610	Distilling sleeve, 20 ml	0003919400	EUR 17,20
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	EUR 727,00
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	EUR 797,00
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	EUR 35,00
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	EUR 35,00
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	EUR 35,00
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	EUR 70,00
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	EUR 35,00
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	EUR 70,00
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	EUR 66,00
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	EUR 131,00
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	EUR 69,00
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	EUR 136,00
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	EUR 70,00
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	EUR 141,00
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	EUR 111,00
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	EUR 220,00
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	EUR 170,00
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	EUR 339,00

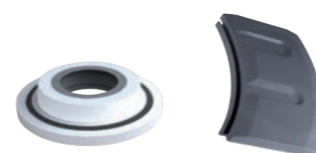
Product	Description	Ident. No.	Price
<b>ACCESSORIES RV 3, RV 8, RV 10</b>			
RV 10.100	Receiving flask, KS 35/20, 100 ml	0003742200	EUR 61,00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	EUR 63,00
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	EUR 67,00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	EUR 70,00
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	EUR 115,00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	EUR 213,00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	EUR 120,00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	EUR 125,00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	EUR 154,00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	EUR 181,00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	EUR 204,00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	EUR 271,00
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	EUR 161,00
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	EUR 172,00
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	EUR 212,00
RV 10.70	Vapor tube, NS 29/32	0003812200	EUR 109,00
RV 10.74	Vapor tube, short, NS 29/32	0003971700	EUR 94,00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	EUR 117,00
RV 10.3000	Extension plate	0003859000	EUR 147,00



RV 10.103



RV 10.74



RV 10.8001

RV 10.3000

**ACCESSORIES RV 3**

RV 3.1	Support pole	0025004587	EUR 109,00
RV 3.4	Woulff bottle	0025004588	EUR 150,00
RV 10.5005	Hose kit	0020000552	EUR 109,00

**ACCESSORIES RV 8**

RV 8.1	Support pole	0004438500	EUR 109,00
RV 8.2	Mechanical end stop for RV 8	0025001342	EUR 56,00
RV 8.3	Stand pole	0025004707	EUR 121,00
RV 10.5005	Hose kit	0020000552	EUR 109,00

**ACCESSORIES VALVE RV 10 AUTO**

RV 10.4002	Magnetic valve laboratory vacuum	0003880300	EUR 702,00
RV 10.5001	Choke water valve	0003902700	EUR 559,00
RV 10.5002	Filter	0003903800	EUR 70,00
RV 10.5003	Pressure regulating valve	0003907100	EUR 221,00



RV 3.1

RV 3.4



RV 10.4002



RV 10.5003

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

The clearest display in its class



## IKA G-L

### /// The universal midi centrifuge

Separating substances at medium rotational speeds: IKA G-L is the ideal midi centrifuge for all types of separation processes such as those found in molecular biology. It can be used with standard 1,5 / 2 ml vessels, as well as with PCR strips. The cover opens automatically at the press of a button.

#### SAFE USE

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

#### STATE-OF-THE-ART DISPLAY

The completely intuitive navigation is carried out through a membrane keypad. This allows an easy setting of speed, rotational speed or programmes.

#### POWERFUL MOTOR

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

### mini G

EUR 335,00

Ident. No. 0003958000\*



\*Adapters included in delivery

### IKA G-L\*

EUR 999,00

Ident. No. 0030000774



\*2 ml rotor set included in delivery

Product	Ident. No.	Price
<b>ACCESSORIES IKA MINI G</b>		
Rotor 4 x HPLC	0020022341	EUR 43,00
<b>ACCESSORIES IKA G-L</b>		
PCR Set	0030001345	EUR 213,00
Adapter PCR tube	0030001346	EUR 9,70
Adapter 0,5 ml tube	0030001347	EUR 9,70
Adapter 0,4 ml tube	0030001334	EUR 9,70
2 ml rotor set	0030001333	EUR 268,00



IKA G-L, PCR Set

TECHNICAL DATA	IKA MINI G	IKA G-L
Capacity	8 x 1,5 / 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
Unbalance sensor	No	Yes
Timer	Yes	Yes
Quick stop	Yes	Yes
Cover opening	Automatic	Automatic
Program	No	Yes
RPM/RCF conversion	Manually	Automatically
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 and can be disassembled without tools, therefore ensuring easy sterilization. This guarantees fault-free, precise and safe operation.

