

# IKA

designed for scientists

EN



## PRODUCT OVERVIEW 2025



## IKA – YOUR RELIABLE LABORATORY PARTNER

/// Elevate your lab experience

Welcome to the world of IKA, where reliability meets innovation. IKA is known for manufacturing laboratory and analytical instruments of the highest quality and is your reliable partner in scientific research.

But our commitment does not end with the production of top-quality products. IKA goes above and beyond, offering a wide range of services worldwide - be it repair, maintenance, on-site installation, calibration, application support or device qualification.

Would you like to be informed even faster about innovations and news for your laboratory? Then subscribe to our newsletter.



Stay up to date:  
[www.ika.com/newsletter](http://www.ika.com/newsletter)

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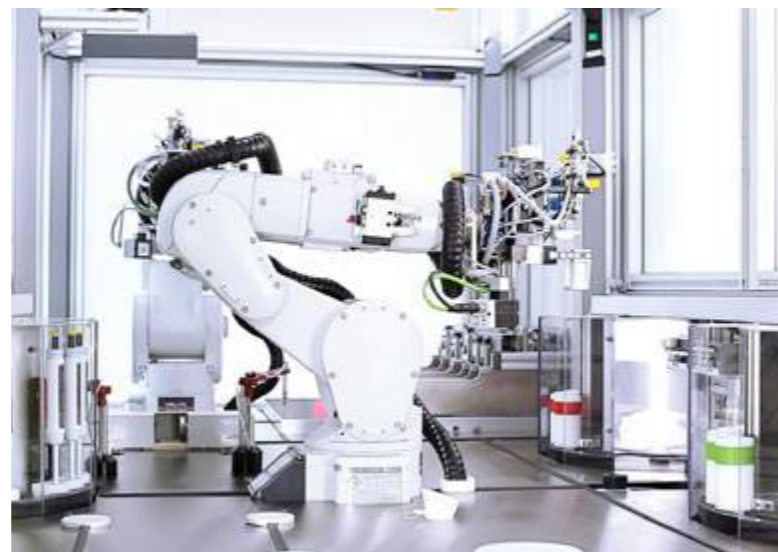
## /// CALIBRATION SERVICES

Ensuring quality and reproducibility: on request, we can calibrate your laboratory devices and document measurement and reference values under specially defined conditions.

If you would like to have your laboratory or analytical device (e.g. ROTAVISC) calibrated regularly, you can benefit from our combined calibration and maintenance agreement. On request, we will provide you with a quotation for regular or even one-off testing adapted to your individual requirements.

### Factory calibration certificates (ISO calibration)

According to DIN EN ISO 9001, we can issue a factory calibration certificate for your new IKA laboratory device. The calibration will be performed by our service department before delivery or at your site. The certificate includes up to two calibration parameters at up to two test points as proof of the main function of the device. Typical calibration parameters for IKA devices are temperature and speed.



### General certificates (2.1, 2.2 or 3.1)

For accessories, surface certificates (according to 3.1) or material certificates (according to 2.2 or 2.1) can be issued if required (with additional effort and costs if necessary).

Please note that acceptance test certificates according to DIN EN 10204 - 3.1 must be ordered together with the respective devices or accessories. In most cases, it is not possible to issue them at a later date. This also applies to FDA or GMP certificates, which you require for some of our products and accessories. Please contact us in this regard before ordering. We will check for you whether the required certificates are available for your order.



## /// QUALIFICATION OF NEW DEVICES

For your application it is essential that the laboratory equipment used meets your technical specification! We prove that this is the case at IKA. In the course of a qualification we use visual, safety and functional test certificates.

### Documents for qualification

The set of documents contains everything you need for your own internal qualification:

- › EU Declaration of Conformity
- › Factory certificate (2.1)
- › Factory calibration certificate according to DIN EN ISO 9001
- › Factory certificate of the devices or accessories
- › Proof or certificates of material (if available)

These documents are a supplement to the factory calibration certificates and verifications and are issued on a product-specific basis prior to delivery.

### IQ/OQ documents

With these documents, we offer assistance for your own, customer-specific validation of individual devices or entire IKA complete solutions.

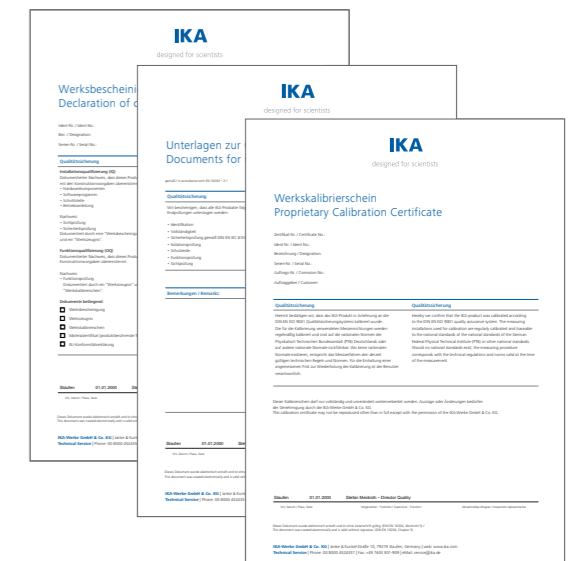
The product-specific documents are prepared individually according to your requirements. These documents consist of detailed descriptions of installation qualifications (IQ) and operation qualifications (OQ).

If you operate different devices as a functional unit, we support you in all application-related questions and prepare individual acceptance documentation.



### Qualification execution (IQ/OQ)

We also commission your new laboratory devices for you and check it personally using the IQ/OQ documents. In this way, we ensure that it meets your specific requirements. For this purpose, we develop an individual validation plan for you. On site, we prove that your laboratory device does exactly what it is supposed to do.



## /// APPLICATION SUPPORT

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

### Customizing Center

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).

### myIKA: even more service

It is only after purchasing a device that the true value of a quality promise becomes apparent. With the "myIKA" login area, we support you and your high-tech solution, whatever may happen. We optimize the already long life of your device and support your daily lab work. myIKA also gets you in touch with the service you require more quickly and easily, and opens up additional offers to you, free of charge. And this is only the beginning. We are working to continually adjust myIKA to meet your requirements.

#### FIRST-CLASS QUALITY, LONG LIFESPAN, PERSONAL SUPPORT

- › All services in one location.
- › Fast device management, for example registration, warranty extensions, or firmware updates.
- › Exclusive additional services, such as calibration and pressure testing.
- › Extension of product life by means of attractive maintenance and repair services.



## /// 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. Availability of replacement parts for your IKA laboratory equipment is guaranteed for 10 years.

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

### IKA warranties

IKA offers generous free warranty extensions if you register your product at [www.ika.com/register](http://www.ika.com/register) within 90 days 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, ElectraSyn 2.0, RCT digital, C-MAG HS 7 control and the MICRO-/MINISTAR series: extension by a full eight years (2+8).
- › For 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).



### Virtual Reality Demo

Our Virtual Reality trainings will help you increase productivity, reduce travel costs and gain insights into our products like never before! You can freely choose between various applications and meet our specialists for remote expert talks directly in the virtual world.



Book your experience now:  
[www.ika.com/vr-demo](http://www.ika.com/vr-demo)



## /// AWARD-WINNING LABORATORY EQUIPMENT

Continuous innovative strength, design quality, global sense of responsibility or regional commitment – IKA receives awards for outstanding performance time and again. Entrepreneurial courage, dynamic processes and a willingness to communicate are the reasons for these successes. And they show us that commitment and perseverance always pay off!



### Red Dot Award 2024 for our new mini dispersers

Alongside the functionality of the devices, design always plays an important role at IKA. Our laboratory devices regularly receive rewards for their aesthetic and ergonomic design. Just in time for their market launch, our new high-performance mini dispersers have been announced as winners of the next Red Dot Design Award. The T 18 mini digital and T 25 mini control from the IKA ULTRA-TURRAX® family received the award within the “Industrial Equipment, Machinery and Automation” category. Once again, this shows how much our devices impress in terms of their design and handling. The panel praised the “conservative design language that blends seamlessly into any laboratory environment”. The new mini dispersers likewise fit into any laboratory, on account of being up to 40 percent smaller and much lighter than comparable devices.

### Innovation in new business areas

Two new business areas highlight IKA’s continued innovative capacity: EV Battery Solutions and BioProcessing Solutions, which offer specialized solutions to help future industries achieve their objectives. In the area of EV Battery Solutions, we support material manufacturers and battery cell producers, making a significant contribution to achieving this transformation. In the area of BioProcessing Solutions, we contribute to achieving top performance in biotechnology. Both areas build on IKA’s proven competencies, which are highly valued by our customers, particularly in the field of mixing technology.



## Global Market Leader – also in 2025

Our excellent innovative strength is also widely acknowledged: studies by the University of St. Gallen, Switzerland have placed IKA in the World Market Leader Index year after year. Once again, we will proudly display the corresponding WirtschaftsWoche seal in 2025, marking the fifth consecutive year.

Since 2012, we have officially been one of the most innovative companies in Germany, as awarded by the TOP 100 Panel and Mentor Ranga Yogeshwar. In 2015, IKA even made the leap to 2nd place in the class of companies with more than 250 employees. With ElectraSyn 2.0, our pioneering product in the field of electrochemicals, IKA was also nominated for the Innovation Prize at ACHEMA 2018 in Frankfurt am Main.



### Naturally sustainable

Our innovative solutions always aim to contribute to increased sustainability. Since 2023, we have been certified by TÜV Süd in accordance with DIN ISO 14001:2015. We also received a positive evaluation from EcoVadis. Furthermore, with our environmental management system, we are continuously working to achieve the next environmental objectives. Environmentally friendly packaging, long product life cycles, continuous project development and redevelopment with improved energy efficiency, and use of more environmentally friendly coolants are just a few examples of our sustainable action.



### Corporate responsibility

In 2023, IKA was once again nominated as part of the medium-sized company award for social responsibility from the German state of Baden-Württemberg (Lea-Mittelstandspreis). Of the numerous applicants, only five companies in each category received this prestigious nomination. In 2013, IKA was honored with first place for its extraordinary contribution with the HANDS FOR CHILDREN aid project. Also in 2013, the Oskar Patzelt Foundation awarded IKA the “Großer Preis des Mittelstandes”: In the Baden-Württemberg state competition, IKA took first place in the industry category.



The time has come for new ergonomic and efficient solutions in life science laboratories. A smarter way of working that remains enjoyable, even under high pressure. That's why IKA has combined over a century of its core competencies into a new generation of bioreactors. With this innovation, we set new standards in mixing, temperature control, automation, safety, and design.

## HABITAT RESEARCH /// The ergonomic bioreactor



▶ Watch HABITAT video



HABITAT Research is the first laboratory bioreactor with a motor size that matches the volume. Its simple handling and short training time make it user-friendly. As the first bioreactor with a lid stand, it ensures ergonomic working and a tidy laboratory. In combination with a circulator, it serves as your fermenter, and with the addition of light panels, it becomes your photobioreactor.

### LID STAND

The lid stand simplifies experiment preparation by eliminating the need to put the lid down. The motor and sensors are securely hooked onto the stand, ensuring all connections are easily accessible and the sensors are protected. Additionally, the entire setup fits neatly into the autoclave.

### CHAOTIC MIXING

In addition to the familiar stirrer control modes, HABITAT features the innovative Chaotic Mode. This mode utilizes the mathematical principles of chaotic-dynamic systems, resulting in a more

homogeneous mixture. You can also choose from three different stirrer geometries: a 6-blade disk stirrer, a 3-blade segment stirrer, and a surface stirrer.

### INDIVIDUAL PID HANDLING

With our bioreactor, you as the admin have full control over PID handling, giving you greater flexibility when scaling growth processes. Additionally, if you change temperature values, the software simulates the consequences to ensure your safety.

### USER-FRIENDLY YET POWERFUL SOFTWARE

Our control software features an intuitive interface for effortless setup and fully automated control of key variables optimizing your bioprocesses.

### ADVANCED SENSORS

Equipped with standard state-of-the-art sensors for temperature, pH, dissolved oxygen (DO), level, and foam, our bioreactor ensures precise monitoring and control. In addition, we offer the widest selection of the latest technology sensors such as CO<sub>2</sub>, turbidity, viable cell mass, and off-gas sensors for your individual process control needs.

### CROSS-PLATFORM INTEGRATION

HABITAT supports cross-platform integration with OPC UA for SCADA systems, and offers USB, Ethernet, and RS-232 interfaces for data connectivity. Free lid ports allow for the addition of specialized components, enhancing versatility.

### FULL SERVICE 24/7

Our commitment to stellar service ensures that you receive comprehensive support at every stage. From initial consultation, to installation, troubleshooting, and ongoing maintenance, our dedicated team is here to provide expert assistance and solutions tailored to your needs.