## IKA PETTE

/// Simple liquid handling

### ERGONOMIC DESIGN

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

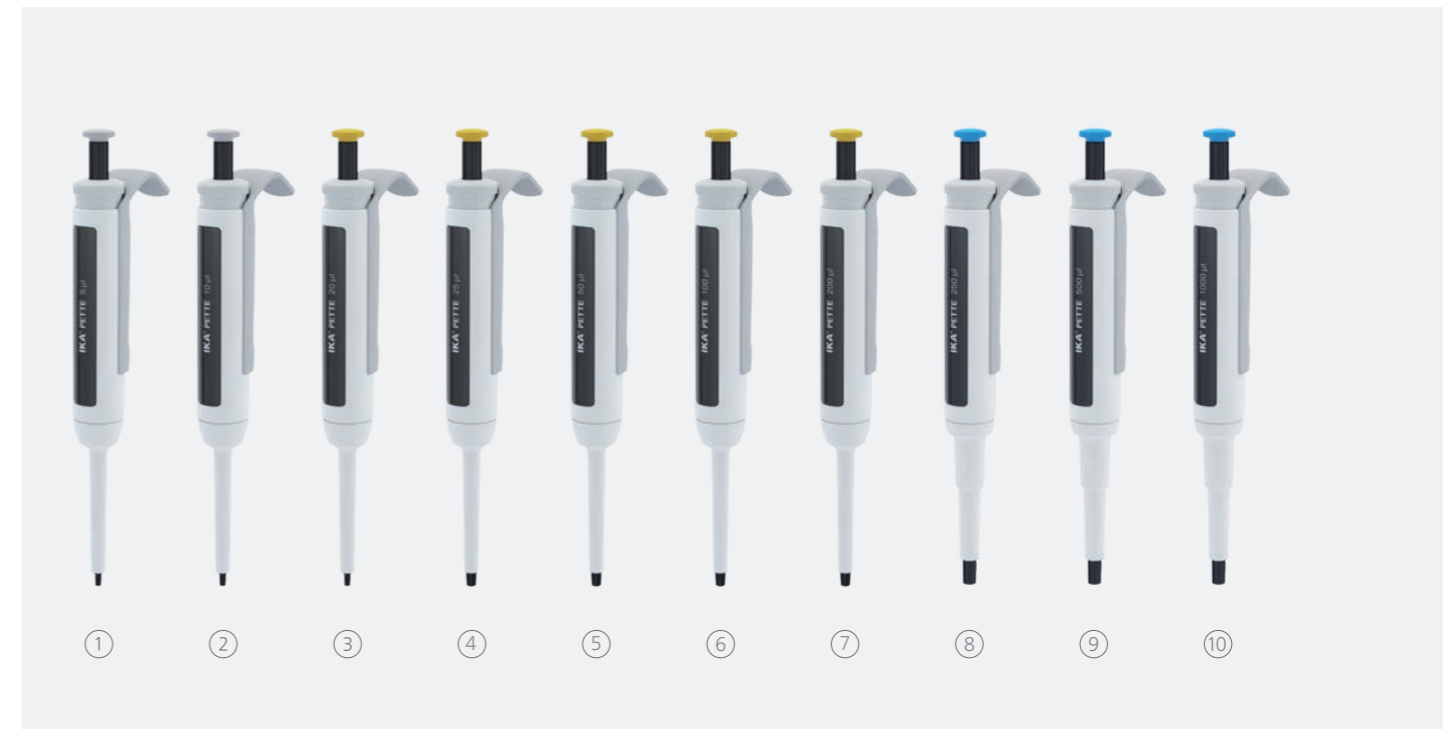


### DURABLE CONSTRUCTION

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

### SIMPLE MAINTENANCE AND ADJUSTMENT

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



- ① IKA PETTE fix 5 µl  
EUR 149,00  
Ident. No. 0020011219
- ② IKA PETTE fix 10 µl  
EUR 149,00  
Ident. No. 0020011220
- ③ IKA PETTE fix 20 µl  
EUR 149,00  
Ident. No. 0020011221
- ④ IKA PETTE fix 25 µl  
EUR 149,00  
Ident. No. 0020011222
- ⑤ IKA PETTE fix 50 µl  
EUR 149,00  
Ident. No. 0020011223
- ⑥ IKA PETTE fix 100 µl  
EUR 149,00  
Ident. No. 0020011224
- ⑦ IKA PETTE fix 200 µl  
EUR 149,00  
Ident. No. 0020011225
- ⑧ IKA PETTE fix 250 µl  
EUR 149,00  
Ident. No. 0020011226
- ⑨ IKA PETTE fix 500 µl  
EUR 149,00  
Ident. No. 0020011227
- ⑩ IKA PETTE fix 1000 µl  
EUR 149,00  
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
⑥	100 µl	200 µl
⑦	200 µl	200 µl
⑧	250 µl	1000 µl
⑨	500 µl	1000 µl
⑩	1000 µl	1000 µl



- ① **IKA PETTE vario 0.1 – 2 µl**  
EUR 227,00  
Ident. No. 0020011210
- ② **IKA PETTE vario 0.5 – 10 µl**  
EUR 227,00  
Ident. No. 0020011211
- ③ **IKA PETTE vario 2 – 20 µl**  
EUR 227,00  
Ident. No. 0020011213
- ④ **IKA PETTE vario 10 – 100 µl**  
EUR 227,00  
Ident. No. 0020011214
- ⑤ **IKA PETTE vario 20 – 200 µl**  
EUR 227,00  
Ident. No. 0020011215
- ⑥ **IKA PETTE vario 100 – 1000 µl**  
EUR 227,00  
Ident. No. 0020011216
- ⑦ **IKA PETTE vario 0.5 – 5 ml**  
EUR 227,00  
Ident. No. 0020011217
- ⑧ **IKA PETTE vario 1 – 10 ml**  
EUR 227,00  
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
⑤	20 – 200 µl	200 µl
⑥	100 – 1000 µl	1000 µl
⑦	0,5 – 5 ml	5 ml
⑧	1 – 10 ml	10 ml

**IKA PETTE MicroKit A**

EUR 602,00  
Ident. No. 0010007638



**IKA PETTE MicroKit B**

EUR 602,00  
Ident. No. 0010007639



**IKA PETTE Classic Kit**

EUR 602,00  
Ident. No. 0010007640



**IKA PETTE MacroKit**

EUR 616,00  
Ident. No. 0010007641



**IKA PETTE MicroKit A**

- › IKA Pette vario 0.1 – 2 µl
- › IKA Pette vario 0.5 – 10 µl
- › IKA Pette vario 10 – 100 µl
- › Linea
- › Tip xs box
- › Tip s box

**IKA PETTE MicroKit B**

- › IKA Pette vario 0.1 – 2 µl
- › IKA Pette vario 2 – 20 µl
- › IKA Pette vario 20 – 200 µl
- › Linea
- › Tip xs box
- › Tip s box

**IKA PETTE Classic Kit**

- › IKA Pette vario 2 – 20 µl
- › IKA Pette vario 20 – 200 µl
- › IKA Pette vario 100 – 1000 µl
- › Linea
- › Tip s box
- › Tip m box

**IKA PETTE MacroKit**

- › IKA Pette vario 100 – 1000 µl
- › IKA Pette vario 0.5 – 5 ml
- › IKA Pette vario 1 – 10 ml
- › Linea
- › Tip m box
- › Tip l box
- › Tip xl box





WATCH THE VIDEO  
[www.ika.com/videos/IKA\\_PETTE](http://www.ika.com/videos/IKA_PETTE)



LINEA



Pipette tips



Filter XL Filter L

Product	Description	Ident. No.	Price
<b>ACCESSORIES</b>			
LINEA	Pipette rack	0020018987	EUR 69,00
Tip xs bag	Pipette tip, 10 µl, transparent, 10 000 pcs.	0020017816	EUR 246,00
Tip xs tray	Pipette tip, 10 µl, transparent, 2304 pcs.	0020017818	EUR 85,00
Tip xs box	Pipette tip, 10 µl, transparent, 1920 pcs.	0020101786	EUR 85,00
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	EUR 192,00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	EUR 149,00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	EUR 74,00
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	EUR 85,00
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	EUR 192,00
Tip m bag	Pipette tip, 1000 µl, transparent, 5000 pcs.	0020017826	EUR 96,00
Tip m tray	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020100421	EUR 85,00
Tip m box	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020101788	EUR 85,00
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	EUR 149,00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	EUR 203,00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	EUR 106,00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	EUR 213,00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	EUR 128,00
Pipette tip box xs/s	Stacking box, 6 pcs.	0020017834	EUR 64,00
Refill tray xs	Refill tray, 25 pcs.	0020017836	EUR 85,00
Refill tray s	Refill tray, 25 pcs.	0020017837	EUR 85,00
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	EUR 37,00
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	EUR 37,00



**SOFTWARE**  
**Pipette Calibration Software**  
 EUR 219,00  
 Ident. No. 0020022141

User-friendly calibration software for planning, performing and recording all calibration tests.

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

## LR 1000 CONTROL SYSTEM

/// Reactor with weighing function and cooling water control

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

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



### LR 1000 basic Package

EUR 6.438,00

Ident. No. 0008040100



With just one base unit multiple vessels can be used!

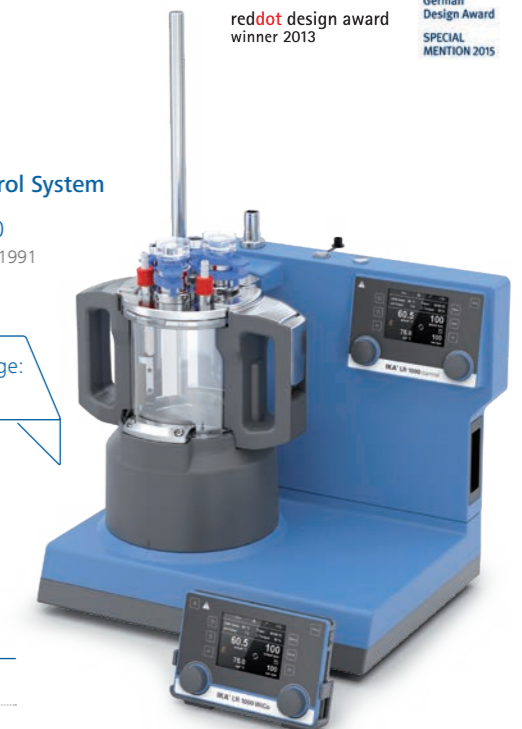


### LR 1000 control System

EUR 11.653,00

Ident. No. 0025001991

Weighing range: max. 2 kg



reddot design award  
winner 2013

German  
Design Award  
SPECIAL  
MENTION 2015

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; anchor stirrer	FFKM sealing; anchor stirrer with scraper
pH measurement	–	Yes (BNC)
Cooling water control	–	Yes
Heat control accuracy of medium with sensor	± 0,2 K	± 0,2 K
Heat output	1000 W	1000 W
Dimensions (W x H x D)	443 x 360 x 295 mm	443 x 360 x 295 mm

\* PT 100.30 included in delivery



**LR-2.ST**  
**The High-Performer**

EUR 12.935,00  
Ident. No. 0020013291

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



**LR-2.ST**  
**The Allrounder**

EUR 11.788,00  
Ident. No. 0020013292

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



**LR-2.ST**  
**The Versatile**

EUR 11.301,00  
Ident. No. 0020013293

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



**LR-2.ST**  
**The Compact Power**

EUR 10.713,00  
Ident. No. 0020013294

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



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

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

The reactor system is particularly helpful for product development, due to the used overhead stirrer, STARVISC 200-2.5 control, which is able to measure viscosity while stirring. This feature enables unique process monitoring and control during synthesis or mixing. Using the agitator mounting, a safe transfer of the high motor torque is feasible, which enables stirring of even highly viscous substances.