### HABITAT cell

Price on request  
Ident. No. 0010007533

### HABITAT ferment

Price on request  
Ident. No. 0010007543

### HABITAT cell cct

Price on request  
Ident. No. 0010007573

### HABITAT ferment cct

Price on request  
Ident. No. 0010007585



### HABITAT photo cell

Price on request  
Ident. No. 0010007553

### HABITAT photo ferment

Price on request  
Ident. No. 0010007563

### HABITAT photo cell cct

Price on request  
Ident. No. 0010007595

### HABITAT photo ferment cct

Price on request  
Ident. No. 0010007605



TECHNICAL DATA	HABITAT CELL / CCT HABITAT PHOTO CELL / CCT	HABITAT FERMENT / CCT HABITAT PHOTO FERMENT / CCT
Speed range	1 – 2200 rpm	1 – 2200 rpm
Number of pump heads	4 (Acid, Base, Anti-Foam, Level)	4 (Acid, Base, Anti-Foam, Level)
Pump flow rate	0.3 – 270 ml/min	0.3 – 270 ml/min
Gas flow rate	0.01 – 2 l/min	0.1 – 20 l/m
Number of mass flow controllers (MFC)	4 (Air, O <sub>2</sub> , N <sub>2</sub> , CO <sub>2</sub> )	4 (Air, O <sub>2</sub> , N <sub>2</sub> , CO <sub>2</sub> )
Control parameter	Stirrer, gas flush, liquid feed, off-gas analysis, temperature, pH, DO, foam, level (conductivity, CO <sub>2</sub> , turbidity, light)	Stirrer, gas flush, liquid feed, off-gas analysis, temperature, pH, DO, foam, level (conductivity, CO <sub>2</sub> , turbidity, light)
Interfaces	USB, PC connect, RS232, Ethernet, SU connect, circulator, ext. pump, ext. signal 4...20 mA	USB, PC connect, RS232, Ethernet, SU connect, circulator, ext. pump, ext. signal 4...20 mA
Dimensions (W x H x D)	224 x 624 x 405 mm	224 x 624 x 405 mm

① **HABITAT cell sw 0.5**

Price on request  
Ident. No. 0010007644

② **HABITAT cell dw 0.5**

Price on request  
Ident. No. 0010007645



① **HABITAT cell sw 1**

Price on request  
Ident. No. 0010007646

② **HABITAT cell dw 1**

Price on request  
Ident. No. 0010007647



① **HABITAT cell sw 2**

Price on request  
Ident. No. 0010007648

② **HABITAT cell dw 2**

Price on request  
Ident. No. 0010007649



① **HABITAT cell sw 5**

Price on request  
Ident. No. 0010007650

② **HABITAT cell dw 5**

Price on request  
Ident. No. 0010007651



③ **HABITAT cell dw 10**

Price on request  
Ident. No. 0010007652



TECHNICAL DATA

Vessel type	Single wall, borosilicate glass
Total volume	0.8 l   1.6 l   3 l   6.7 l
Working volume	0.25 – 0.5 l   0.3 – 1 l   0.6 – 2 l   1 – 5 l
Speed range	1 – 1400 rpm   1 – 2000 rpm   1 – 2200 rpm   1 – 1500 rpm
Temperature control	Heating sleeve, RT – 60 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)
Sparger type	Micro sparger, 5 µm
Stirrer type	3-blade segment stirrer
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI

HABITAT CELL SW  
0.5 | 1 | 2 | 5

Vessel type	Single wall, borosilicate glass
Total volume	0.8 l   1.6 l   3 l   6.7 l
Working volume	0.25 – 0.5 l   0.3 – 1 l   0.6 – 2 l   1 – 5 l
Speed range	1 – 1400 rpm   1 – 2000 rpm   1 – 2200 rpm   1 – 1500 rpm
Temperature control	Heating sleeve, RT – 60 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)
Sparger type	Micro sparger, 5 µm
Stirrer type	3-blade segment stirrer
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI

HABITAT CELL DW  
0.5 | 1 | 2 | 5 | 10

Vessel type	Double wall, borosilicate glass
Total volume	0.8 l   1.6 l   3 l   6.7 l   12.9 l
Working volume	0.25 – 0.5 l   0.3 – 1 l   0.6 – 2 l   1 – 5 l   2 – 10 l
Speed range	1 – 1400 rpm   1 – 2000 rpm   1 – 2200 rpm   1 – 1500 rpm   1 – 800 rpm
Temperature control	Thermostat, 5 – 80 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)
Sparger type	Micro sparger, 5 µm
Stirrer type	3-blade segment stirrer
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI

① **HABITAT ferment dw 0.5**

Price on request  
Ident. No. 0010007655

② **HABITAT ferment dw 1**

Price on request  
Ident. No. 0010007657



① **HABITAT ferment sw 2**

Price on request  
Ident. No. 0010007658

② **HABITAT ferment dw 2**

Price on request  
Ident. No. 0010007659

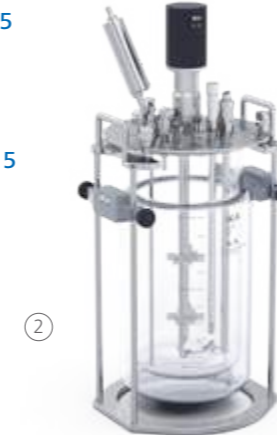


① **HABITAT ferment sw 5**

Price on request  
Ident. No. 0010007660

② **HABITAT ferment dw 5**

Price on request  
Ident. No. 0010007661



**HABITAT ferment dw 10**

Price on request  
Ident. No. 0010007662



TECHNICAL DATA

Vessel type	Single wall, borosilicate glass
Total volume	3 l   6.7 l
Working volume	0.6 – 2 l   1 – 5 l
Speed range	1 – 2200 rpm   1 – 1500 rpm
Temperature control	Heating sleeve + cooling finger + chiller, 5 – 65 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)
Sparger type	Ring sparger, 0.5 mm
Stirrer type	6-blade disc stirrer (rushton)
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI

HABITAT FERMENT SW  
2 | 5

Vessel type	Single wall, borosilicate glass
Total volume	3 l   6.7 l
Working volume	0.6 – 2 l   1 – 5 l
Speed range	1 – 2200 rpm   1 – 1500 rpm
Temperature control	Heating sleeve + cooling finger + chiller, 5 – 65 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)
Sparger type	Ring sparger, 0.5 mm
Stirrer type	6-blade disc stirrer (rushton)
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI

HABITAT FERMENT DW  
0.5 | 1 | 2 | 5 | 10

Vessel type	Double wall, borosilicate glass
Total volume	0.8 l   1.6 l   3 l   6.7 l   12.9 l
Working volume	0.25 – 0.5 l   0.3 – 1 l   0.6 – 2 l   1 – 5 l   2 – 10 l
Speed range	1 – 1400 rpm   1 – 2000 rpm   1 – 2200 rpm   1 – 1500 rpm   1 – 800 rpm
Temperature control	Circulator, 5 – 80 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)
Sparger type	Ring sparger, 0.5 mm
Stirrer type	6-blade disc stirrer (rushton)
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI



Glass vessel, single-wall, for 1 l

Glass vessel, double-wall, for 5 l



Lid stand, for 2 l



Sample flask rack



Autoclavable sample flask holder, 250 ml



Bioreactor lid, complete, for 2 l



Desktop liftable lid stand



Drive shaft, standard coupling, for 2 l



Product	Price
<b>VESSELS</b>	
Glass vessels, single-wall, for 0.5 l, 1 l, 2 l, 5 l	On request
Glass vessels, double-wall, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
<b>STANDS</b>	
Lid stand, for 2 l	On request
Lid stand, for 5 l and 10 l	
Desktop liftable lid stand, for all glass vessels	
Sample flask rack	
Autoclavable sample flask holder, 250 ml	
Vessel holders, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
<b>REACTOR LIDS</b>	
Bioreactor lids, complete, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
<b>DRIVE SHAFTS &amp; MOTORS</b>	
Drive shafts, standard coupling, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
Drive shafts with motor, magnetic coupling, for 0.5 l, 1 l, 2 l, 5 l, 10 l	



Motor, small, for 0.5 l, 1 l and 2 l

Motor, big, for 5 l and 10 l



Temperature sensor, for 10 l

Hamilton ph sensor, for 10 l



Hamilton DO analog sensor, for 1 l

Foam sensor



Fill level sensor, for 5 l

Hamilton redox sensor, for 1 l

Product	Price
<b>DRIVE SHAFTS &amp; MOTORS</b>	
Small motor, standard coupling, for 0.5 l, 1 l and 2 l	On request
Motor, big, for 5 l and 10 l	
<b>SENSORS</b>	
Temperature sensors, for 0.5 l and 1 l, and 2 l, 5 l, 10 l	On request
Hamilton pH sensors, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Hamilton digital ph sensors, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Hamilton DO analog sensors, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Hamilton digital DO sensors, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Hamilton optical DO sensors, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Foam sensor	
Fill level sensors, for 0.5 l to 1 l, and 2 l, 5 l, 10 l	
Mettler turbidity sensors, for 1 l, 2 l, 5 l, 10 l	
sbi biomass sensor	
Attachment straps for sbi biomass sensor	
Cable for sbi biomass sensor, and Gateway box for sbi biomass sensor	
Hamilton cell viability sensors, for 1 l, 2 l, 5 l, 10 l	
Hamilton redox sensors, for 1 l, 2 l, 5 l, 10 l	





Exner biomass sensor, for 1 l



3-pitched blade impellers



6-blade segment impellers



Micro sparger, for 1 l

Ring sparger, for 10 l



Heating blanket, for 2 l

Harvest pipe, for 10 l

Product	Price
<b>SENSORS</b>	
Mettler CO <sub>2</sub> sensors, for 1 l, 2 l, 5 l and 10 l	
Mettler conductivity sensors, for 1 l, 2 l, 5 l, 10 l	
BlueVary sensor main unit	
BlueVary O <sub>2</sub> sensor cartridge	On request
BlueVary CO <sub>2</sub> sensor cartridge	
BlueVary cartridge pressure and humidity	
Exner biomass sensors, 5 mm, 10 mm and 20 mm, for 1 l, 2 l, 5 l, 10 l	
<b>STIRRING ELEMENTS</b>	
3-pitched blade impellers, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
6-blade segment impellers, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
<b>SPARGER</b>	
Micro spargers, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
Ring spargers, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
<b>TEMPERATURE CONTROL</b>	
Heating blankets, for 0.5 l, 1 l, 2 l, 5 l	On request
Cooling fingers, for 2 l, 5 l	
<b>SAMPLE COLLECTION</b>	
Harvest pipes, straight, 6 × 4 mm, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Harvest pipes, straight, 8 × 6 mm, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Harvest pipes, straight, 12 × 10 mm, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
Harvest pipes, straight, 16 × 14 mm, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
Harvest pipes, angled, 6 × 4 mm, for 0.5 l, 1 l, 2 l, 5 l, 10 l	
6-blade segment impellers, for 0.5 l, 1 l, 2 l, 5 l, 10 l	



Baffle, for 5 l



Foam breaker 4-blade, straight, for 5 l



Spin filter, 10 µm – 40 µm, for 1 l – 10 l



Tablet 10.x inch



External peristaltic pump



Condenser with flexible joint



RGB LED light panels

Product	Price
<b>BAFFLE</b>	
Baffles, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
<b>FOAM BREAKER</b>	
Foam breakers 4-blade, straight, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
<b>SPIN FILTER</b>	
Spin filters, 10 µm, for 1 l, 2 l, 5 l, 10 l	On request
Spin filters, 20 µm, for 1 l, 2 l, 5 l, 10 l	
Spin filters, 40 µm, for 1 l, 2 l, 5 l, 10 l	
<b>WEAR SETS</b>	
Wear parts sets, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
<b>OTHER ACCESSORIES</b>	
Tablet, software included	
RGB LED light panels, 2 pieces	
Condenser	
Condenser with flexible joint	
Cable and hose set for single- and double-walled glass vessels	
Sample flasks 250 ml, 500 ml, 1000 ml	On request
Air pump	
External peristaltic pump	
Feeding port	
Port for inoculation	
Syringe set, sterile	
Gravimetric feeding, complete set	

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

Update your ElectraSyn 2.0 firmware on a regular basis to benefit from the latest features



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 4.067,00

Ident. No. 0020008980

Ready-To-Go  
package



### ElectraSyn 2.0 pro Package

EUR 4.780,00

Ident. No. 0040003261



#### ElectraSyn 2.0 Package

Electrosynthesis basic device

Vial holder

Vial, 10 ml complete

2 electrodes (graphite)

Stir plate attachment

Stir bar

#### ElectraSyn 2.0 pro Package

Electrosynthesis basic device

Vial holder

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

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 PACKAGE | PRO PACKAGE

#### ELECTRASYN 2.0 APP

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





Carousel complete



GOGO Module



e-Hive



Fritte Sample Set

Product	Description	Ident. No.	Price
<b>ATTACHMENTS</b>			
Carousel	Attachment for multi measurements	0020017512	EUR 3.402,00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	EUR 4.737,00
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	EUR 4.252,00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	EUR 936,00
Pro-Seal	Vial cap for gas exchange	0040007151	EUR 666,00
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	EUR 1.018,00
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	EUR 319,00
<b>ACCESSORIES PRO-DIVIDE</b>			
Fritte Set, 1 µm	Glass frit, 2 pcs.	0020102632	EUR 111,00
Fritte Set, 5 µm	Glass frit, 2 pcs.	0020102633	EUR 51,00
Fritte Set, 10 µm	Glass frit, 2 pcs.	0020102634	EUR 59,00
Fritte Sample Set	Kit of 1/5/10 µm glass frit, 1 pc. each	0020101403	EUR 108,00
<b>ELECTRODES FOR E-HIVE</b>			
Copper electrode inner	Anode copper (24 pcs.)	0040007427	EUR 534,00
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	EUR 214,00
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	EUR 426,00
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	EUR 930,00
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	EUR 734,00
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	EUR 262,00



Fritte Set



Glass vial 5 ml

Glass vial complete 10 ml



ElectraSyn 2.0 Complete Starter Kit



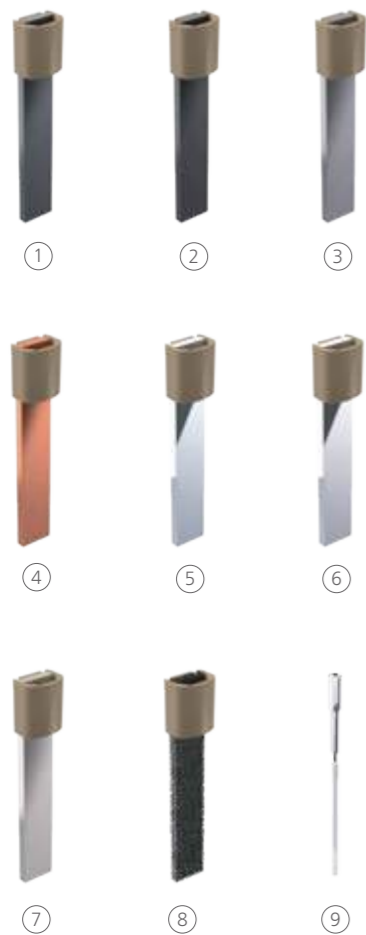
Microvial 1 ml

Microvial 2 ml

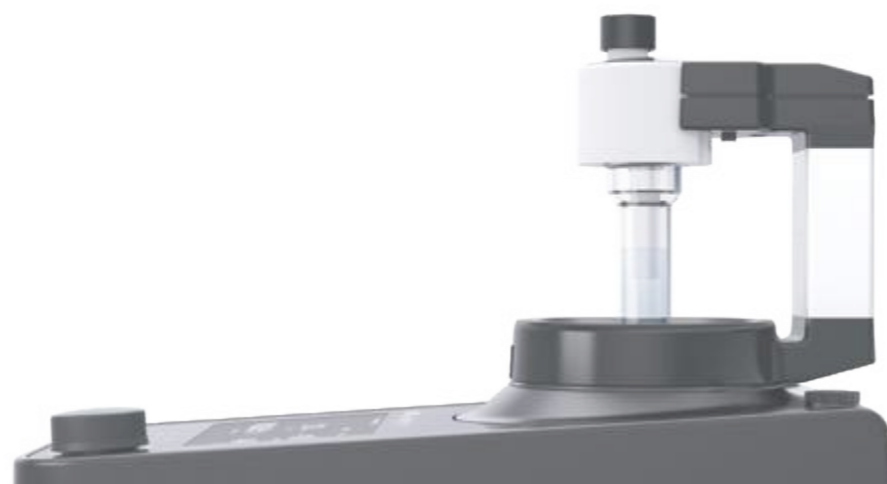


ElectraSyn 2.0 Micro Starter Kit complete

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 194,00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	EUR 180,00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	EUR 181,00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	EUR 439,00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	EUR 299,00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	EUR 324,00
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	EUR 2.291,00
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 1.610,00
ElectraSyn 2.0 Vials only Kit	Kit of 10 × 5 ml, 10 × 10 ml, 10 × 20 ml vials	0010003811	EUR 1.062,00
ElectraSyn 2.0 Complete Starter Kit	Kit of 5 ml, 10 ml, 20 ml vials complete; 10 spare vials of each volume; 9 electrodes (each 12 pcs., glassy carbon 2 pcs.)	0040004013	EUR 3.897,00
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	EUR 714,00
<b>MICROVIALS / MICROELECTRODES</b>			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	EUR 241,00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	EUR 241,00
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	EUR 626,00
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	EUR 618,00
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	EUR 3.366,00
ElectraSyn 2.0 microvials only	Kit 10 × 1 ml, 10 × 2 ml vials	0040004103	EUR 1.244,00
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	EUR 1.726,00
ElectraSyn 2.0 Micro Starter Kit complete	Kit of 1 ml and 2 ml vials complete; 10 spare vials of each volume; 8 electrodes (each 12 pcs., glassy carbon 2 pcs.)	0040004015	EUR 4.849,00