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 PTFE
Telescope stand stroke	620 – 1010 mm
Dimensions (W x H x D)	460 x 1240 x 430 mm



**LR-2.ST STARVISC 200**  
EUR 14.151,00  
Ident. No. 0020020603



WiCo LR 1000

LR 1000.3



LR 1000.10



LR 1000.20



LR 1000.41



LR 1000.64



LR 1000.70



MV 1



LR 2000.10



LR 2000.11



LR 2.1



LR 2000.1



LR 2000.2



LR 2000.3



LR 2000.4

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR 1000</b>			
WiCo LR 1000	Wireless controller	0020007267	EUR 564,00
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	EUR 3.300,00
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	EUR 4.108,00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	EUR 414,00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	EUR 243,00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	EUR 323,00
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	EUR 454,00
LR 1000.61	Temperature sensor receptacle	0004664400	EUR 416,00
LR 1000.62	Sensor receptacle GL 14	0020010508	EUR 356,00
LR 1000.64	pH electrode	0004663300	EUR 829,00
LR 1000.65	pH electrode receptacle	0004663400	EUR 702,00
LR 1000.70	Lid holder	0025003123	EUR 234,00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	EUR 420,00
Holder MV 1	Holder for cooling water control valve	0020019816	EUR 188,00
<b>ACCESSORIES LR-2.ST</b>			
LR-2.SI	Safety stop	0003318300	EUR 922,00
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	EUR 1.385,00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	EUR 646,00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	EUR 634,00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	EUR 797,00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	EUR 3.584,00
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	EUR 4.501,00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	EUR 5.160,00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	EUR 8.566,00



HBR 4 control LR



LT 5.28



T 25 digital LR

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR-2.ST</b>			
LR 2000.40	Shaft receptacle	0002509200	EUR 563,00
LR 2000.60	Sensor receptacle	0002509300	EUR 508,00
LR 2000.64	pH process electrode	0020010075	EUR 1.177,00
LR 2000.65	pH measuring sensor receptacle	0003172600	EUR 831,00
LR-2.SP	Splinter shield	0003326400	EUR 425,00
LT 5.23	Hose adapter set	0002235000	EUR 131,00
LT 5.25	Lock coupling set	0020000878	EUR 511,00
LT 5.26	Lock adapter set	0020000879	EUR 350,00
LT 5.27	Hose adapter set	0020000880	EUR 511,00
LT 5.28	Pressure control valve	0020100227	EUR 180,00
H 68.55	Temp. sensor, stn. steel, Ø 6 mm	0025007921	EUR 271,00
HBR 4 control LR	Heating bath, 4 l	0010001849	EUR 4.090,00
PT 1000.61	Temperature sensor, stn. steel, Ø 6 mm	0020009881	EUR 257,00

<b>ACCESSORIES LABORATORY REACTORS</b>			
T 25 digital LR	Disperser	0020008820	EUR 2.160,00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	EUR 2.059,00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	EUR 2.162,00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	EUR 1.929,00
S 25 KD - LR - 18 G	Dispersing element, Ø 18 mm	0025007071	EUR 1.362,00
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	EUR 1.929,00
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	EUR 1.983,00



S 25 KD - LR - 18 G



S 25 KD - LR - 25 F



**magic PLANT basic**

Price on request

Ident. No. 0020001186

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

**magic PLANT inline**

Price on request

Ident. No. U107703

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

**magic PLANT powder**

Price on request

Ident. No. U107159

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



The IKA magic PLANT is an ideal laboratory scale process plant. This system is used for batch-wise mixing, homogenizing, emulsifying, in addition to forming sample suspensions for capacities of up to 2 liters. Whether it is involved with the

manufacturing of liquids, pastes or powders – the magic PLANT delivers, enabling a seamless transition from product development to production.

TECHNICAL DATA	MAGIC PLANT BASIC	MAGIC PLANT INLINE	MAGIC PLANT POWDER
Max. admissible temperature	150 °C	80 / 120 °C	150 °C
Working pressure range	-1 to 2,5 bar (5 bar*)	-0,5 to 2,5 bar	-1 to 2,5 bar (5 bar*)
Useful volume	1 – 2 l	0,5 – 2 l	0,5 – 1,5 l
Stirring tool	Anchor and propeller	Anchor	Spiral
Speed range	0 – 2000 rpm (Propeller, Dissolver) 0 – 350 rpm (Anchor, Spiral)	0 – 2000 rpm (Propeller, Dissolver) 0 – 350 rpm (Anchor, Spiral)	0 – 350 rpm (Spiral)

\* with optional safety valve

**Algaemaster 10 control**

EUR 32.893,00

Ident. No. 0020009577

**ALGAEMASTER 10 CONTROL**

/// Growing algae made easy

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



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



### labworldsoft® 6 Starter

EUR 4.299,00  
Ident. No. 0020019397

### labworldsoft® 6 Starter Update

EUR 860,00  
Ident. No. 0020019398

### labworldsoft® 6 Advanced

EUR 7.490,00  
Ident. No. 0020105873

### labworldsoft® 6 Advanced Update

EUR 1.498,00  
Ident. No. 0020105874

### labworldsoft® 6 Starter Upgrade

EUR 5.511,00  
Ident. No. 0020019399

### labworldsoft® 6 Pro

EUR 9.809,00  
Ident. No. 0020017366

### labworldsoft® 6 Pro Update

EUR 1.962,00  
Ident. No. 0020018014

### labworldsoft® 6 Pro + 5 Years Support

EUR 17.657,00  
Ident. No. 0020022767



Expert Key 100 eco

Expert Key 100 pro



ETH SER 4



PCI 8.2

### C 6040 CalWin

EUR 2.145,00  
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.

Product	Description	Ident. No.	Price
Expert Key 100 eco	Data collection system for laboratories	0020005486	EUR 5.356,00
Expert Key 100 pro	Data collection system for industries	0020005485	EUR 5.781,00
Multi power switch	Switchable multiple connection plug board	0020003454	EUR 86,00
MV 1 power plug	Cooling water valve with power plug	0010001655	EUR 513,00
RV 10 A 1	Adapter valve for Expert Key	0020004314	EUR 117,00
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	EUR 79,00
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	EUR 81,00
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	EUR 32,00
PC 1.1	Cable, L 3 m	0002616700	EUR 38,00
PC 1.5	Cable, L 2,5 m	0002756000	EUR 42,00
PC 2.1	Cable, L 5 m	0002700700	EUR 16,10
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	EUR 136,00
DTM 12.10	Data cable, L 2,5 m, 9 pins (F)	0003127800	EUR 342,00
PC 1.2	Adapter, 25 pins	0002616800	EUR 61,00
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	EUR 80,00
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	EUR 61,00
PCI 8.2	Plug-in card, 25 pins	0008017500	EUR 1.285,00
USB SER 4	USB-serial converter 4 ports	0020003456	EUR 363,00
USB SER 8	USB-serial converter 8 ports	0020018480	EUR 624,00
USB SER 16	USB-serial converter 16 ports	0020018736	EUR 1.079,00
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	EUR 91,00
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	EUR 171,00
USB ISO	USB isolator	0020101935	EUR 158,00
ETH SER 4	Ethernet-serial converter 4 ports	0003192000	EUR 1.419,00
ETH SER 8	Ethernet-serial converter 8 ports	0020021350	EUR 1.802,00
ETH SER 16	Ethernet-serial converter 16 ports	0020021351	EUR 2.158,00



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

## C 6000

### /// An evolution in calorimetry

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



#### C 1 Package 1/10

EUR 17.377,00  
Ident. No. 0010005633

#### C 1 Package 2/10

EUR 14.027,00  
Ident. No. 0010005634

#### C 1 Package 3/10

EUR 15.264,00  
Ident. No. 0010005635

#### C 1 Package 1/12

EUR 19.062,00  
Ident. No. 0010005636

#### C 1 Package 2/12

EUR 15.712,00  
Ident. No. 0010005637

#### C 1 Package 3/12

EUR 16.949,00  
Ident. No. 0010005638



#### C 200

EUR 18.552,00  
Ident. No. 0008802500

#### C 200 h

EUR 22.485,00  
Ident. No. 0008803700

#### C 200 auto

EUR 22.155,00  
Ident. No. 0010002379

#### C 200 h auto

EUR 23.958,00  
Ident. No. 0010002387

TECHNICAL DATA	C 1	C 200   C 200 H
Maximum energy input	40 000 J / 9560 cal	40 000 J / 9560 cal
Resolution of the temperature sensor	0,0001 K	0,0001 K
Power ON-time	100 %	100 %
Oxygen operating pressure max.	40 bar	40 bar
Measuring modes / Measurements per hour	Static jacket (Regnault Pfaundler) 4	Isoperibol 3, Dynamic 6 Manual 3, Time-controlled 4
Start temperature settings	2 possible settings: 22 °C or 30 °C	18 – 25 °C
Reproducibility (1g benzoic acid NBS39i)	Static jacket (Regnault Pfaundler) 0,15 % RSD	Isoperibol 0,1 % RSD Dynamic 0,1 % RSD Manual (Isoperibol) 0,1 % RSD Time-controlled 0,1 % RSD
Number of decomposition vessels per unit	up to 2	up to 4
Dimensions (W × H × D)	290 × 280 × 300 mm	400 × 400 × 400 mm

**C 6000 isoperibol  
Package 1/10**EUR 34.733,00  
Ident. No. 0010004524**C 6000 isoperibol  
Package 1/12**EUR 37.293,00  
Ident. No. 0010004525**C 6000 isoperibol  
Package 2/10**EUR 31.450,00  
Ident. No. 0010004526**C 6000 isoperibol  
Package 2/12**EUR 34.010,00  
Ident. No. 0010004527**C 6000 global standards  
Package 1/10**EUR 39.240,00  
Ident. No. 0010004520**C 6000 global standards  
Package 1/12**EUR 41.721,00  
Ident. No. 0010004521**C 6000 global standards  
Package 2/10**EUR 37.196,00  
Ident. No. 0010004522**C 6000 global standards  
Package 2/12**EUR 39.756,00  
Ident. No. 0010004523

## TECHNICAL DATA

TECHNICAL DATA	C 6000 ISOPERIBOL I GLOBAL STANDARDS
Maximum energy input	40 000 J / 9560 cal
Resolution of the temperature sensor	0,0001 K
Display	TFT with touch screen
Oxygen operating pressure max.	40 bar
Reproducibility (1g benzoic acid NBS39i)	Isoperibol 0,05% RSD Dynamic 0,15% RSD Adiabatic 0,05% RSD
Measuring modes	Isoperibol 22 / 25 / 30 °C Dynamic 22 / 25 / 30 °C Adiabatic 22 / 25 / 30 °C
Measurements per hour	Isoperibol 4 Dynamic 6 Adiabatic 5
Number of possible decomposition vessels per device	up to 4
Dimensions (W x H x D)	500 x 425 x 450 mm

**AOD 1**EUR 8.145,00  
Ident. No. 0008801300**C 7000 Set 1**EUR 38.799,00  
Ident. No. 0008800900**C 7000 Set 2**EUR 41.499,00  
Ident. No. 0008801400

## TECHNICAL DATA

TECHNICAL DATA	C 7000
Maximum energy input	30 000 J
Resolution of the temperature sensor	0,0001 K
Display	LED
Oxygen operating pressure max.	40 bar
Reproducibility (1g benzoic acid NBS39i)	0,2 % RSD
Measuring modes	Double dry (ISO 1928)
Working temperature max.	30 °C
Number of possible decomposition vessels per device	8
Dimensions (W x H x D)	310 x 395 x 490 mm

## TECHNICAL DATA

TECHNICAL DATA	AOD
Decomposition time	3 min
Chamber volume	210 ml
Pressure max.	195 bar
Core temperature max.	1200 °C
Oxygen operating pressure max.	40 bar
Permissible ambient temperature	min. 5 °C max. 40 °C
Weight	12,5 kg
Dimensions (W x H x D)	400 x 480 x 260 mm
Power input	45 W





C 1.12



C 1.20



C 1.50

Product	Description	Ident. No.	Price
<b>ACCESSORIES AND CONSUMABLES C 1</b>			
C 1/10	Food add on Package for C 1	0010001917	EUR 4.748,00
C 1.20	Water heater	0004501000	EUR 1.237,00
C 1.10	Combustion chamber	0004500300	EUR 883,00
C 1.12	Combustion chamber, halogen resistant	0004500400	EUR 2.568,00
C 1.50	Dot matrix printer	0004500600	EUR 1.074,00
C 1.30	Venting station	0004500900	EUR 1.897,00
C 1.1012	Organizer	0004500700	EUR 167,00
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	EUR 319,00
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	EUR 654,00
C 1.103	Ignition wire, Kanthal, 5 pcs.	0004579300	EUR 41,00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	EUR 136,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES AND CONSUMABLES C 6000</b>			
C 6010	Decomposition vessel, standard	0003770000	EUR 2.942,00
C 6012	Decomposition vessel, halogen resistant	0004504000	EUR 5.554,00
C 6010 HE	Standard decomposition vessel with hastelloy electrodes	0020007660	EUR 3.521,00
C 6010.10	Combustion shield	0020007518	EUR 106,00
C 1.50	Dot matrix printer	0004500600	EUR 1.074,00
C 6030	Venting station	0004504100	EUR 2.235,00
C 60.1012	Organizer	0004504200	EUR 234,00
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	EUR 920,00
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	EUR 2.342,00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	EUR 41,00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	EUR 136,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES ALL CALORIMETERS</b>			
C 27	Calorimeter preparation set	0004579700	EUR 111,00
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	
C 29 (B5341-3)	Pressure regulator, oxygen	0020101322	EUR 1.091,00
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	
C 21	Pelleting press	0001605300	EUR 3.128,00
C 5010.8	Crucible holder, small	0004579800	EUR 154,00
C 5010.5	Crucible holder, big	0003055900	EUR 187,00



C 21



C 200.RC



C 248

Product	Description	Ident. No.	Price
<b>ACCESSORIES C 200</b>			
C 200.RC	Set of hoses	0020010835	EUR 534,00
C 248	Oxygen station	0003520000	EUR 968,00
C 200.1	Measuring cup, 2000 ml	0003548900	EUR 42,00
C 200.2	Conversion kit for C 5012	0004028800	EUR 156,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES C 200, C 2000, C 5000</b>			
C 5010	Decomposition vessel, standard	0007114000	EUR 3.663,00
C 5012	Decomposition vessel, halogen resistant	0007215000	EUR 7.440,00
C 5010 HE	Standard decomposition vessel with hastelloy electrodes	0003955000	EUR 4.185,00
C 5030	Venting station	0007198000	EUR 2.693,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 255,00
C 26	Prep stand	0008804000	EUR 208,00



C 5010

Product	Description	Ident. No.	Price
<b>ACCESSORIES C 2000, C 5000, C 6000</b>			
C 5020	Sample rack	0007145000	EUR 5.923,00