Product	Ident. No.	Price
<b>ELEKTRODEN</b>		
① Electrode graphite (12 pcs.)	0040002858	EUR 255,00
② Electrode glassy carbon (2 pcs.)	0040002842	EUR 192,00
Electrode lead bronze (2 pcs.)	0020016076	EUR 194,00
Electrode lead (12 pcs.)	0040002843	EUR 477,00
Electrode tungsten (2 pcs.)	0040002845	EUR 486,00
③ Electrode niobium (2 pcs.)	0040002846	EUR 181,00
④ Electrode copper (12 pcs.)	0040002847	EUR 132,00
Electrode magnesium (12 pcs.)	0040002848	EUR 467,00
Electrode titanium (12 pcs.)	0040002849	EUR 432,00
Electrode zinc (12 pcs.)	0040002850	EUR 432,00
Electrode stainless steel (12 pcs.)	0040002851	EUR 118,00
⑤ Electrode CV Platinum (2 pcs.)	0040002852	EUR 170,00
Electrode platinum foil (2 pcs.)	0040005015	EUR 848,00
Electrode platinum on ceramics (2 pcs.)	0040006753	EUR 468,00
Electrode gold plated (2 pcs.)	0040002853	EUR 435,00
⑥ Electrode silver plated (2 pcs.)	0040002854	EUR 141,00
Electrode aluminum (12 pcs.)	0040003174	EUR 257,00
Electrode boron doped diamond (2 pcs.)	0040002856	EUR 754,00
Electrode tin (12 pcs.)	0040002857	EUR 453,00
⑦ Electrode nickel (12 pcs.)	0040002859	EUR 298,00
⑧ Electrode RVC foam (12 pcs.)	0040002860	EUR 429,00
Electrode nickel foam (12 pcs.)	0040002861	EUR 105,00
Electrode cobalt (2 pcs.)	0040003385	EUR 120,00
⑨ Electrode reference (1 pc.)	0040002865	EUR 309,00
Electrode CV glassy carbon (1 pc.)	0040002863	EUR 170,00



Product	Ident. No.	Price
<b>MICROELECTRODES</b>		
① Microelectrode aluminum (12 pcs.)	0040004029	EUR 126,00
Microelectrode boron-doped diamond (2 pcs.)	0040004036	EUR 1.066,00
② Microelectrode cobalt (2 pcs.)	0040004039	EUR 182,00
③ Microelectrode copper (12 pcs.)	0040004027	EUR 305,00
④ Microelectrode glassy carbon (2 pcs.)	0040004022	EUR 235,00
⑤ Microelectrode gold (2 pcs.)	0040004034	EUR 305,00
Microelectrode graphite SK-50 (12 pcs.)	0040004021	EUR 309,00
Microelectrode lead (12 pcs.)	0040004028	EUR 1.264,00
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	EUR 329,00
Microelectrode magnesium (12 pcs.)	0040004025	EUR 756,00
Microelectrode nickel (12 pcs.)	0040004023	EUR 971,00
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	EUR 137,00
⑧ Microelectrode niobium (2 pcs.)	0040004032	EUR 308,00
Microelectrode silver (2 pcs.)	0040004035	EUR 105,00
Microelectrode stainless steel (12 pcs.)	0040004024	EUR 217,00
Microelectrode tin (12 pcs.)	0040004037	EUR 850,00
⑨ Microelectrode titanium (12 pcs.)	0040004033	EUR 741,00
Microelectrode tungsten (2 pcs.)	0040004031	EUR 139,00
Microelectrode zinc (12 pcs.)	0040004026	EUR 741,00

### Screening System Package (8 cells)

EUR 14.581,00

Ident. No. 0040003642



### Screening System Package (6 cells)

EUR 15.843,00

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
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##### 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.

#### Screening System Package (8 cells)

Reaction block
Single Cells
Aluminum block
IKA Plate (RCT digital)
Magnetic stirrer, including PT 1000 temperature sensor
Crown stirrer 8 pcs.
Cable Set with crocodile clamps
Step-up transformer

#### Screening System Package (6 cells)

Reaction block
Divided Cell
Aluminum block
IKA Plate (RCT digital)
Magnetic stirrer, including PT 1000 temperature sensor
Crown stirrer 12 pcs.
Cable Set with crocodile clamps
Step-up transformer



Reaction block with 6 divided cells



Reaction block with 8 undivided cells



Divided cell



#### LABORATORY SOFTWARE labworldsoft® 6 Screening System

EUR 1.322,00

Ident. No. 0020023690

Product	Ident. No.	Price
<b>ACCESSORIES SCREENING SYSTEM</b>		
Reaction block with 6 divided cells	0020015936	EUR 2.723,00
Reaction block with 8 undivided cells	0020015943	EUR 1.498,00
Set of reaction cells (6 divided cells)	0040003647	EUR 2.450,00
Set of reaction cells (8 undivided cells)	0040003648	EUR 1.225,00
SC.MF Manifold	0020110119	EUR 229,00
SC.MF.CP.UDIV Manifold cap, for undivided cells	0020110375	EUR 199,00
SC.MF.CP.DIV Manifold cap, for divided cells	0020110376	EUR 193,00
<b>ELECTRODES</b>		
Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	EUR 5.305,00
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	EUR 1.315,00
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	EUR 226,00
Electrode 0.7 platinum (8 pcs.)	0040003678	EUR 807,00
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	EUR 478,00
Electrode 0.7 gold (8 pcs.)	0040003934	EUR 511,00
Electrode 0.7 silver (8 pcs.)	0040003938	EUR 396,00
Electrode 0.7 nickel foam (16 pcs.)	0040003935	EUR 109,00
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	EUR 905,00
Electrode 0.7 nickel (16 pcs.)	0040003671	EUR 616,00
Electrode 0.7 stainless steel (8 pcs.)	0040003672	EUR 341,00
Electrode 0.7 lead (16 pcs.)	0040003673	EUR 671,00
Electrode 0.7 lead bronze (8 pcs.)	0040003674	EUR 441,00
Electrode 0.7 copper (8 pcs.)	0040003675	EUR 292,00
Electrode 0.7 magnesium (16 pcs.)	0040003677	EUR 616,00
Electrode 0.7 zinc (16 pcs.)	0040003680	EUR 581,00
Electrode 0.7 aluminium (16 pcs.)	0040003682	EUR 725,00
Electrode 0.7 cobalt (8 pcs.)	0040003933	EUR 419,00
Electrode 0.7 niobium (8 pcs.)	0040003936	EUR 384,00
Electrode 0.7 tin (8 pcs.)	0040003939	EUR 333,00
Electrode 0.7 titanium (8 pcs.)	0040003940	EUR 306,00
Electrode 0.7 tungsten (8 pcs.)	0040003941	EUR 441,00
Electrode 0.7 RVC (16 pcs.)	0040003937	EUR 534,00
Electrode 0.7 Sampler Kit incl. 7 × 2 electrodes*	0040004509	EUR 1.962,00
Electrode 0.7 Starter Kit incl. 9 × 1 electrode**	0040003646	EUR 6.027,00
<b>FURTHER ACCESSORIES</b>		
Electrode 0.7 power supply	0040003604	EUR 5.444,00
SC 1.1 Cable (1 – 4)	0040003663	EUR 179,00
SC 1.2 Cable (5 – 8)	0020018590	EUR 179,00
SC 2.1 Crocodile clip for cable set	0040003630	EUR 36,00
labworldsoft® 6 Screening System	0020023690	EUR 1.322,00

\*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 5.788,00

Ident. No. 0020100742



#### IKA FLOW System Package

- 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 101,00
CDR.PP standard	Disc reactor set, polypropylene, standard, 2 pcs.	0020102637	EUR 101,00
CDR.PVDF narrow	Disc reactor set, polyvinylidene difluoride, narrow, 2 pcs.	0020102706	EUR 219,00
CDR.PVDF standard	Disc reactor set, polyvinylidene difluoride, standard, 2 pcs.	0020102638	EUR 219,00

##### MIXING CHIPS

MX.PP	Mixing chip set, polypropylene	0020103092	EUR 64,50
MX.PVDF	Mixing chip set, polyvinylidene difluoride	0020103093	EUR 138,00

##### OTHER ACCESSORIES

Heating Block	Heating block for up to four disc reactors	0020103369	EUR 231,00
Capillary Set	Capillary set, 4 pcs.	0020103091	EUR 251,00



CDR.PP narrow



CDR.PVDF standard



MX.PP



MX.PVDF



Heating Block



Capillary Set

Almost everything about this mixing expert is new. IKA TWISTER can be transformed from a single-position to a multi-position magnetic stirrer. With one attachment, it stirs even the smallest volumes reliably. With another, it becomes a vortex shaker with numerous attachments.

## IKA TWISTER

/// From magnetic stirrer to shaker and back



reddot winner 2022

### THE TRANSFORMER

First, the small, elegant plate on your lab bench is a magnetic stirrer that packs a punch. Because it easily manages 3000 revolutions and can reliably stir even the smallest volumes. And then a single attachment turns it into a shaker. At only low additional cost and without taking up any extra space. And because IKA TWISTER is so clever, it even becomes a multi-position magnetic stirrer in no time at all: You can connect up to 30 units together in any desired clusters. That's up to 270 stirring positions for the smallest volumes.

### NEW OPERATING CONCEPT AND INNOVATIVE DISPLAY

IKA TWISTER enables a new type of interaction between user and laboratory device: all information is intuitively displayed via the 360° LED circle display without any alpha-numerical display. Mixing can be started via the touch display or, thanks to beaker recognition, by placing or touching the beaker or attachment.

### /// UNIVERSAL MIXING DRIVE

#### IKA TWISTER SET 1

EUR 437,00  
Ident. No. 0020027010



#### IKA TWISTER SET 2

EUR 816,00  
Ident. No. 0020027388



#### IKA TWISTER SET 3

EUR 1.208,00  
Ident. No. 0020027389



#### IKA TWISTER SET 4

EUR 1.588,00  
Ident. No. 0020027390



TECHNICAL DATA	IKA TWISTER SET 1	IKA TWISTER SET 2	IKA TWISTER SET 3	IKA TWISTER SET 4
Number of stirring positions	1	2	3	4
Stirring quantity min. / max. per stirring position (H <sub>2</sub> O)	0.005 l / 5 l	0.005 l / 5 l	0.005 l / 5 l	0.005 l / 5 l
Direction of rotation	right / left	right / left	right / left	right / left
Speed range	100 – 3000 rpm	100 – 3000 rpm	100 – 3000 rpm	100 – 3000 rpm
Intermittent mode	Yes	Yes	Yes	Yes
Viscosity trend measurement	Yes	Yes	Yes	Yes
Vessel detection	Yes	Yes	Yes	Yes
Set-up plate material	glass	glass	glass	glass
Set-up plate dimensions	124 × 124 mm	124 × 124 mm	124 × 124 mm	124 × 124 mm
Dimensions (W × H × D)	135 × 24 × 135 mm	135 × 24 × 135 mm	135 × 24 × 135 mm	135 × 24 × 135 mm
Protection class according to DIN EN 60529	IP 66	IP 66	IP 66	IP 66



TW.IX

TW.IX.28



TW.VX

STICKMAX II



MS 3.1

MS 1.21



MS 1.31

MS 1.32



MS 3.5



TW.PWR.2

MS 1.32

Product	Description	Ident. No.	Price
<b>IKA TWISTER ACCESSORIES</b>			
IKA TWISTER Add-on unit	Magnetic stirrer, without power supply	0020112621	EUR 396,00
TW.IX	Stirring attachment, 9 positions	0020103426	EUR 308,00
TW.VX	Shaking attachment	0020110145	EUR 247,00
TW.IX.28	Vessel holder for jars (28 mm)	0020112966	EUR 61,00
TW.IX.23	Vessel holder for jars (23 mm)	0020112965	EUR 61,00
STICKMAX II	Universal adhesive mat for IKA TWISTER	0020112736	EUR 44,50
TW.IX.ANTISLIP	Anti-slip mat for TW.IX	0020111461	EUR 12,40
<b>UNIVERSAL ATTACHMENTS AND BASIC HOLDERS</b>			
MS 3.3	Universal attachment	0003426600	EUR 21,50
<b>TUBE INSERTS</b>			
MS 3.1	Standard attachment	0003426300	EUR 21,50
MS 1.21	One-hand insert	L001540	EUR 30,50
MS 1.30	Attachment for 0.5 ml tubes	0025005776	EUR 64,00
MS 1.31	Test tube insert, 14 × Ø 10 mm	L001840	EUR 66,50
MS 1.32	Test tube insert, 6 × Ø 12 mm	L001850	EUR 66,50
MS 1.33	Test tube insert, 4 × Ø 16 mm	L001860	EUR 66,50
MS 1.34	Test tube insert	L001830	EUR 32,50
<b>MICROTITER PLATE AND PCR ATTACHMENTS</b>			
MS 3.4	Microtiter plate attachment	0003426400	EUR 66,50
MS 3.5	PCR plate attachment, 96-well	0003428000	EUR 66,50
<b>STIRRING BARS, PTFE COATED, POWER</b>			
IKAFLON 10 power ellipse	Magnetic stirring bar, ellipse, rare earth, 6 × 10 mm, 5 pcs.	0020110607	EUR 26,00
IKAFLON 15 power ellipse	Magnetic stirring bar, ellipse, rare earth, 10 × 15 mm, 5 pcs.	0020110747	EUR 38,00
IKAFLON 25 power ellipse	Magnetic stirring bar, ellipse, rare earth, 14 × 25 mm, 5 pcs.	0020110748	EUR 50,00
<b>POWER SUPPLY AND DATA CABLES</b>			
TW.PWR.0	Power supply incl. device plug (≤ 2 devices)	0020121797	EUR 76,50
TW.PWR.1	Power supply ≤ 4 devices	0025005565	EUR 61,00
TW.PWR.2	Power supply ≤ 4 units	0020116436	EUR 132,00
TW.CABLE	Extension cable 0.5 m	0020025856	EUR 39,00



Watch IKA TWISTER video



We believe that even a laboratory classic can always be made better: The magnetic stirrer was invented more than seven decades ago, but never before have the world's best-selling stirrers been as powerful, energy-efficient, safe and durable as IKA's modern magnetic stirrers. We have developed devices for mixing tasks in a wide range of volumes and viscosities, with and without heating function and even for multiple syntheses in up to 36 vessels simultaneously.