C 5020

Product	Description	Ident. No.	Price
<b>ACCESSORIES C 2000, C 5000, C 7000</b>			
C 5041.10	Connection cable	0003036000	EUR 47,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES C 1, C 2000, C 6000</b>			
C 25	Pressure regulating valve	0003197200	EUR 354,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES C 7000</b>			
C 7000	Measurement cell	0003008000	EUR 28.374,00
C 7010	Decomposition vessel, standard	0003015000	EUR 4.242,00
C 7012	Decomposition vessel, halogen resistant	0003017000	EUR 8.260,00
C 7002	Cooling system	0007011000	EUR 10.854,00
C 48	Oxygen station	0001560000	EUR 2.588,00
C 7030	Venting station	0003013300	EUR 2.015,00
C 7010.8	Venting handle	0007095000	EUR 454,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 255,00



C 48



C 7010.8



C 5010.4



C 5010.5



C 710.4



C 5



C 4



C 10



C 9



C 15



C 12



C 43



C 17



AOD 1.11



C 723



C 5012.3

Product	Description	Ident. No.	Price
<b>CONSUMABLES ALL CALORIMETERS</b>			
C 6000.1*	Water protect, 100 ml	0020014031	EUR 76,00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	EUR 35,00
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	EUR 35,00
C 4	Quartz dish	0001695500	EUR 27,00
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	EUR 133,00
C 6	Quartz dish, big	0000355100	EUR 38,00
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	EUR 205,00
C 9	Gelatine capsules, 100 pcs.	0000749900	EUR 36,00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	EUR 97,00
C 12	Combustion bags, 40 x 35 mm, 100 pcs.	0002201400	EUR 38,00
C 12 A	Combustion bags, 70 x 40 mm, 100 pcs.	0002201500	EUR 39,00
C 15	Parafilm strips	0003131100	EUR 47,00
C 16	Parafilm, 1000 x 50 mm	0003801100	EUR 54,00
C 17	Paraffin, liquid, 30 ml	0003801200	EUR 89,00
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	EUR 590,00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	EUR 129,00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	EUR 810,00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	EUR 283,00

**CONSUMABLES C 200, C 2000, C 5000, C 7000**

C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	EUR 51,00
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	EUR 143,00
C 14	Combustible crucibles, 100 pcs.	0007224500	EUR 96,00

\* Use biocidal product carefully.  
Always read the label and product information before use.  
Active ingredients: < 0.1 % Bardap 26, < 0.1 % Diamine



AOD 1.2



AOD 1.1



AOD 1.3



Product	Description	Ident. No.	Price
<b>ACCESSORIES AOD 1</b>			
AOD 1.1 FZ	Decomposition vessel	0003303000	EUR 5.920,00
AOD 1.2	External ignition unit	0003348000	EUR 1.390,00
AOD 1.3	Protection device	0003308000	EUR 2.334,00
AOD 1.13	Remote ignition head	0003348100	EUR 655,00
C 48	Oxygen station	0001560000	EUR 2.588,00
C 7030	Venting station	0003013300	EUR 2.015,00
C 21	Pelleting press	0001605300	EUR 3.128,00
C 29	Pressure gauge, oxygen	0000750200	EUR 1.091,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 255,00

**CONSUMABLES AOD 1**

C 4	Quartz dish	0001695500	EUR 27,00
C 9	Gelatine capsules, 100 pcs.	0000749900	EUR 36,00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	EUR 97,00
C 12	Combustion bags, 40 x 35 mm, 100 pcs.	0002201400	EUR 38,00
C 12 A	Combustion bags, 70 x 40 mm, 100 pcs.	0002201500	EUR 39,00
C 14	Combustible crucibles, 100 pcs.	0007224500	EUR 96,00
C 15	Parafilm strips	0003131100	EUR 47,00
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	EUR 143,00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	EUR 35,00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	EUR 283,00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	EUR 129,00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	EUR 810,00

**C 6040 CalWin**

EUR 2.145,00

Ident. No. 0004040500\*

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





R 200

R 270



RH 5

LABLIFT m

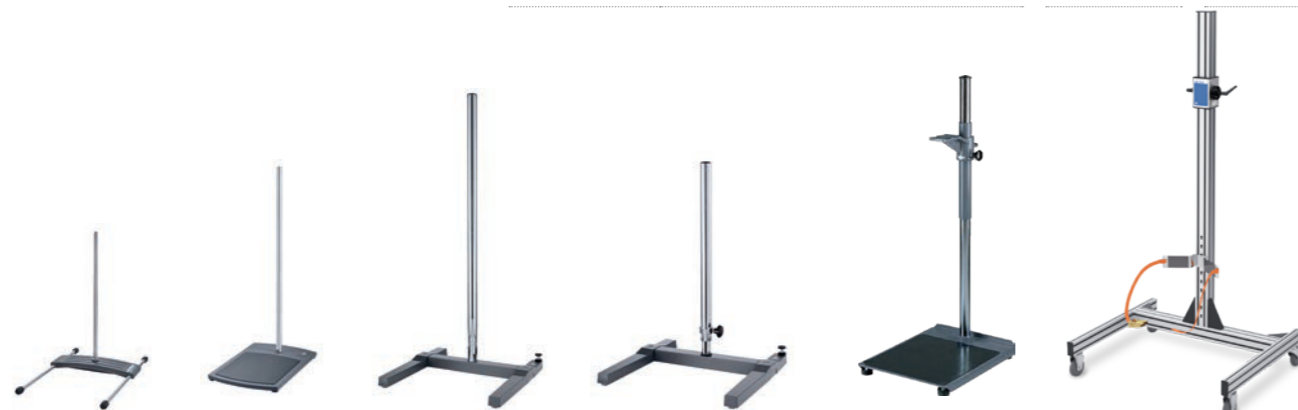
Product	Description	Ident. No.	Price
<b>FIXING ELEMENTS</b>			
H 44	Boss head clamp	0002437700	EUR 33,00
R 200	Clamp for T 10 basic and R 104	0003372000	EUR 35,00
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	EUR 88,00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	EUR 116,00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	EUR 187,00
R 350	Universal clamp	0001752900	EUR 110,00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	EUR 286,00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	EUR 353,00
LABLIFT m	Manual scissor lift	0004022400	EUR 298,00

**STANDS**

R 104	Stand for T 10 basic, H 370 mm	0003386000	EUR 163,00
R 1825	Plate stand, H 560 mm	0003160000	EUR 281,00
R 1826	Plate stand, H 800 mm	0003160100	EUR 309,00
R 1827	Plate stand, H 1000 mm	0003160200	EUR 330,00
R 2722	H-stand, 1010 mm	0001412000	EUR 675,00
IKA [scale]	Stand with an integrated scale	0025004318	EUR 793,00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	EUR 1.251,00
T 653	Telescopic stand, H 1200 mm	0001608000	EUR 1.763,00
R 474	Telescopic stand, H 1200 mm	0001643000	EUR 1.763,00
R 472	Floor stand, H 2020 mm	0000738700	EUR 3.747,00
R 2850	Floor stand, H 1900 mm	0020002900	EUR 2.755,00
R 6547 H	Floor stand, hydraulic	0020018378	EUR 7.824,00
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018383	EUR 3.416,00



R 6547 H



R 104

R 1825

R 2722

R 2723

R 474

R 2850



ALMEMO 2490



PT 100.23

Product	Description	Ident. No.	Price
<b>ELECTRONIC ACCESSORIES</b>			
ALMEMO 2490-2	Temperature measuring instrument	0004709300	EUR 1.766,00
R 2850.SI	Safety stop	0020010623	EUR 1.247,00
IKA [scale]	Stand with weighing function	0025004318	EUR 793,00
R 6547 E 400V	Floor stand, electrohydraulics	0020018384	EUR 13.335,00
<b>ACCESSORIES ALMEMO</b>			
ALMEMO USB cable	USB cable	0004709400	EUR 359,00
PT 100.23	Temp. sensor, stn. steel, Ø3 mm, length: 250 mm	0003122100	EUR 290,00
PT 100.24	Temp. sensor, stn. steel, coated, Ø6 mm, 250 mm	0003122200	EUR 298,00
PT 100.25	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0003122300	EUR 239,00

**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 transferred to a suitable device (e.g. IKA MINI-/ MICROSTAR series) and shown on its display.



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



C-MAG HS 7 Package



T 18 digital Package



MultiDrive basic M 20 Successor Package

Product	Description	Ident. No.	Price
<b>MAGNETIC STIRRER PACKAGE</b>			
<b>C-MAG HS 7 Package</b>			
C-MAG HS 7	Magnetic stirrer with heating, ceramic plate	0009015900	EUR 965,00
ETS-D5	Electronic contact thermometer	0003378000	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
<b>DISPERSER PACKAGE</b>			
<b>T 18 digital Package</b>			
T 18 digital	Disperser	0003720000	EUR 2.155,00
S 18 N - 19 G	Dispersing tool	L004640	
<b>MILL PACKAGE</b>			
<b>MultiDrive basic M 20 Successor Package</b>			
MultiDrive basic	Universal crusher	0025002638	EUR 4.185,00
MI 250	Milling chamber	0025003967	
<b>MultiDrive control MT Package</b>			
MultiDrive control	Universal crusher	0025002643	EUR 3.958,00
TC 1	protective housing	0020023489	
MT 150.5	Autoclavable disposable tubes	0020023173	
<b>MultiDrive control BT Package</b>			
MultiDrive control	Universal crusher	0025002643	EUR 3.958,00
TC 1	protective housing	0020023489	
BT 250.5	Autoclavable disposable tubes	0020023174	



ICC basic eco 8



ICC control pro 9



ICC basic eco 18



ICC control pro 20

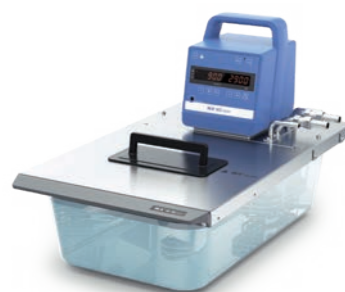
Product	Description	Ident. No.	Price
<b>HEATING BATH CIRCULATORS</b>			
<b>ICC basic eco 8 Package*</b>			
ICC basic	Compact immersion circulator	0008034900	EUR 1.482,00
IB eco 8	Bath vessel, plastic	0004248100	
<b>ICC control eco 8 Package*</b>			
ICC control	Compact immersion circulator	0008035300	EUR 2.339,00
IB eco 8	Bath vessel, plastic	0004248100	
<b>ICC basic pro 9 Package*</b>			
ICC basic	Compact immersion circulator	0008035100	EUR 1.637,00
IB pro 9	Bath vessel, stainless steel	0004248500	
<b>ICC control pro 9 Package*</b>			
ICC control	Compact immersion circulator	0008035500	EUR 2.149,00
IB pro 9	Bath vessel, stainless steel	0004248500	
<b>ICC basic pro 12 Package*</b>			
ICC basic	Compact immersion circulator	0010000414	EUR 1.709,00
IB pro 12	Bath vessel, stainless steel	0004134400	
<b>ICC control pro 12 Package*</b>			
ICC control	Compact immersion circulator	0010000415	EUR 2.553,00
IB pro 12	Bath vessel, stainless steel	0004136600	
<b>ICC basic eco 18 Package*</b>			
ICC basic	Compact immersion circulator	0008035000	EUR 1.599,00
IB eco 18	Bath vessel, plastic	0004248200	
<b>ICC control eco 18 Package*</b>			
ICC control	Compact immersion circulator	0008035400	EUR 2.489,00
IB eco 18	Bath vessel, plastic	0004248200	
<b>ICC basic pro 20 Package*</b>			
ICC basic	Compact immersion circulator	0008035200	EUR 1.749,00
IB pro 20	Bath vessel, stainless steel	0004134400	
<b>ICC control pro 20 Package*</b>			
ICC control	Compact immersion circulator	0008035600	EUR 2.599,00
IB pro 20	Bath vessel, stainless steel	0004248600	

\* Bath bridge included in delivery





ICC basic eco 8 c



ICC basic eco 8 c



ICC basic pro 12 c



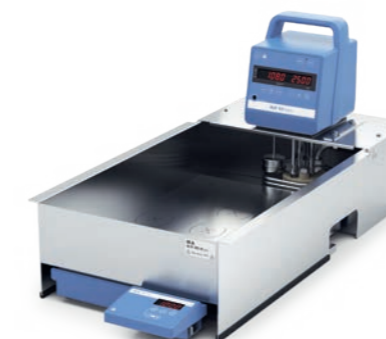
ICC control pro 20 c

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

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



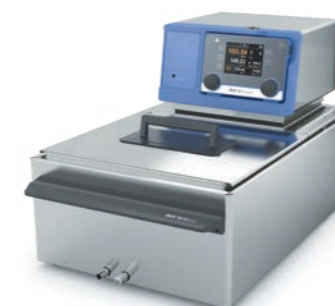
ICC control IB R RO 15 eco



ICC basic IB R RO 15 pro



ICC control pro 9



IC control pro 20 c

Product	Description	Ident. No.	Price
<b>PACKAGES WITH MAGNETIC STIRRER</b>			
<b>ICC basic IB R RO 15 eco Package</b>			
ICC basic	Compact immersion circulator	0004134400	
IB R RO 15 eco	Bath vessel, plastic	0020006341	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
<b>ICC control IB R RO 15 eco Package</b>			
ICC control	Compact immersion circulator	0004136600	
IB R RO 15 eco	Bath vessel, plastic	0020006341	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
<b>ICC basic IB R RO 15 pro Package</b>			
ICC basic	Compact immersion circulator	0004134400	
IB R RO 15 pro	Bath vessel, stainless steel	0020006341	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
<b>ICC control IB R RO 15 pro Package</b>			
ICC basic	Compact immersion circulator	0004134400	
IB R RO 15 pro	Bath vessel, stainless steel	0020006341	
BL.ICC	Bath bridge	0020003078	
RO 15	Multiposition magnetic stirrer	0003692500	
<b>IMMERSION CIRCULATOR IC PACKAGES</b>			
<b>IC basic pro 12 c Package*</b>			
IC basic	Immersion circulator	0003861000	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
<b>IC control pro 12 c Package*</b>			
IC control	Immersion circulator	0003863000	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
<b>IC basic pro 20 c Package*</b>			
IC basic	Immersion circulator	0003861000	
IB pro 20	Bath vessel, stainless steel	0004248600	
CM.IC	Cover	0004577600	
<b>IC control pro 20 c Package*</b>			
IC control	Immersion circulator	0003863000	
IB pro 20	Bath vessel, stainless steel	0004248600	
CM.IC	Cover	0004577600	

\* Bath bridge and cooling coil are included in delivery



RV 3 V-C



RV 8 V-C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 3 V Package</b>			
RV 3	Drive	0020015793	
HB eco	Heating bath	0025004726	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 3 V-C Package</b>			
RV 3	Drive	0020015793	EUR 2.405,00
HB eco	Heating bath	0025004726	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 3 FLEX Package</b>			
RV 3	Drive	0020015793	EUR 2.255,00
HB eco	Heating bath	0025004726	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	
<b>RV 8 V Package</b>			
RV 8	Drive	0025002822	EUR 2.995,00
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 8 V-C Package</b>			
RV 8	Drive	0025002822	EUR 3.163,00
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 8 FLEX Package</b>			
RV 8	Drive	0025002822	EUR 2.835,00
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	