## RCT basic

### /// Bestseller reloaded

Here comes the new one: RCT basic is a classic among magnetic stirrers and is launched on the market in an updated version tested by TÜV SÜD. It is even safer and more robust than its predecessor and is equipped with numerous new features



▶ Watch RCT video

#### EVEN MORE SAFETY

In accordance with the DIN EN 61010-2-010 standard, RCT basic meets all safety requirements for laboratory equipment for heating substances. The unit monitors all safety-relevant components and is therefore suitable for unattended operation. User safety is guaranteed even if individual components fail. As a consequence, RCT basic not only carries the CE certification, but has also been tested and certified by TÜV SÜD.

#### NEW FEATURES

The new RCT basic offers a USB and RS232 interface and can be integrated into labworld-soft® 6 laboratory software, for example, for digital networking, monitoring and control.

In addition, RCT basic has an improved fast temperature control. Compared to the previous model, the operating temperature range has been extended: a connected external sensor can display temperatures down to -20 °C. Operation at these low temperatures is possible without restriction, as is use under typical ambient conditions in the chemical industry

#### PROVEN FEATURES REMAIN

Of course, the new RCT basic also has a long service life, a powerful motor and a strong magnetic connection. And by meeting all safety standards, it is of course also suitable for unattended operation.

### /// MAGNETIC STIRRERS WITH GLASS SURFACE

#### RCT basic

EUR 1.004,00

Ident. No. 0025005927



#### IKA Plate (RCT digital)

EUR 1.172,00

Ident. No. 0025004601



#### RCT basic ready-to-go Solution

EUR 1.037,00

Ident. No. 0010011525

#### RCT basic Synthesis Solution 250

EUR 1.306,00

Ident. No. 0010011505

#### RCT basic ETS-D5 Solution

EUR 1.367,00

Ident. No. 0010011496

#### RCT basic Synthesis Solution 500

EUR 1.324,00

Ident. No. 0010011502

#### RCT basic Synthesis Solution 1000

EUR 1.384,00

Ident. No. 0010011508

Further package information on page 163



TECHNICAL DATA	RCT BASIC	IKA PLATE (RCT DIGITAL)
Stirring quantity max. (H <sub>2</sub> O)	20 l	20 l
Direction of rotation	right	right / left
Speed range	50 – 1500 rpm	50 – 1500 rpm
Heat output	600 W	600 W
Heating temperature	RT + device self heating – 340 °C	RT + device self heating – 310 °C
Set-up plate material	Aluminium alloy	Aluminium alloy
Set-up plate dimensions	Ø 135 mm	Ø 135 mm
Dimensions (W × H × D)	160 × 85 × 270 mm	160 × 85 × 270 mm
Protection class according to DIN EN 60529	IP 42	IP 42
Interfaces	USB, RS 232	USB, RS 232

**RCT 5 digital**  
 EUR 1.201,00  
 Ident. No. 0020002704

850 W  
 Power



**C-MAG HS 7 control**  
 EUR 1.201,00  
 Ident. No. 0020002694



① **C-MAG HS 4 digital**  
 EUR 857,00  
 Ident. No. 0004240200

①



① **C-MAG HS 4**  
 EUR 689,00  
 Ident. No. 0003581000

② **C-MAG HS 7**  
 EUR 755,00  
 Ident. No. 0003581200

③ **C-MAG HS 10**  
 EUR 1.033,00  
 Ident. No. 0003581400

②



C-MAG HS 7 Package EUR 1.188,00  
 0009015900

C-MAG HS 7 Magnetic Stirrer with heating and ceramic plate

ETS-D5 Electronic contact thermometer

H 38 Holding rod

H 44 Boss head clamp

H 16 V Support rod

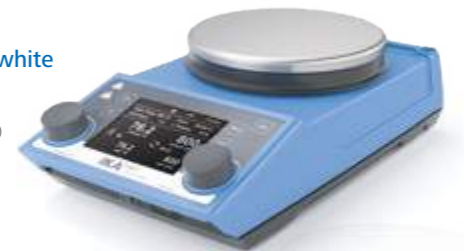
TECHNICAL DATA	RCT 5 DIGITAL	C-MAG HS 7 CONTROL	C-MAG HS 4   7   10 DIGITAL	C-MAG HS 4   7   10
Stirring quantity max. (H <sub>2</sub> O)	20 l	20 l	5 l   10 l   15 l	5 l   10 l   15 l
Speed range	50 – 1500 rpm	50 – 1500 rpm	100 – 1500 rpm	100 – 1500 rpm
Heat output	850 W	1000 W	250 W   1000 W   1500 W	250 W   1000 W   1500 W
Heating temperature	RT + device self heating – 310 °C	RT + device self heating – 500 °C	50 – 500 °C	50 – 500 °C
Set-up plate material	Aluminum with ceramic coating	Ceramic	Ceramic	Ceramic
External Temperature control	137 × 137 mm	180 × 180 mm	PT 1000	–   ETS-D5   ETS-D5
Dimensions (W × H × D)	160 × 85 × 270 mm	220 × 88 × 354 mm	150 × 105 × 260 mm 215 × 105 × 330 mm 300 × 105 × 415 mm	150 × 105 × 260 mm 220 × 105 × 335 mm 300 × 105 × 415 mm
Protection class according to DIN EN 60529	IP 42	IP 21	IP 21	IP 21

**RET basic**  
 EUR 1.512,00  
 Ident. No. 0003622000



① **RET control-visc**  
 EUR 1.894,00  
 Ident. No. 0005020000

①



② **RET control-visc white**  
 EUR 1.954,00  
 Ident. No. 0005030000

②



Weighing function & pH measurement

① **RH basic**  
 EUR 689,00  
 Ident. No. 0005019700

①



② **RH basic white**  
 EUR 771,00  
 Ident. No. 0005029700

③ **RH basic 2**  
 EUR 480,00  
 Ident. No. 0003339000

① **RH digital**  
 EUR 826,00  
 Ident. No. 0005019800

①



② **RH digital white**  
 EUR 899,00  
 Ident. No. 0004678000

TECHNICAL DATA	RET BASIC	RET CONTROL-VISC   WHITE	RH BASIC   BASIC WHITE   RH BASIC 2	RH DIGITAL   DIGITAL WHITE
Stirring quantity max. (H <sub>2</sub> O)	20 l	20 l	15 l   10 l	15 l
Speed range	50 – 1700 rpm	50 – 1700 rpm	100 – 2000 rpm	100 – 2000 rpm
Heat output	600 W	600 W	600 W   400 W	600 W
Heating temperature	RT + device self heating – 340 °C	RT + device self heating – 340 °C	50 – 320 °C Room temp. °C – 320 °C	50 – 320 °C
Set-up plate material	Stainless steel 1.4301	Stainless steel 1.4301 I Coated	Stainless steel 1.4301 RH basic white: coated	Stainless steel 1.4301 RH digital white: coated
Connection for ext. temperature sensor	PT 1000	PT 1000	ETS-D5   ETS-D5   –	ETS-D5
Dimensions (W × H × D)	160 × 95 × 270 mm	160 × 85 × 270 mm	160 × 100 × 250 mm 168 × 105 × 220 mm	160 × 100 × 250 mm
Protection class according to DIN EN 60529	IP 42	IP 42	IP 21	IP 21

/// MULTI-POSITION MAGNETIC STIRRER

① **RO 5**  
EUR 1.686,00  
Ident. No. 0003690500

Adjustable reverse operation

② **RO 10**  
EUR 1.946,00  
Ident. No. 0003691000

③ **RO 15**  
EUR 2.720,00  
Ident. No. 0003692500



① **RT 5**  
EUR 2.855,00  
Ident. No. 0003690600

Multi-position hotplate stirrer, for synchronous heating and stirring

② **RT 10**  
EUR 3.769,00  
Ident. No. 0003691100

③ **RT 15**  
EUR 4.740,00  
Ident. No. 0003692600



/// INDUSTRIAL MAGNETIC STIRRER

① **Midi MR 1 digital**  
EUR 4.139,00  
Ident. No. 0025002968

② **Maxi MR 1 digital**  
EUR 4.540,00  
Ident. No. 0025002978



**I-MAG**  
Industrial magnetic stirrer  
EUR 4.118,00  
Ident. No. 0020014226



TECHNICAL DATA	RO 5   RO 10   RO 15	RT 5   RT 10   RT 15	MIDI MR 1 DIGITAL   MAXI MR 1 DIGITAL	I-MAG
Stirring quantity max. (H <sub>2</sub> O)	0.4 l per stirring position	0.4 l per stirring position	50 l   150 l	300 l
Speed range	0 – 1200 rpm	0 – 1000 rpm	0 – 1000 rpm 0 – 600 rpm	100 – 1500 rpm
Heating temperature range	–	RT – 120 °C	–	–
Set-up plate material	Stainless steel 1.4301	Aluminium alloy	Stainless steel 1.4301	Stainless steel 1.4301
Set-up plate dimensions	120 × 470 mm 190 × 470 mm 280 × 470 mm	110 × 495 mm 180 × 495 mm 270 × 495 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	120 × 60 × 610 mm 190 × 60 × 610 mm 280 × 60 × 610 mm	360 × 110 × 430 mm 505 × 110 × 585 mm	260 × 70 × 300 mm
Protection class according to DIN EN 60529	IP 40	IP 40	IP 21	IP 64 / IP 22

① **topolino**  
EUR 144,00  
Ident. No. 0003368000

② **topolino mobil**  
EUR 343,00  
Ident. No. 0003381300

③ **Mini MR standard**  
EUR 295,00  
Ident. No. 0025004132



**KMO 3 basic**  
EUR 777,00  
Ident. No. 0020004631



Illuminated, flat stirring plate



**IKA myPlate**  
EUR 414,00  
Ident. No. 0025005156

Design the set-up plate yourself



① **lab disc white**  
EUR 377,00  
Ident. No. 0003907500

② **color squid white**  
EUR 414,00  
Ident. No. 0003671000

③ **big squid white**  
EUR 414,00  
Ident. No. 0003672000



① **C-MAG MS 4**  
EUR 642,00  
Ident. No. 0003582200

② **C-MAG MS 7**  
EUR 706,00  
Ident. No. 0003582400

③ **C-MAG MS 10**  
EUR 965,00  
Ident. No. 0003582600



TECHNICAL DATA	TOPOLINO   MINI MR STANDARD	KMO 3 BASIC   IKA MYPLATE	LAB DISC	C-MAG MS 4   7   10
Stirring quantity max. (H <sub>2</sub> O)	0.25 l   1 l	5 l   1.5 l	0.8 l	5 l   10 l   15 l
Speed range	500 – 1800 rpm   0 – 2500 rpm	10 – 1500 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	140 × 120 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	153 × 62.5 × 227 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 42   IP 54	IP 65	IP 21



Product	Ident. No.	Price
<b>TEMPERATURE SENSORS</b>		
<b>Stainless steel</b>		
PT 1000.60	0003516800	EUR 165,00
PT 1000.80	0004443000	EUR 175,00
PT 100.70	0020000440	EUR 160,00
<b>Glass-coated</b>		
PT 1000.70	0003736000	EUR 182,00
PT 100.51	0002600300	EUR 363,00
<b>SafeCoat (PFA, PTFE)</b>		
PT 1000.90	0004480600	EUR 234,00
PT 100.53	0004499700	EUR 370,00
<b>Dual</b>		
PT 1000.50	0003367600	EUR 363,00
PT 1000.51	0003377700	EUR 419,00

**ELECTRONIC CONTACT THERMOMETERS**

ETS-D5	0003378000	EUR 477,00
ETS-D6	0003378100	EUR 702,00

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

H 62.51	0002735451	EUR 240,00
H 66.51, glass coated	0002735551	EUR 350,00
H 66.53, coated	0004499900	EUR 281,00
H 70, extension cable	0002735600	EUR 243,00



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 182,00
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	EUR 324,00
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	EUR 87,50
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	EUR 87,50
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	EUR 87,50
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	EUR 87,50
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	EUR 87,50
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	EUR 87,50
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	EUR 87,50
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	EUR 87,50



Square carrier with handle: H 135.11



H 135.104



Flask carrier with handle: H 135.21



Flask carrier without handle: H 135.25



Inlay: H 135.301



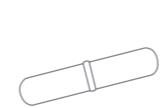
Inlay: H 135.401



Inlay: H 135.501

Product	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 155,00
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	EUR 296,00
H 135.201 Flask inlay 10 ml	–	33.8 mm	0025000636	EUR 87,50
H 135.202 Flask inlay 25 ml	–	43.8 mm	0025000637	EUR 87,50
H 135.203 Flask inlay 50 ml	–	52.8 mm	0025000638	EUR 87,50
<b>250 ML FLASK HEATING BLOCK SERIES</b>				
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	EUR 198,00
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	EUR 338,00
<b>500 ML FLASK HEATING BLOCK SERIES</b>				
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	EUR 212,00
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	EUR 350,00
H 135.301 Flask inlay 100 ml	–	66.3 mm	0025000641	EUR 87,50
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	EUR 87,50
<b>1000 ML FLASK HEATING BLOCK SERIES</b>				
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	–	0025000833	EUR 265,00
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	–	0004448500	EUR 407,00
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	EUR 155,00
<b>2000 ML FLASK HEATING BLOCK SERIES</b>				
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	–	0025000834	EUR 365,00
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	–	0004448600	EUR 504,00
H 135.501 Flask inlay 1000 ml	–	131.8 mm	0025000645	EUR 224,00