RV 8 dry ice condenser



RV 10 digital dry ice condenser C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES*</b>			
<b>RV 3 dry ice condenser</b>			
RV 3	Drive	0020015793	
HB eco	Heating bath	0025004726	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
<b>RV 3 dry ice condenser C</b>			
RV 3	Drive	0020015793	EUR 3.060,00
HB eco	Heating bath	0025004726	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask	0003740500	
<b>RV 8 dry ice condenser</b>			
RV 8	Drive	0025002822	EUR 3.490,00
HB digital	Heating bath	0020004009	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
<b>RV 8 dry ice condenser C</b>			
RV 8	Drive	0025002822	EUR 3.658,00
HB digital	Heating bath	0020004009	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
<b>RV 10 digital dry ice condenser</b>			
RV 10 digital	Drive	0003550099	EUR 5.012,00
HB digital	Heating bath	0020004009	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
<b>RV 10 digital dry ice condenser C</b>			
RV 10 digital	Drive	0020015793	EUR 5.390,00
HB digital	Heating bath	0020004009	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask	0003740500	

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





RV 10 digital V-C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 10 digital V Package</b>			
RV 10 digital	Drive	0003550099	EUR 4.517,00
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 digital V-C Package</b>			
RV 10 digital	Drive	0003550099	EUR 4.896,00
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 digital FLEX Package</b>			
RV 10 digital	Drive	0003550099	EUR 4.336,00
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	
<b>RV 10 auto V Package</b>			
RV 10 auto	Drive	0020003919	EUR 7.693,00
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	
<b>RV 10 auto V-C Package</b>			
RV 10 auto	Drive	0020003919	EUR 8.150,00
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	
<b>RV 10 auto FLEX Package</b>			
RV 10 auto	Drive	0020003919	EUR 7.516,00
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	



RV 10 auto V-C



RV 10 auto pro V-C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 10 auto pro V Package</b>			
RV 10 auto	Drive	0020003919	EUR 9.476,00
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 auto pro V-C Package</b>			
RV 10 auto	Drive	0020003919	EUR 9.834,00
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 auto pro FLEX Package</b>			
RV 10 auto	Drive	0020003919	EUR 9.536,00
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020004009	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	
<b>RV 10 auto pro V-C Complete</b>			
RV 10 auto	Drive	0020003919	EUR 10.889,00
VACSTAR digital	Pump with analog connection	0020016236	
RC 2 lite	Recirculating chiller	0025006624	
HB digital	Heating bath	0020004009	
RV 10.10	Set of glassware, vertical, coated	0003755400	
H.SI.8	Hose set	0004569000	
RV 10.70	Vapor tube, NS 29/32	0003812200	
VSE 1	Vacuum safety emission condenser	0003683300	
H 11	Mains cable (2x)	0001091500	



RV 10 auto pro V-C Complete



C 1



C 200 auto

Product	Description	Ident. No.	Price
<b>CALORIMETER PACKAGES</b>			
<b>C 1 Package 1/10 Package</b>			
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
RC 2 basic	Recirculating chiller	0004171000	
<b>C 1 Package 2/10 Package</b>			
C 1	Calorimeter	0020010860	EUR 14.027,00
C 1.10	Combustion chamber	0004500300	
<b>C 1 Package 3/10 Package</b>			
C 1	Calorimeter	0020010860	EUR 15.264,00
C 1.10	Combustion chamber	0004500300	
C 1.20	Water heater	0004501000	
<b>C 1 Package 1/12 Package</b>			
C 1	Calorimeter	0020010860	EUR 19.062,00
C 1.12	Combustion chamber, halogen resistant	0004500400	
RC 2 basic	Recirculating chiller	0004171000	
<b>C 1 Package 2/12 Package</b>			
C 1	Calorimeter	0020010860	EUR 15.712,00
C 1.12	Combustion chamber, halogen resistant	0004500400	
<b>C 1 Package 3/12 Package</b>			
C 1	Calorimeter	0020010860	EUR 16.949,00
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1.20	Water heater	0004501000	
<b>C 200 auto Package</b>			
C 200	Measurement cell	0003385000	EUR 20.155,00
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	0020010835	
C 5010	Decomposition vessel	0007114000	
C 248	Oxygen filling station	0003520000	
<b>C 200 h auto Package</b>			
C 200	Measurement cell	0003385000	EUR 23.958,00
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	0020010835	
C 5012	Decomposition vessel, halogen resistant	0007215000	
C 200.2	Conversion kit	0004028800	
C 248	Oxygen filling station	0003520000	



C 6000

Product	Description	Ident. No.	Price
<b>CALORIMETER PACKAGES</b>			
<b>C 6000 global standards Package 1/10</b>			
C 6000 global standards	Measurement cell	0020005930	EUR 39.240,00
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
<b>C 6000 global standards Package 1/12</b>			
C 6000 global standards	Measurement cell	0020005930	EUR 41.721,00
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
<b>C 6000 global standards Package 2/10</b>			
C 6000 global standards	Measurement cell	0020005930	EUR 37.196,00
C 6010	Decomposition vessel, standard	0003770000	
<b>C 6000 global standards Package 2/12</b>			
C 6000 global standards	Measurement cell	0020005930	EUR 39.756,00
C 6012	Decomposition vessel, halogen resistant	0004504000	
<b>C 6000 isoperibol Package 1/10</b>			
C 6000 isoperibol	Measurement cell	0020005940	EUR 34.733,00
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
<b>C 6000 isoperibol Package 1/12</b>			
C 6000 isoperibol	Measurement cell	0020005940	EUR 37.293,00
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
<b>C 6000 isoperibol Package 2/10</b>			
C 6000 isoperibol	Measurement cell	0020005940	EUR 31.450,00
C 6010	Decomposition vessel, standard	0003770000	
<b>C 6000 isoperibol Package 2/12</b>			
C 6000 isoperibol	Measurement cell	0004025000	EUR 34.010,00
C 6012	Decomposition vessel, halogen resistant	0004504000	





C 7000

Product	Description	Ident. No.	Price
<b>CALORIMETER PACKAGES</b>			
<b>C 7000 Set 1 Package</b>			
C 7000	Measurement cell	0003008000	EUR 38.799,00
C 7010	Decomposition vessel, standard	0003015000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	
<b>C 7000 Set 2 Package</b>			
C 7000	Measurement cell	0003008000	EUR 41.499,00
C 7012	Decomposition vessel, halogen resistant	0003017000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	

**ELECTROCHEMISTRY PACKAGES**

ElectraSyn 2.0

<b>ElectraSyn 2.0 Package</b>			
ElectraSyn 2.0	Base unit	0020001549	EUR 3.292,00
Vial holder		0020014424	
Vial	10 ml	0020014424	
Stir plate attachment		0040001991	
Electrode Graphite	2 pcs.	0040002574	
<b>ElectraSyn 2.0 pro Package</b>			
ElectraSyn 2.0	Base unit	0020001549	EUR 3.870,00
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

<b>Screening System Package (6 divided cells)</b>			
Reaction block		0020015936	EUR 12.829,00
Electrolysis cells		0040001849	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004601	
Electrode graphite	16 pcs.	0040001850	
<b>Screening System Package (8 undivided cells)</b>			
Reaction block		0020015943	EUR 11.807,00
Electrolysis cells		0040001849	
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004601	
Electrode graphite	16 pcs.	0040001850	



ROTAISC me-vi Complete



ROTAISC SBS hi-vi I Complete



Rotavisc hi-vi I HELI Complete

Product	Description	Ident. No.	Price
<b>VISCOMETER Packages*</b>			
ROTAISC lo-vi Complete Package		0025000310	EUR 3.396,00
ROTASTAND		0020006787	
ROTAISC me-vi Complete Package		0025000311	EUR 3.396,00
ROTASTAND		0020006787	
ROTAISC hi-vi I Complete Package		0025000312	EUR 3.396,00
ROTASTAND		0020006787	
ROTAISC hi-vi II Complete Package		0025000313	EUR 3.396,00
ROTASTAND		0020006787	
ROTAISC SBS me-vi Complete Package		0010007714	EUR 3.846,00
ROTASTAND		0020006787	
ROTAISC SBS hi-vi I Complete Package		0010007686	EUR 3.846,00
ROTASTAND		0020006787	
ROTAISC SBS hi-vi II Complete Package		0010007701	EUR 3.846,00
ROTASTAND		0020006787	
<b>VISCOMETER Packages* HELISTAND</b>			
ROTAISC lo-vi HELI Complete Package		0025008225	EUR 3.888,00
HELISTAND		0025007567	
ROTAISC me-vi HELI Complete Package		0025008226	EUR 3.888,00
HELISTAND		0025007567	
ROTAISC hi-vi I HELI Complete Package		0025008227	EUR 3.888,00
HELISTAND		0025007567	
ROTAISC hi-vi II HELI Complete Package		0025008228	EUR 3.888,00
HELISTAND		0025007567	
ROTAISC SBS me-vi HELI Complete Package		0010007716	EUR 4.338,00
HELISTAND		0025007567	
ROTAISC SBS hi-vi I HELI Complete Package		0010007688	EUR 4.338,00
HELISTAND		0025007567	
ROTAISC SBS hi-vi II HELI Complete Package		0010007703	EUR 4.338,00
HELISTAND		0025007567	

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



## SERVICE PLUS FROM IKA

/// We adapt to your requirements

### /// PRODUCT MODIFICATIONS

If you can't find exactly what you are looking for, get in touch with the IKA Customizing Center. Our team will check how we can fulfill your product requirements using customized solutions. For further information and examples of implemented product change requests, please contact [sales@ika.de](mailto:sales@ika.de).

### /// APPLICATION SUPPORT

You can test all of the laboratory equipment yourself at the IKA Application Center. Our experts will analyze your processes and work with you to decide how to optimize your application.

#### Application Center

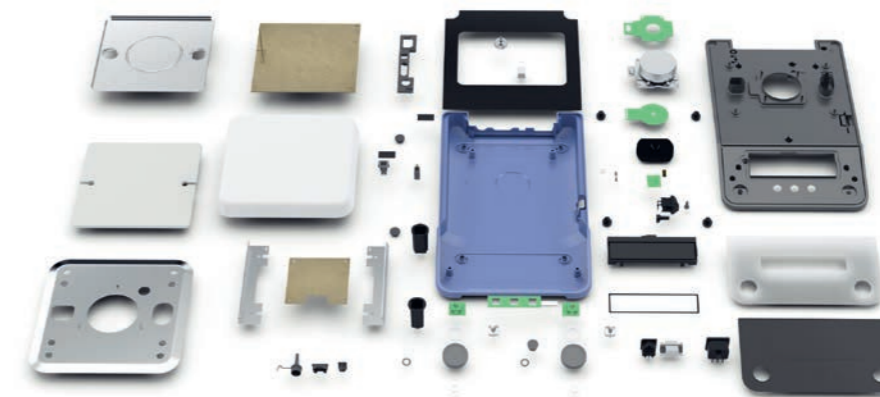
Our Application Center shows the latest laboratory equipment over an area of 400 m<sup>2</sup>.

#### Equipment tests

The Application Team provides support with customized testing of equipment and processes.

#### Sample analysis and application recommendation

We also process samples sent in to us and give you a report on the results with application recommendations within a period of two working days.



### /// WORLDWIDE SERVICE

Your decision to use a product from IKA is also a decision to opt for the excellent technical service provided by IKA in your region. Our team is at your disposal worldwide for service questions. Replacement parts for your IKA laboratory equipment are guaranteed for 10 years.



### /// IKA WARRANTIES

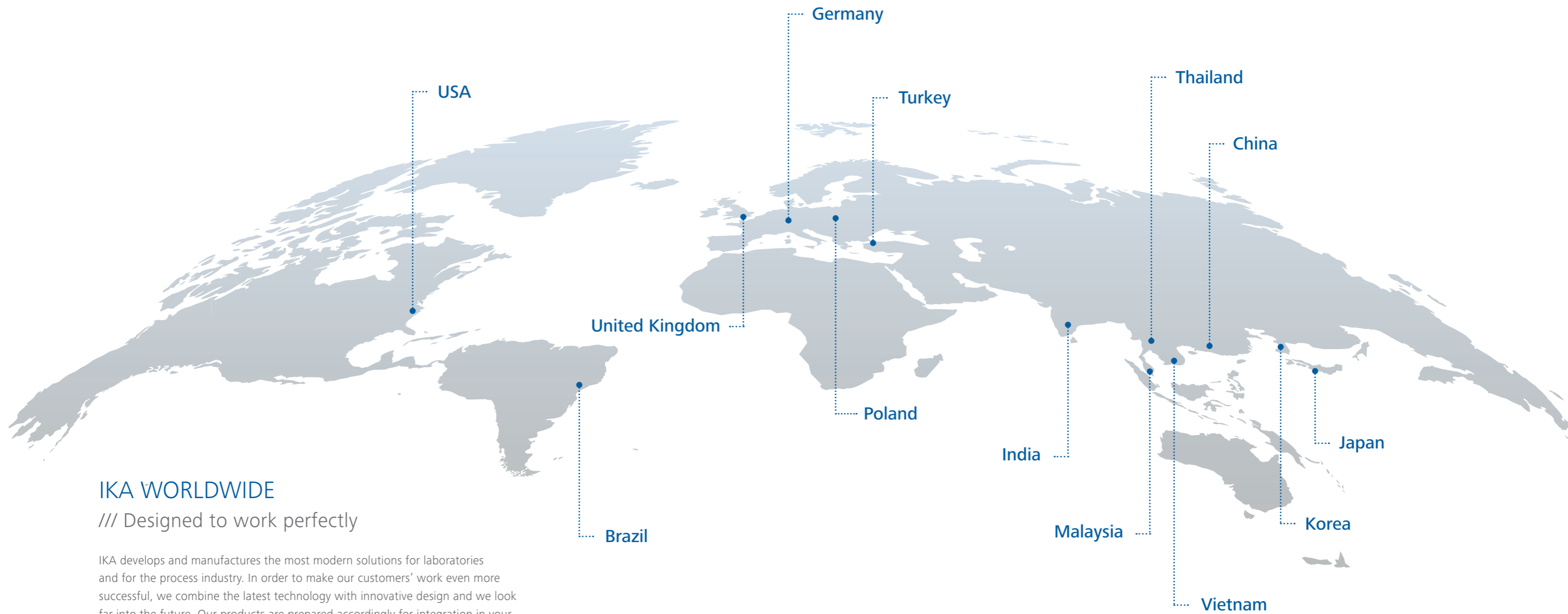
IKA offers generous free warranty extensions if you register your product at [www.ika.com/register](http://www.ika.com/register) directly after purchase. You can normally benefit from a year of additional services (2 + 1). With some equipment we even guarantee several years of warranty extensions:

- > Rotary evaporators and KS 4000 incubation shakers: warranty extension for three years (2 + 3).
- > Viscometers and ElectraSyn 2.0: extension by a full eight years (2 + 8)!
- > For pipettes and calorimeters: a one year warranty plus an additional year following registration (1 + 1).

The free warranty extension can be acquired in just a few clicks at [www.ika.com/register](http://www.ika.com/register).

Any questions? Our service team is at your personal disposal:  
00 8000 4524357 (00 8000 IKAHELP)





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We are a responsibility-aware family company, whilst also being a global player. Over 900 employees make a contribution each and every day to extending our world-leading market position in laboratory, analytical and processing technology.

In our headquarters in Staufen, we have been developing our products and technologies with the collaboration of application experts from the fields of science and industry for over 70 years. From there, they are sold to more than 160 countries. Excellent local service is also provided by our own subsidiaries in the USA, China, Japan, India, Brazil, Korea, Vietnam, Malaysia, the United Kingdom, Poland, Thailand and Turkey.



designed for scientists

EN

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