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 10,80	10 cross (5 pcs.)	10 × 10 mm	0004496200	EUR 18,60
15 round (5 pcs.)	15 × 6 mm	0004488700	EUR 12,10	20 cross (5 pcs.)	20 × 20 mm	0004496400	EUR 27,00
20 round (5 pcs.)	20 × 8 mm	0004488800	EUR 14,70	25 cross (5 pcs.)	25 × 25 mm	0004496600	EUR 30,00
25 round (5 pcs.)	25 × 8 mm	0004488900	EUR 17,40	30 cross (5 pcs.)	30 × 30 mm	0004496800	EUR 38,00
30 round (5 pcs.)	30 × 8 mm	0004489000	EUR 17,40	38 cross (5 pcs.)	38 × 38 mm	0004497000	EUR 47,00
40 round (5 pcs.)	40 × 8 mm	0004489100	EUR 18,60	<b>IKAFLON® BONE PTFE-COATED</b>			
50 round (5 pcs.)	50 × 8 mm	0004489200	EUR 20,50	37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	EUR 68,00
80 round (5 pcs.)	80 × 10 mm	0004489300	EUR 51,00	54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	EUR 82,00
110 round (1 pc.)	108 × 27 mm	0000793300	EUR 123,00	<b>IKAFLON® BEAKER PTFE-COATED</b>			
155 round (1 pc.)	153 × 27 mm	0001129000	EUR 138,00	74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	EUR 388,00
<b>IKAFLON® ROUND GLASS-COATED</b>				<b>IKAFLON® CROWN PTFE-COATED</b>			
25 round (5 pcs.)	25 × 6 mm	0004492200	EUR 35,00	9 crown (5 pcs.)	9 × 6 mm	0004498400	EUR 16,10
40 round (5 pcs.)	40 × 8 mm	0004492600	EUR 35,00	<b>TRIKA® PTFE-COATED</b>			
50 round (5 pcs.)	50 × 8 mm	0004492800	EUR 37,00	25 Trika (5 pcs.)	25 × 8 mm	0004499300	EUR 16,10
<b>IKAFLON® SLIDE ROUND</b>				35 Trika (5 pcs.)	35 × 9 mm	0004499400	EUR 27,00
25 slide (5 pcs.)	25 × 6 mm	0004493800	EUR 14,70	55 Trika (5 pcs.)	55 × 14 mm	0004499500	EUR 40,00
30 slide (5 pcs.)	30 × 6 mm	0004494000	EUR 14,70	80 Trika (5 pcs.)	80 × 17 mm	0004499600	EUR 55,50
40 slide (5 pcs.)	40 × 8 mm	0004494200	EUR 28,00	<b>SET OF MAGNETIC STIRRING BARS</b>			
50 slide (5 pcs.)	50 × 8 mm	0004494400	EUR 31,00	RS 1		0001358600	EUR 143,00
<b>IKAFLON® POWER</b>				RS 2		0004499100	EUR 163,00
20 power (5 pcs.)	20 × 6 mm	0004493000	EUR 35,00	<b>STIRRING BAR REMOVER</b>			
30 power (5 pcs.)	30 × 6 mm	0004493200	EUR 51,00	RSE	Stirring bar remover	0001293100	EUR 93,00
50 power (5 pcs.)	50 × 8 mm	0004493400	EUR 62,00	<b>IKAFLON® ELLIPSE PTFE-COATED</b>			
<b>IKAFLON® ELLIPSE PTFE-COATED</b>				20 ellipse (5 pcs.)	20 × 10 mm	0004494600	EUR 24,00
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	EUR 27,00	25 ellipse (5 pcs.)	25 × 16 mm	0004495000	EUR 35,00
30 ellipse (5 pcs.)	32 × 16 mm	0004495200	EUR 43,50	35 ellipse (5 pcs.)	35 × 15 mm	0004495400	EUR 54,50
40 ellipse (5 pcs.)	40 × 20 mm	0004495600	EUR 76,50	50 ellipse (5 pcs.)	50 × 20 mm	0004496000	EUR 132,00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	EUR 132,00	     			



IKAFLON® round PTFE-coated



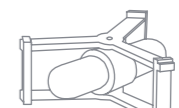
IKAFLON® ellipse PTFE-coated



IKAFLON® cross PTFE-coated



IKAFLON® bone PTFE-coated



IKAFLON® beaker PTFE-coated



TRIKA® PTFE-coated



WiCo RET control-visc



Cover RET control-visc



IB R RO 15 eco



LABLIFT m



IKA Plate Adapter



## LABORATORY SOFTWARE

**labworldsoft® 6 Starter**

EUR 5.309,00

Ident. No. 0020019397

**labworldsoft® 6 Pro**

EUR 12.114,00

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 494,00
<b>COVERS</b>			
H 102	Cover for RH basic	0004281600	EUR 24,00
H 103	Cover for RH digital	0004299100	EUR 24,00
H 100	Cover for RET basic	0003661000	EUR 24,00
H 104	Cover for RET control-visc	0004209500	EUR 24,00
H 105	Cover for RCT basic and digital	0025008136	EUR 24,00
<b>MAINS CABLES</b>			
H 11	Mains cable Euro plug	0001091500	EUR 41,00
H 11	Mains cable USA plug	0003564500	EUR 41,00
H 11	Mains cable UK plug	0002410700	EUR 41,00
H 11	Mains cable CH plug	0001091600	EUR 41,00
H 11	Mains cable IN plug	0003923600	EUR 41,00
<b>PLASTIC BATH FOR MAGNETIC STIRRER RO 15</b>			
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	EUR 1.077,00
<b>LABLIFT</b>			
LABLIFT m	Up to 25 kg (max. static load)	0004022400	EUR 369,00
<b>IKA PLATE ADAPTER</b>			
IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	EUR 219,00
<b>BEAKER CAP</b>			
BC 1000	Beaker cap	0020003417	EUR 22,00



H 3000



HG 600



H 16.3



H 44



I-MAG cart



I-MAG SP 300

Product	Description	Ident. No.	Price
<b>OIL BATH ATTACHMENTS</b>			
H 29	Oil bath attachment, 1 l	0002829400	EUR 279,00
H 30	Oil bath attachment, 1.5 l	0002829500	EUR 308,00
<b>BEAKERS, STAINLESS STEEL</b>			
H 1000	Beaker, stainless steel, 1 l	0004444401	EUR 471,00
H 1500	Beaker, stainless steel, 1.5 l	0004444501	EUR 486,00
H 3000	Beaker, stainless steel, 3 l	0004444503	EUR 499,00
H 5000	Beaker, stainless steel, 5 l	0004444505	EUR 587,00
<b>HEATING JACKETS</b>			
HG 600	Heating jacket for beaker 600 ml	0020003416	EUR 138,00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	EUR 164,00
<b>HOLDERS</b>			
H 16 V	Support rod	0001545100	EUR 86,50
H 16.3	Extension for support rod	0025000622	EUR 24,00
H 44	Boss head clamp	0002437700	EUR 41,00
H 38	Holding rod	0003547700	EUR 38,00
<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 113,00
IKAFLON 140 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 140 x 30 mm, 1 pc.	0020110382	EUR 223,00
IKAFLON 118 float	Magnetic stirring drive, PPS round, Ø 118 mm, 1 pc.	0020100638	EUR 519,00
RSE XL	Stirring bar remover for I-MAG	0020100641	EUR 432,00
I-MAG SP 150	Platform extension for I-MAG, for barrels up to 150 liters	0020102994	EUR 494,00
I-MAG SP 300	Platform extension for I-MAG, for barrels up to 300 liters	0020102996	EUR 741,00
I-MAG cart	Transport trolley and platform for I-MAG, for barrels up to 300 liters	0025008091	EUR 1.715,00
I-MAG BR	Bracket for stand rod I-MAG	0020110383	EUR 61,00
I-MAG UHC	Universal holder for I-MAG controller	0020110381	EUR 216,00
I-MAG EXT 3	Extension cable for I-MAG, 3 m	0020115558	EUR 276,00
H 28 V	Support rod for I-MAG	0020119439	EUR 176,00

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.

Shaft protection included

### 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.

### /// COMPACT OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

#### NANOSTAR 7.5 digital

EUR 986,00  
Ident. No. 0025004356



#### MICROSTAR 7.5 digital

EUR 1.069,00  
Ident. No. 0025004715



#### MICROSTAR 7.5 control

EUR 1.399,00  
Ident. No. 0025001984



Speed range:  
50 – 2000 rpm

#### MICROSTAR 15 digital

EUR 1.149,00  
Ident. No. 0025004883



#### MICROSTAR 15 control

EUR 1.475,00  
Ident. No. 0025001986



#### MICROSTAR 30 digital

EUR 1.201,00  
Ident. No. 0025004884



#### MICROSTAR 30 control

EUR 1.526,00  
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

/// COMPACT OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

**MINISTAR 20 digital**

EUR 1.149,00  
Ident. No. 0025004885

**MINISTAR 20 control**

EUR 1.475,00  
Ident. No. 0025001988

**MINISTAR 40 digital**

EUR 1.283,00  
Ident. No. 0025004886

**MINISTAR 40 control**

EUR 1.602,00  
Ident. No. 0025001989



Vibration sensor included

**MINISTAR 80 digital**

EUR 1.417,00  
Ident. No. 0025004887

**MINISTAR 80 control**

EUR 1.729,00  
Ident. No. 0025001990



Power package: 80 Ncm

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

/// OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

**EUROSTAR 20 digital**

EUR 1.246,00  
Ident. No. 0004442000

**EUROSTAR 40 digital**

EUR 1.441,00  
Ident. No. 0004444000

**EUROSTAR 60 digital**

EUR 1.814,00  
Ident. No. 0004446000

**EUROSTAR 60 control**

EUR 2.647,00  
Ident. No. 0004440000



Quiet operation with brushless DC motor

/// POWERFUL OVERHEAD STIRRERS FOR UNIVERSAL STIRRING TASKS

**EUROSTAR 100 digital**

EUR 2.591,00  
Ident. No. 0004238100

**EUROSTAR 100 control**

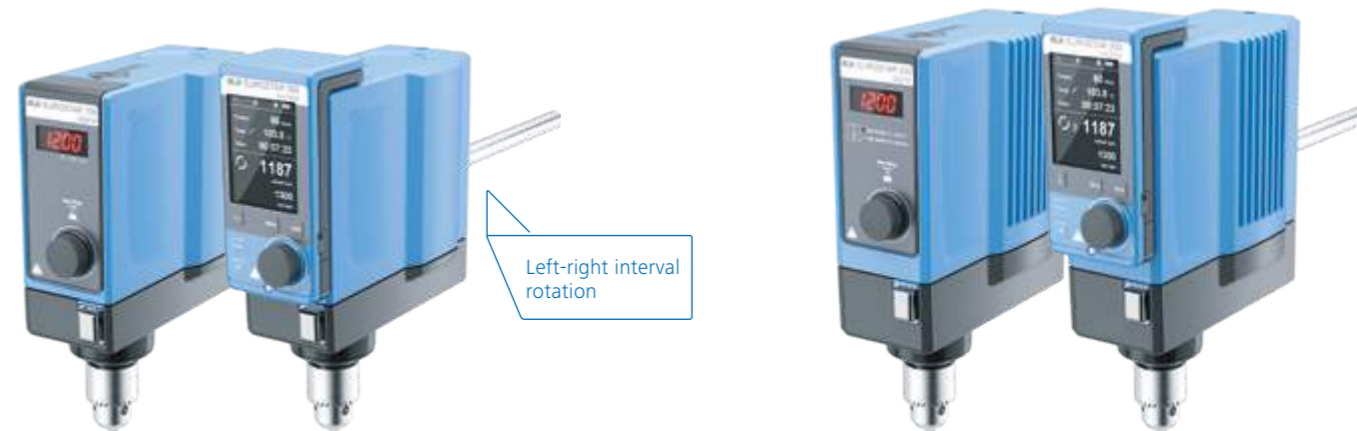
EUR 3.346,00  
Ident. No. 0004028500

**EUROSTAR 200 digital**

EUR 3.431,00  
Ident. No. 0003990000

**EUROSTAR 200 control**

EUR 3.982,00  
Ident. No. 0003992000



Left-right interval rotation

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

/// PILOT SCALE OVERHEAD STIRRERS

**EUROSTAR 400 digital**

EUR 4.305,00  
Ident. No. 0004214000

**EUROSTAR 400 control**

EUR 4.809,00  
Ident. No. 0004214100



/// HIGH SPEED OVERHEAD STIRRERS

**EUROSTAR 20 high speed digital**

EUR 2.537,00  
Ident. No. 0004028600

**EUROSTAR 20 high speed control**

EUR 3.410,00  
Ident. No. 0025001314



/// ULTRA HIGH TORQUE OVERHEAD STIRRERS

**EUROSTAR 100 P4 control**

EUR 4.681,00  
Ident. No. 0025004384



**EUROSTAR 200 P4 control**

EUR 5.316,00  
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 × H × D)	114 × 325 × 245 mm 114 × 345 × 268 mm	86 × 325 × 208 mm 86 × 325 × 230 mm	86 × 352 × 230 mm	91 × 379 × 231 mm
Protection class according to DIN EN 60529	IP 42   IP 40	IP 42   IP 40	IP 40	IP 40

/// MECHANICAL OVERHEAD STIRRERS

**RW 20 digital**

EUR 1.509,00  
Ident. No. 0003593000



**RW 28 digital**

EUR 3.889,00  
Ident. No. 0005040000



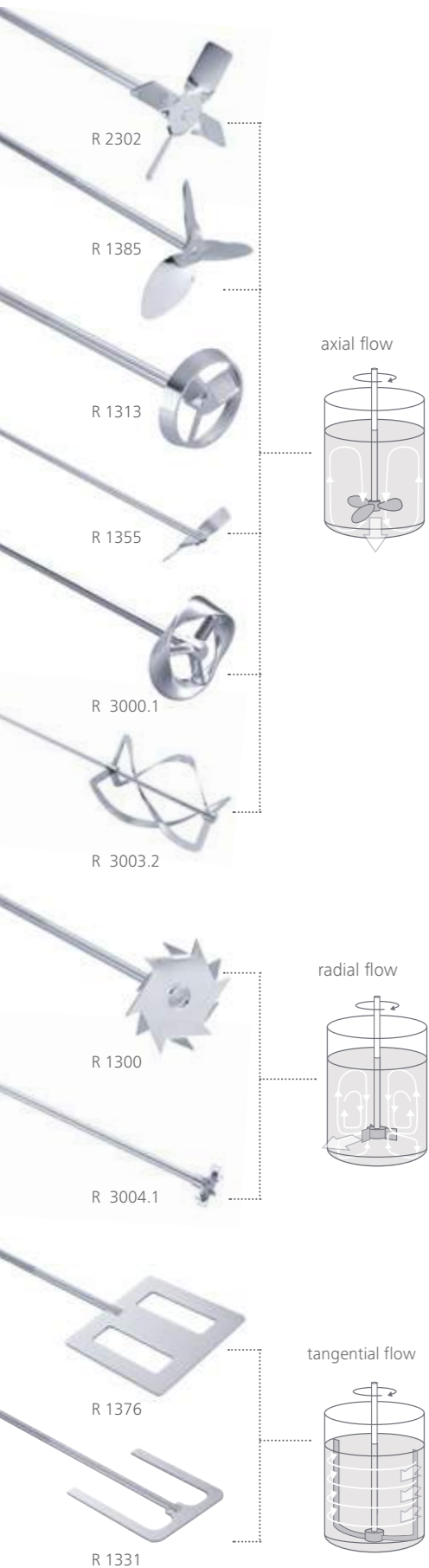
/// PILOT SCALE OVERHEAD STIRRER

**RW 47 digital**

EUR 7.007,00  
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 × H × D)	88 × 294 × 212 mm	123 × 364 × 252 mm	145 × 465 × 358 mm
Protection class according to DIN EN 60529	IP 20	IP 40	IP 54



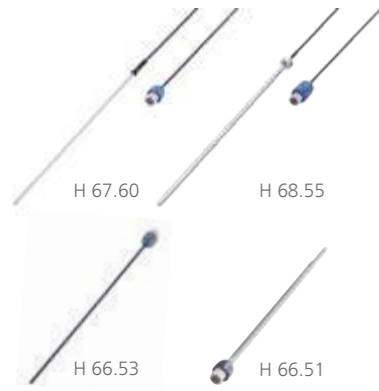
Product	Shaft length Shaft diameter Stirrer diameter	Max. speed	Ident. No.	Price
<b>PROPELLER STIRRERS, 4-BLADED</b>				
R 1342	350   8   50 mm	≤ 2000 rpm	0000741000	EUR 182,00
R 1345	550   8   100 mm	≤ 800 rpm	0000741300	EUR 224,00
R 2302	800   13   150 mm	≤ 600 rpm	0000739000	EUR 786,00
<b>PROPELLER STIRRERS, 3-BLADED</b>				
R 1381	350   8   45 mm	≤ 2000 rpm	0001296000	EUR 365,00
R 1382	350   8   55 mm	≤ 2000 rpm	0001295900	EUR 381,00
R 1385	550   10   140 mm	≤ 800 rpm	0000477700	EUR 365,00
R 1388	800   10   140 mm	≤ 400 rpm	0000477800	EUR 435,00
R 1389*	350   8   75 mm	≤ 800 rpm	0002343600	EUR 659,00
<b>TURBINE STIRRERS</b>				
R 1311	350   8   30 mm	≤ 2000 rpm	0002332900	EUR 246,00
R 1312	350   8   50 mm	≤ 2000 rpm	0002333000	EUR 314,00
R 1313	400   10   70 mm	≤ 800 rpm	0002333100	EUR 384,00
<b>CENTRIFUGAL STIRRERS</b>				
R 1352	350   8   60/15 mm	≤ 2000 rpm	0000756900	EUR 205,00
R 1355	550   8   100/24 mm	≤ 800 rpm	0001132700	EUR 273,00
<b>DISSOLVER STIRRERS</b>				
R 1300	350   8   80 mm	≤ 2000 rpm	0000513500	EUR 324,00
R 1302	350   10   100 mm	≤ 1000 rpm	0002387900	EUR 680,00
R 1303	350   8   40 mm	≤ 2000 rpm	0002746700	EUR 504,00
<b>PADDLE STIRRERS</b>				
R 1375	550   8   70 mm	≤ 800 rpm	0000757700	EUR 219,00
R 1376	550   10   150 mm	≤ 800 rpm	0000757800	EUR 435,00
R 2311	800   13   150 mm	≤ 600 rpm	0000739500	EUR 723,00
<b>ANCHOR STIRRERS</b>				
R 1330	350   8   45 mm	≤ 1000 rpm	0002022300	EUR 464,00
R 1331	350   8   90 mm	≤ 1000 rpm	0002022400	EUR 561,00
R 1333	550   10   150 mm	≤ 800 rpm	0002747400	EUR 913,00
<b>MOEBIUS STIRRERS</b>				
R 3000.1	565   10   100 mm	≤ 800 rpm	0020001192	EUR 504,00
R 3001.1	575   10   100 mm	≤ 800 rpm	0020001195	EUR 533,00
<b>SPIRAL STIRRERS</b>				
R 3003	350   8   50 mm	≤ 800 rpm	0020001203	EUR 409,00
R 3003.1	550   10   100 mm	≤ 800 rpm	0020001204	EUR 585,00
R 3003.2	800   10   150 mm	≤ 800 rpm	0020001205	EUR 749,00
<b>BLADE STIRRERS</b>				
R 3004	359   8   30 mm	≤ 1000 rpm	0020001206	EUR 355,00
R 3004.1	565   10   50 mm	≤ 1000 rpm	0020001207	EUR 491,00
R 3004.2	819   10   70 mm	≤ 1000 rpm	0020001208	EUR 627,00
<b>PADDLE STIRRERS   SCREW-TYPE STIRRERS</b>				
R 1001	160   4   34 mm	2000 rpm	0000527400	EUR 193,00
R 1002	140   4   12 mm	2000 rpm	0000527500	EUR 164,00

\* (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 P4 control	RW 20 digital	RW 28 digital	RW 47 digital
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	++
-	-	-	-	-	-	-	++	-	-	-	++
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	-	-	++	++	++	-	++	++
-	-	-	-	-	-	++	++	-	-	++	++
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	++
-	-	-	-	++	++	++	++	++	-	++	++
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	++
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
+	+	+	+	++	++	++	++	++	-	++	-
-	-	-	-	-	-	-	++	++	-	++	++
-	-	-	-	-	-	-	++	-	-	-	++
++	++	++	++	++	++	++	++	++	++	-	-
-	-	-	-	++	++	++	++	++	-	++	-
-	-	-	-	-	-	++	++	++	-	++	++
-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	++	++	++	++
+	+	+	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	-	-	+	+	++	-	-	++	++
++	++	++	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	-	++	++	++
++	++	++	++	+	+	+	+	+	++	-	-
++	++	++	++	+	+	+	+	+	++	-	-

++ IKA recommended | + Installable | - Not compatible

Product	Ident. No.	Price	NANOSTAR digital	MICRO-STAR digital   control	MINISTARS digital   control
<b>TEMPERATURE SENSORS</b>					
H 67.60 stainless steel	0025006664	EUR 179,00	-	control	control
H 67.61 stainless steel	0025007920	EUR 260,00	-	control	control
H 68.55 stainless steel	0025007921	EUR 336,00	-	control	control
H 70 extension cable	0002735600	EUR 243,00	-	control	control
<b>SENSORS IN COMBINATION WITH H 70</b>					
H 62.51 stainless steel	0002735451	EUR 240,00	-	control	control
H 66.51 glass-coated	0002735551	EUR 350,00	-	control	control
H 66.53 coated	0004499900	EUR 281,00	-	control	control
<b>STANDS</b>					
<b>Plate stands</b>					
IKA [scale]	0025004318	EUR 981,00	++	++	++
R 1825	0003160000	EUR 348,00	++	++	++
R 1826	0003160100	EUR 384,00	++	++	++
R 1827	0003160200	EUR 409,00	++	++	++
<b>H-stand</b>					
R 2722	0001412000	EUR 834,00	-	++	++
<b>Telescopic stands</b>					
R 2723	0001412100	EUR 1.547,00	-	++	++
R 474	0001643000	EUR 2.178,00	-	-	-
<b>Floor stands</b>					
R 472	0000738700	EUR 4.628,00	-	-	-
R 2850	0020002900	EUR 3.404,00	-	-	-
R 6547 H	0020018533	EUR 11.003,00	-	-	-
R 6547 E 400V	0020018673	EUR 16.468,00	-	-	-



IKA [scale]



**CLAMPS // Compatibility with stands (++ / -)**

Product	R 182	R 270	R 271	RH 3	RH 5
IKA [scale]	++	-	-	++	-
R 1825	++	-	-	++	-
R 1826	++	-	-	++	-
R 1827	++	-	-	++	-
R 2722	-	++	++	-	++
R 2723	-	++	++	-	++

EUROSTAR 20   40 digital	EUROSTAR 60 digital   control	EUROSTAR 100 digital   control	EUROSTAR 200 digital   control	EUROSTAR 400 digital   control	EUROSTAR 100 & 200 P4 control	EUROSTAR 20 high speed digital   control	RW 20 digital	RW 28 digital	RW 47 digital
-	control	control	control	control	++	control	-	-	-
-	control	control	control	control	++	control	-	-	-
-	control	control	control	control	++	control	-	-	-
-	control	control	control	control	++	control	-	-	-
-	control	control	control	control	++	control	-	-	-
++	+	-	-	-	-	-	++	-	-
++	+	+	-	-	-	-	++	-	-
++	+	+	-	-	-	-	++	-	-
++	+	+	-	-	-	-	++	-	-
++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	-
-	-	-	-	-	-	-	-	-	++
-	-	++	++	++	++	-	-	++	-
-	-	-	-	-	-	-	-	-	++
-	-	-	-	-	-	-	-	-	++

++ IKA recommended | + Installable | - Not compatible



R 1825

IKA [scale]

R 2723

R 6547 H



R 1401



R 1402



R 301



R 60



## LABORATORY SOFTWARE

**labworldsoft® 6 Starter**

EUR 5.309,00

Ident. No. 0020019397

**labworldsoft® 6 Advanced**

EUR 9.250,00

Ident. No. 0020105873

**labworldsoft® 6 Pro**

EUR 12.114,00

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 314,00
R 1405	Propeller, Ø 45 mm	0001289800	EUR 254,00
R 1402	Dissolver, Ø 42 mm	0001243300	EUR 350,00
<b>ACCESSORIES FOR PROTECTION AND SAFETY</b>			
R 301	Stirring shaft protection	0002603000	EUR 219,00
R 301.1	Support holder for R 301	0002604000	EUR 260,00
R 303	Stirring shaft protection	0030000257	EUR 519,00
SI 400	Safety switch	0003294800	EUR 1.145,00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	EUR 1.076,00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	EUR 491,00
<b>FURTHER ACCESSORIES</b>			
WH 11	Wall mount for WiCo	0025001500	EUR 36,00
FK 1	Flexible coupling	0002336000	EUR 369,00
R 60	Keyless chuck	0003889500	EUR 97,50
R 60.1	Keyless chuck	0025007821	EUR 97,50

**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.



▶ Watch MATRIX video

### SIMPLY USER-FRIENDLY

There are numerous 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, reaction vessels, PCR strips, Greiner tubes, micro-plates and cuvettes.

The IKA thermo-cover prevents the formation of condensation on the vessel cover, meaning that the sample remains constant.

### 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.

### MATRIX Orbital

EUR 1.874,00

Ident. No. 0030000627



- ① **MATRIX Orbital Δ FP**  
EUR 2.656,00  
Ident. No. 0030000751
- ② **MATRIX Orbital Δ F0.5**  
EUR 2.656,00  
Ident. No. 0030000747
- ③ **MATRIX Orbital Δ F1.5**  
EUR 2.656,00  
Ident. No. 0030000750
- ④ **MATRIX Orbital Δ F2.0**  
EUR 2.656,00  
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 2.309,00  
Ident. No. 0030000717

Heating & cooling



Mixing, heating & cooling

**MATRIX Orbital Δ+**

EUR 2.756,00  
Ident. No. 0030000731



**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
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**ACCESSORIES THERMOSHAKERS**

(A)	MX cover	Cover	0030001253	EUR 118,00
(B)	MX thermocover	Cover, heatable	0030001244	EUR 551,00
(C)	MX 50.0 ml	Attachment for vials, 4 x 50 ml vials	0030000863	EUR 551,00
(D)	MX 15.0 ml	Attachment for vials, 8 x 15 ml vials	0030000821	EUR 590,00
(E)	MX 5.0 ml	Attachment for vials, 8 x 5 ml vials	0030000859	EUR 590,00
(F)	MX 2.0 ml	Attachment for vials, 24 x 2.0 ml vials	0030000834	EUR 551,00
(G)	MX 1.5 ml	Attachment for vials, 24 x 1.5 ml vials	0030000829	EUR 551,00
(H)	MX 12.0 mm	Attachment for vials, 24 x 12 mm vials	0030000844	EUR 590,00
(I)	MX cryo	Attachment for vials, 24 x cryo vials	0030000848	EUR 590,00
(J)	MX 0.5 ml	Attachment for vials, 24 x 0.5 ml vials	0030000840	EUR 590,00
(K)	MX PCR96	Attachment for 96 PCR plates	0030000853	EUR 661,00
(L)	MX PCR384	Attachment for 384 PCR plates	0030000857	EUR 708,00
(M)	MX carrier	Attachment for microtiter plates	0030000849	EUR 661,00
(3)	MX insert 1.5/2.0 ml	Insert for 1.5 / 2.0 ml vials	0030001158	EUR 47,00
(2)	MX insert 0.5 ml	Insert for 0.5 ml vials	0030001157	EUR 47,00
(1)	MX insert PCR96	Insert for 0.2 ml PCR vials	0030001159	EUR 47,00



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

/// Incubator 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 6.548,00

Ident. No. 0003940000

### ② KS 3000 ic control

EUR 7.484,00

Ident. No. 0003940100



KS 3000 ic with built-in cooling coil

②

Allows unattended operation

### ① KS 4000 i control

EUR 7.924,00

Ident. No. 0003510000

### ② KS 4000 ic control

EUR 8.796,00

Ident. No. 0003510100



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 1.069,00  
Ident. No. 0004002000

② **ROCKER 2D digital**

EUR 1.137,00  
Ident. No. 0004003000



① **ROCKER 3D basic**

EUR 1.137,00  
Ident. No. 0004000000

② **ROCKER 3D digital**

EUR 1.201,00  
Ident. No. 0004001000



① **ROLLER 6 basic**

EUR 1.804,00  
Ident. No. 0004010000

② **ROLLER 6 digital**

EUR 1.870,00  
Ident. No. 0004011000



**ROLLER 10 basic**

EUR 2.204,00  
Ident. No. 0004012000

② **ROLLER 10 digital**

EUR 2.270,00  
Ident. No. 0004013000



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 963,00  
Ident. No. 0004015000

② **Loopster digital**

EUR 1.033,00  
Ident. No. 0004016000

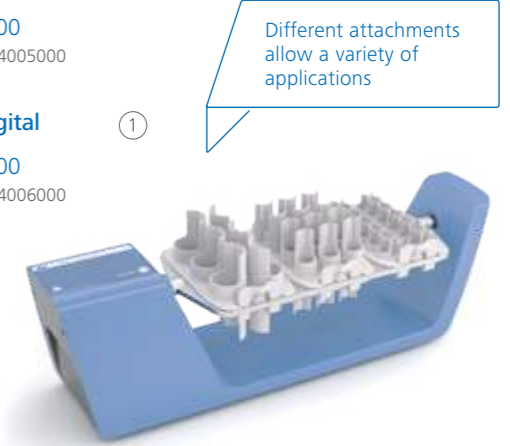


① **Trayster basic**

EUR 1.069,00  
Ident. No. 0004005000

② **Trayster digital**

EUR 1.137,00  
Ident. No. 0004006000



① **Hula Dancer basic**

EUR 370,00  
Ident. No. 0025004320

② **Hula Dancer digital**

EUR 432,00  
Ident. No. 0025003634



① **MS 3 basic**

EUR 700,00  
Ident. No. 0003617000

② **MS 3 digital**

EUR 1.004,00  
Ident. No. 0003319000

③ **MS 3 control**

EUR 1.069,00  
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 302,00

Ident. No. 0025000258

**VORTEX 3**

EUR 495,00

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 401,00

Ident. No. 0004047700

**VXR basic Vibrax®**

EUR 1.937,00

Ident. No. 0002819000

**MTS 2/4 digital**

EUR 2.064,00

Ident. No. 0003208000

For shaking two or four microtiter plates

**lab dancer**

EUR 255,00

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 1.908,00  
Ident. No. 0002980000
- ② **KS 130 control**  
EUR 2.797,00  
Ident. No. 0002980100
- ③ **KS 130 control NOL**  
EUR 2.497,00  
Ident. No. 0004278200



- ① **KS 260 basic**  
EUR 3.051,00  
Ident. No. 0002980200
- ② **KS 260 control**  
EUR 3.815,00  
Ident. No. 0002980300
- ③ **KS 260 control NOL**  
EUR 3.515,00  
Ident. No. 0004278400

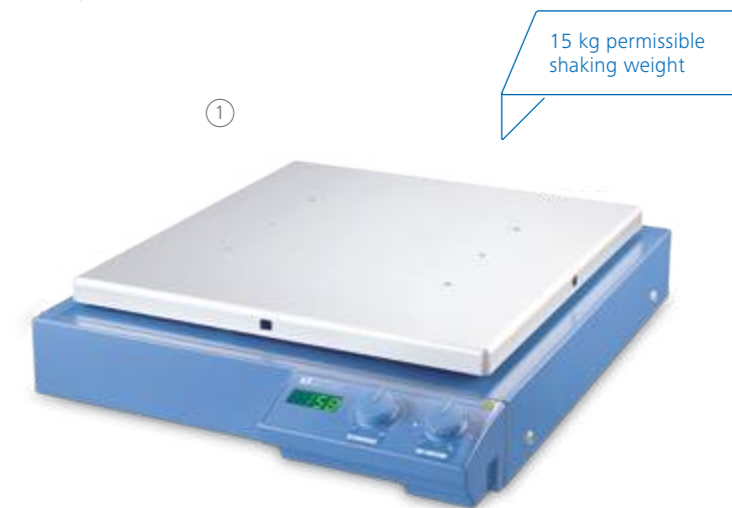


TECHNICAL DATA	KS 130 BASIC   CONTROL	KS 260 BASIC   CONTROL
Type of movement	Orbital	Orbital
Shaker diameter	4 mm	10 mm
Permissible shaking weight (incl. attachment)	2.0 kg	7.5 kg
Speed range	80 – 800 rpm	50 – 500 rpm   10 – 500 rpm
Timer display	LED line   LCD	LED line   LCD
Speed display	LED line   LCD	LED line   LCD
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W x H x D)	270 x 98 x 316 mm	360 x 98 x 420 mm
Protection class according to DIN EN 60529	IP 21	IP 21

- ① **HS 260 basic**  
EUR 3.051,00  
Ident. No. 0003066600
- ② **HS 260 control**  
EUR 3.815,00  
Ident. No. 0003066700
- ③ **HS 260 control NOL**  
EUR 3.515,00  
Ident. No. 0004278600



- ① **HS 501 digital**  
EUR 5.658,00  
Ident. No. 0025002982
- ② **KS 501 digital**  
EUR 5.658,00  
Ident. No. 0025002985



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



RD 1



TB 1

TB 3

Product	Description	Ident. No.	Price
<b>ACCESSORIES ROCKER</b>			
A 2	Second level attachment	0004581700	EUR 84,50
RD 1	Universal mat	0004532000	EUR 27,50
RD 2	Burled mat	0004532100	EUR 29,50
TB 1	Tray, 24 × 5 ml, Ø 12 mm	0004532200	EUR 47,00
TB 2	Tray, 12 × 15 ml, Ø 16 mm	0004532300	EUR 47,00
TB 3	Tray, 10 × 30 ml, Ø 25 mm	0004532400	EUR 47,00
TB 4	Tray, 8 × 30 ml, Ø 28 mm	0004532500	EUR 47,00

**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 × 1.5 ml, Ø 10 mm	0004524000	EUR 251,00
DS 2	Tube attachment, 24 × 5 ml, Ø 12 mm	0004524100	EUR 180,00
DS 3	Tube attachment, 20 × 15 ml, Ø 16 mm	0004524200	EUR 180,00
DS 4	Tube attachment, 2 × 30 ml, Ø 25 mm	0004524300	EUR 180,00
DS 5	Tube attachment, 12 × 50 ml, Ø 28 mm	0004524400	EUR 180,00
DS 6	Universal disc	0004524500	EUR 155,00
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	EUR 47,00
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	EUR 47,00
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	EUR 47,00
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	EUR 47,00
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	EUR 47,00

**ACCESSORIES TRAYSTER**



TR 1



TR 2



TR 3



TR 4

TR 1	Tube insert, 24 × 1.5 ml, Ø 10 mm	0004525100	EUR 56,00
TR 2	Tube insert, 24 × 5 ml, Ø 12 mm	0004525200	EUR 56,00
TR 3	Tube insert, 12 × 15 ml, Ø 16 mm	0004525300	EUR 56,00
TR 4	Tube insert, 6 × 50 ml, Ø 28 mm	0004525400	EUR 56,00



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 21,50
MS 3.3	Universal attachment	0003426600	EUR 21,50
MS 1.21	One-hand insert	L001540	EUR 30,50
MS 1.30	Attachment for 0.5 ml tubes	0025005776	EUR 64,00
MS 1.31	Test tube insert, 14 × Ø 10 mm	L001840	EUR 66,50
MS 1.32	Test tube insert, 6 × Ø 12 mm	L001850	EUR 66,50
MS 1.33	Test tube insert, 4 × Ø 16 mm	L001860	EUR 66,50
MS 1.34	Test tube insert	L001830	EUR 32,50
MS 3.4	Microtiter plate attachment	0003426400	EUR 66,50
MS 3.5	PCR plate attachment, 96-well	0003428000	EUR 66,50

**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 14,50
VG 3.2	One-hand attachment	0003342300	EUR 30,50
VG 3.21	Rubber mat	0020008398	EUR 27,50
VG 3.3	Universal attachment, 150 mm	0003342400	EUR 34,00
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	EUR 42,50
VG 3.31	Test tube attachment for 54 tubes	0003344300	EUR 79,50
VG 3.32	Test tube attachment, 18 × Ø 10 mm	0003343900	EUR 42,50
VG 3.33	Test tube attachment, 12 × Ø 12 mm	0003344000	EUR 42,50
VG 3.34	Test tube attachment, 8 × Ø 16 mm	0003344100	EUR 42,50
VG 3.35	Test tube attachment, 8 × Ø 20 mm	0003344200	EUR 42,50
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	EUR 42,50
VG 3.37	Microtiter plate attachment	0003344400	EUR 42,50



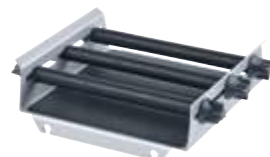
VX 2E.n



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 VXR</b>			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	EUR 125,00
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	EUR 510,00
VX 2E.n	Tube attachment, 64 × 1.5 ml	0020018016	EUR 495,00
VX 7	Dish attachment	0000953300	EUR 361,00
VX 8	Universal attachment	0000910400	EUR 865,00
VX 11	Basic holder	0003627700	EUR 189,00
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	EUR 189,00
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	EUR 189,00
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	EUR 145,00
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	EUR 145,00
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	EUR 129,00
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	EUR 129,00
VX 8.1	Clamping roll	0003375400	EUR 49,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS 130 BASIC   CONTROL</b>			
AS 130.1	Universal attachment	0008017300	EUR 430,00
AS 130.2	Fixing clip attachment	0003115000	EUR 130,00
AS 130.3	Dish attachment	0003120000	EUR 125,00
AS 130.4	Test tube attachment	0003120300	EUR 292,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS   HS 260 BASIC   CONTROL AND KS 3000</b>			
AS 260.1	Universal attachment	0008017400	EUR 727,00
AS 260.2	Fixing clip attachment	0003115500	EUR 188,00
AS 260.3	Dish attachment	0003120600	EUR 158,00
AS 260.5	Separating funnel attachment	0003120900	EUR 751,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS   HS 501 DIGITAL</b>			
AS 501.1	Universal attachment	0008000200	EUR 2.178,00
AS 501.2	Separating funnel attachment	0008000300	EUR 2.324,00
AS 501.3	Separating funnel attachment	0008000400	EUR 1.897,00
AS 501.4	Fixing clip attachment	0002341100	EUR 1.441,00
AS 501.5	Dish attachment	0002339600	EUR 290,00
AS 501.6	Separating funnel attachment	0008000500	EUR 3.308,00



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 1.154,00
AS 4000.2	Fixing clip attachment	0003710100	EUR 961,00
AS 4000.3	Dish attachment	0003710000	EUR 253,00
AS 1.400	Basic holder for AS 4000.1	0003710200	EUR 660,00
AS 1.401	Clamping roll for AS 4000.1	0003712000	EUR 65,00
AS 1.402	Fastening screw for AS 4000.1	0003712300	EUR 10,60

Product	Description	Ident. No.	Price
<b>ACCESSORIES</b>			
AS 1.30	Basic holder for AS 130.1	0003148000	EUR 366,00
AS 1.60	Basic holder for AS 260.1	0003149000	EUR 660,00
AS 1.10	Basic holder for AS 501.1	0002339700	EUR 976,00
AS 1.31	Clamping roll for AS 130.1	0003030500	EUR 40,50
AS 1.61	Clamping roll for AS 260.1	0003030501	EUR 50,00
AS 1.11	Clamping roll for AS 501.1	0002339800	EUR 91,50
AS 1.6	Clamping device for AS 501.1	0001268400	EUR 64,00
AS 1.7	Clamping device for AS 501.1	0001269200	EUR 89,50
AS 1.12	Supporting bar for AS 1.10	0002594500	EUR 182,00
AS 1.13	Ground section holder for AS 1.10	0002597000	EUR 177,00
STICKMAX	Universal adhesive mat	0003920000	EUR 67,50
AS 2.0	Fixing clips, 10 ml	0020016475	EUR 61,00
AS 2.1	Fixing clips, 25 ml	0001234300	EUR 32,50
AS 2.2	Fixing clips, 50 ml	0001234400	EUR 32,50
AS 2.3	Fixing clips, 100 ml	0001234500	EUR 32,50
AS 2.4	Fixing clips, 200   250 ml	0001234600	EUR 61,00
AS 2.5	Fixing clips, 500 ml	0001234700	EUR 61,00
AS 2.6	Fixing clips, 1000 ml	0003819300	EUR 61,00
AS 2.7	Fixing clips, 2000 ml	0020016476	EUR 85,50



STICKMAX

The dispersers from the renowned ULTRA-TURRAX® family homogenize, emulsify, and create suspensions. You can keep an eye on the speed via the digital display, as well as the development of your products. All motors offer a soft start for even more reliable device starting. With their wide range of dispersing tools, IKA dispersers enable the widest range of applications. These range from homogenization of waste water samples, to dispersing tasks under a vacuum, under pressure, or within the context of PCR analysis.

## T 18 MINI DIGITAL AND T 25 MINI CONTROL ULTRA-TURRAX®

/// The new mini dispersers

The new T 18 mini digital and T 25 mini control dispersers optimize work processes in the laboratory. They weigh less than 2 kg and have a footprint that is up to 40% smaller than comparable devices. Their brushless DC motor ensures dust-free and quiet operation. For homogenization tasks with up to 1.5 liters and viscosities of up to 2000 mPas, these compact devices are the perfect solution.

### CONNECTIVITY AND AUTOMATION

The mini dispersers have a large TFT display and a wide range of interfaces for software updates, communication, and automation. For example, the labworldsoft® laboratory software can be integrated. Furthermore, the timer and counter functions ensure safety, reproducibility, and consistency, even when operated without supervision.

### ADVANCED FUNCTIONS

The T 25 mini control model offers additional advantages: dispersing tools with patented real-time temperature measurement, safety-temperature settings, and compatibility with "easy-clean" dispersing accessories.



### T 18 brushless digital ULTRA-TURRAX®

EUR 1.909,00  
Ident. No. 0020102476

Brushless DC motor guarantees dust-free and quieter operation



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

EUR 2.569,00  
Ident. No. 0025002560

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

EUR 3.164,00  
Ident. No. 0025002500



### T 18 mini digital ULTRA-TURRAX®

EUR 1.500,00  
Ident. No. 0025005828

NEW!



### T 25 mini control ULTRA-TURRAX®

EUR 2.200,00  
Ident. No. 0025006650

NEW!



TECHNICAL DATA	T 18 BRUSHLESS DIGITAL	T 18 MINI DIGITAL	T 25 EASY CLEAN DIGITAL   CONTROL	T 25 MINI CONTROL
Process type	Batch	Batch	Batch	Batch
Speed range	3000 – 25 000 rpm	3000 – 25 000 rpm	3000 – 25 000 rpm	600 – 25 000 rpm
Volume range (H <sub>2</sub> O)	0.001 – 1.5 l	0.001 – 1.5 l	0.001 – 2.0 l	0.001 – 1.5 l
Speed control	Stepless	Stepless	Stepless	Stepless
Motor principle	Brushless DC	Brushless DC	Brushless DC	Brushless DC
Noise without element	70 dB(A)	75 dB(A)	70 dB(A)	75 dB(A)
Extension arm length	160 mm	160 mm	160 mm	160 mm
Viscosity max.	5000 mPas	2000 mPas	5000 mPas	2000 mPas
Dimensions (W × H × D)	89 × 270 × 161 mm	66 × 186 × 100 mm	89 × 270 × 161 mm	66 × 186 × 100 mm
Protection class according to DIN EN 60529	IP 30	IP 30	IP 30	IP 30

**T 10 basic ULTRA-TURRAX®**

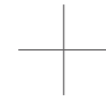
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**T 18 digital ULTRA-TURRAX®**

EUR 1.788,00  
Ident. No. 0003720000



T 18 digital ULTRA-TURRAX® Package	EUR 2.638,00 0009022800
T 18 digital ULTRA-TURRAX® Disperser	
S 18 N - 19 G Dispersing tool	

**T 25 digital ULTRA-TURRAX®**

EUR 2.612,00  
Ident. No. 0003725000

**T 50 digital ULTRA-TURRAX®**

EUR 4.158,00  
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 × H × D)	56 × 178 × 66 mm	87 × 271 × 106 mm	87 × 271 × 106 mm	115 × 355 × 139 mm
Protection class according to DIN EN 60529	IP 30	IP 20	IP 20	IP 20

**T 65 digital ULTRA-TURRAX®**

EUR 9.776,00  
Ident. No. 0004234500

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

EUR 11.845,00  
Ident. No. 0010006856

UTL 25 digital Inline ULTRA-TURRAX®
T 25 digital ULTRA-TURRAX®
DK 25.11 flow chamber
AD 25 mounting support
S 25 KV - 25 G-IL dispersing tool



TECHNICAL DATA	T 65 DIGITAL ULTRA-TURRAX®	UTL 25 DIGITAL ULTRA-TURRAX®
Process type	Batch	Inline
Speed range	1000 – 9500 rpm	3000 – 25 000 rpm
Volume range (H <sub>2</sub> O)	2 – 50 l	–
Speed control	Stepless	Stepless
Noise without element	75 dB(A)	73 dB(A)
Extension arm length		175 mm
Viscosity max.	5000 mPas	–
Dimensions (W × H × D)	300 × 420 × 400 mm	450 × 120 × 100 mm
Protection class according to DIN EN 60529	IP 54	IP 54



S 10 N - 10 G - ST



S 10 D - 7 G - KS - 65



S 18 N - 10 G



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 1.653,00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	EUR 1.653,00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	EUR 1.527,00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	EUR 1.527,00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	EUR 1.527,00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	EUR 544,00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	EUR 614,00
<b>DISPERSING ELEMENTS FOR T 18 DIGITAL</b>			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	EUR 1.316,00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	EUR 1.316,00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	EUR 328,00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	EUR 328,00
S 18/25-ET50	Disposable tube	0003452500	EUR 8,10



S 25 N - 18 G



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 1.839,00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	EUR 1.430,00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	EUR 1.438,00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	EUR 1.839,00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	EUR 1.816,00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	EUR 1.362,00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	EUR 1.362,00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	EUR 2.417,00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	EUR 1.741,00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	EUR 2.545,00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	EUR 1.839,00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	EUR 2.672,00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	EUR 2.464,00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	EUR 328,00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	EUR 328,00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	EUR 1.770,00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	EUR 2.015,00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	EUR 1.839,00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	EUR 2.195,00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	EUR 2.246,00
Silentstream	Flow breaker	0003754000	EUR 27,00
S 18/25-ET50	Disposable tube	0003452500	EUR 8,10
TS 25-3	Cleaning tool	0020003013	EUR 123,00
CT.15	Cleaning tube	0020006595	EUR 165,00



Silentstream



TS 25-3

Prevents  
vortexing



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 1.583,00
S 25 EC - C - 25 G	Dispersing element, Ø 25 mm	0020108997	EUR 1.652,00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	EUR 1.822,00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	EUR 1.684,00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	EUR 1.753,00
S 25 EC - T - C - 18 G	Dispersing element, Ø 18 mm, temperature sensor	0020108998	EUR 1.862,00
S 25 EC - T - C - 25 G	Dispersing element, Ø 25 mm, temperature sensor	0020108999	EUR 1.932,00
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature sensor	0025007398	EUR 1.962,00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	EUR 2.033,00
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	EUR 2.104,00
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	EUR 107,00
WiCo T 25 easy clean control	Wireless remote control	0025006310	EUR 1.025,00

**DISPERSING ELEMENTS FOR T 50 DIGITAL**

S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	EUR 3.552,00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	EUR 3.552,00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	EUR 3.906,00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	EUR 4.100,00
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	EUR 5.377,00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	EUR 5.377,00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	EUR 5.731,00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	EUR 5.925,00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	EUR 4.770,00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	EUR 4.770,00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	EUR 5.124,00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	EUR 5.318,00
R 50	Stirring shaft, high speed	0001689300	EUR 2.587,00
R 1405	Propeller, Ø 45 mm	0001289800	EUR 254,00
R 1402	Dissolver, Ø 42 mm	0001243300	EUR 350,00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	EUR 3.981,00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	EUR 3.727,00

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 DIGITAL</b>			
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	EUR 4.700,00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	EUR 5.064,00
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	EUR 5.286,00
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0010010765	EUR 5.385,00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0010010767	EUR 5.749,00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0010010768	EUR 5.971,00
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	EUR 4.837,00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	EUR 5.201,00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	EUR 5.423,00
D 60	Dissolver, Ø 60 mm	0020008388	EUR 614,00
D 80	Dissolver, Ø 80 mm	0020008389	EUR 680,00
<b>INLINE DISPERSER SYSTEM - ACCESSORIES</b>			
DK 25.11	Flow chamber	0002518000	EUR 4.598,00
AD 25	Mounting support for DK 25.11	0002562500	EUR 1.110,00
S 25 KV - 25 G-IL	Dispersing element	0002563000	EUR 3.525,00
S 25 KV - 25 F-IL	Dispersing element	0002830200	EUR 3.525,00

**NOMENCLATURE DISPERSING ELEMENTS**

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

All shafts with parts in contact with the product are made of FDA-compliant materials.

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 4.467,00

Ident. No. 0025002643

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

#### MultiDrive control MT Package

EUR 4.377,00

Ident. No. 0010007083

MultiDrive control unit  
TC 1 protective housing  
MT 150.5 Autoclavable  
disposable, 150 ml ( 5 pcs.)



#### MultiDrive basic\*

EUR 3.759,00

Ident. No. 0025002638

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



#### MultiDrive control BT Package

EUR 4.382,00

Ident. No. 0010007086

MultiDrive control unit  
TC 1 protective housing  
BT 250.5 Autoclavable  
disposable, 250 ml ( 5 pcs.)



#### MultiDrive basic M 20 Successor Package

EUR 4.707,00

Ident. No. 0010010965

MultiDrive basic unit  
MI 250 milling chamber, 250 ml



#### 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 2.333,00  
Ident. No. 0004020700



**A 11 basic**

EUR 2.802,00  
Ident. No. 0002900000



**MF 10 basic**

EUR 5.500,00  
Ident. No. 0002836000



Two different grinding heads can be attached to the drive, see page 85

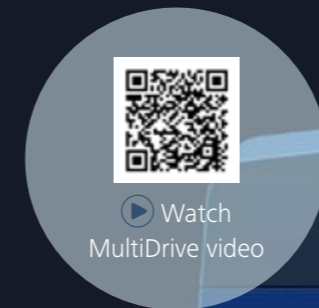
**M 20**

EUR 7.550,00  
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



Product	Description	Ident. No.	Price
<b>ACCESSORIES</b>			
BL 2000	Blender vessel, 2000 ml	0025003961	EUR 514,00
BL 2000-T	Blender vessel, 2000 ml, temperature measurement	0025003962	EUR 617,00
MI 250-S	Milling chamber, 250 ml, sealed	0020112097	EUR 948,00
MI 400-S	Milling chamber, 400 ml, sealed	0020112099	EUR 1.080,00
MI 250-T-S	Milling chamber, 250 ml, temperature measurement, sealed	0020112098	EUR 1.081,00
MI 400-T-S	Milling chamber, 400 ml, temperature measurement, sealed	0020112100	EUR 1.228,00
CS 1	Spare filter fume for cover, 5 pcs.	0020113275	EUR 21,00
DI 2000-T	Dispersing vessel, 2000 ml, temperature measurement	0025003960	EUR 1.181,00
BL 2000.1	Standard blend knife, stainless steel	0020023169	EUR 144,00
MI 250.1	Standard beater, stainless steel	0020023166	EUR 84,50
MI 250.2	Star shaped cutter, stainless steel	0020023167	EUR 168,00
MI 250.3	Beater, tungsten carbide	0020023168	EUR 358,00
MI 400.1	Standard beater, stainless steel	0020023170	EUR 108,00
MI 400.2	Star shaped cutter, stainless steel	0020023171	EUR 191,00
MI 400.3	Beater, tungsten carbide	0020023172	EUR 394,00
TC 1	Protective housing for MT 150 and BT 250	0020023489	EUR 162,00
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	EUR 77,50
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	EUR 82,50
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	EUR 17,60

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



DI 2000-T

BL 2000-T

MI 250-S

MI 400 T-S

TC 1

MT 150.5

BL 2000-T

MI 250.2

MI 400.3

Product	Description	Ident. No.	Price
<b>ACCESSORIES A 10 BASIC</b>			
A 10.1	Stainless steel cutter	0025001680	EUR 63,00
A 10.2	Star-shaped cutter	0025001162	EUR 176,00
A 10.3	Hard metal cutter	0025001161	EUR 334,00
A 10.4	Grinding chamber reduction	0025001664	EUR 135,00
<b>ACCESSORIES A 11 BASIC</b>			
A 11.1	Spare beater, stainless steel	0002904600	EUR 128,00
A 11.2	Cutting blade, stainless steel	0002905200	EUR 215,00
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	EUR 268,00
A 11.4	Grinding chamber, polyamide, 250 ml	0002904100	EUR 723,00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	EUR 534,00
A 11.6	Double beater, titanium	0003302900	EUR 574,00
A 11.7	Funnel, PTFE	0003048700	EUR 295,00



A 10.1

A 10.3



A 11.1

A 11.2



A 11.3



A 11.4

A 11.5

A 11.6

A 11.7

<b>ACCESSORIES M 20</b>			
M 21	Spare cutter, stainless steel	0000328200	EUR 108,00
M 22	Hard metal cutter, tungsten carbide	0000521800	EUR 441,00
M 23	Star-shaped cutter, stainless steel	0001443400	EUR 215,00
M 20.1	Grinding chamber, 250 ml	0008006200	EUR 4.807,00



M 23

<b>ACCESSORIES MF 10 BASIC</b>			
MF 10.1	Cutting-grinding head	0002870900	EUR 4.336,00
MF 10.2	Impact-grinding head	0002871000	EUR 3.872,00



MF 10.2

<b>SIEVES</b>			
MF 0.25	Sieve, Ø 0.25 mm	0002938900	EUR 534,00
MF 0.5	Sieve, Ø 0.5 mm	0002939000	EUR 401,00
MF 1.0	Sieve, Ø 1 mm	0002939200	EUR 388,00
MF 2.0	Sieve, Ø 2 mm	0002939400	EUR 376,00
MF 3.0	Sieve, Ø 3 mm	0002939500	EUR 362,00
MF 4.0	Sieve, Ø 4 mm	0002939600	EUR 349,00



MF 0.25

MF 1.0

MF 2.0

MF 4.0

Discover IKA's new product segment of single-use crushing systems: Innovative solutions for crushing and homogenizing in the laboratory, without the risk of cross-contamination. Our patented Tube Mill control and ULTRA-TURRAX® Tube Drive devices are designed to overcome the challenges of contamination risks and processing small sample volumes.

## IN-VITRO DIAGNOSTIC (IVD)

/// Maximum efficiency, minimum contamination

### TUBE MILL CONTROL

The Tube Mill revolutionizes the field of dry batch milling by introducing the option of using disposable grinding chambers. It has the capability to grind a wide range of soft, fibrous, hard, and brittle samples with exceptional speed and precision, all while eliminating the risk of cross-contamination. IKA's patented universal mill ensures rapid, safe, and consistently reproducible grinding outcomes for your analytical needs.

### ULTRA-TURRAX® TUBE DRIVE

The ULTRA-TURRAX® Tube Drive disperser system provides a secure and safeguarded environment for handling infectious sample materials, toxic substances, and high-odor substances. Test procedures can be effortlessly duplicated without any risk of cross-contamination among samples. For the use in human medicine and infection diagnostics, a universally applicable disposable mixing vessel with IVD certification is available.



① **ULTRA-TURRAX® Tube Drive**

EUR 859,00  
Ident. No. 0003646000

② **UTTD basic IVD Solution**

EUR 1.204,00  
Ident. No. 0010013007



① **UTTD control Pharma Solution**

EUR 1.692,00  
Ident. No. 0010013297

② **UTTD control Life Science Solution**

EUR 1.708,00  
Ident. No. 0010013296

③ **UTTD control IVD Solution**

EUR 1.934,00  
Ident. No. 0010013008



**ULTRA-TURRAX® Tube Drive P control**

EUR 1.717,00  
Ident. No. 0025005981



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

EUR 1.784,00  
Ident. No. 0025005836



Further package information on page 164

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



ST-20 ST-50-M



DT-20 DT-50-M



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

Product	Description	Ident. No.	Price
<b>ST TUBES WITH STIRRING ELEMENT</b>			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	EUR 228,00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs., membrane lid	0003700500	EUR 255,00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	EUR 114,00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	EUR 180,00
<b>DT TUBES WITH ROTOR-STATOR ELEMENT</b>			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	EUR 237,00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	EUR 281,00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	EUR 204,00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	EUR 128,00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	EUR 204,00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	EUR 115,00
<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 251,00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	EUR 251,00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	EUR 293,00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	EUR 293,00
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 680,00
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 861,00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	EUR 154,00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	EUR 154,00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	EUR 218,00



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



TC-50-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 117,00
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	EUR 142,00
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	EUR 177,00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	EUR 856,00
<b>TUBES WITH DISSOLVER ELEMENT</b>			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	EUR 182,00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	EUR 882,00
<b>COVERS</b>			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	EUR 68,50
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	EUR 45,00
<b>BALLS FOR BMT TUBE</b>			
Glass balls 6	Glass balls, 250 g	0003599200	EUR 67,50
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	EUR 67,50
<b>FURTHER ACCESSORIES FOR UTTD</b>			
CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	EUR 78,50

## 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 micro-biological 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.

\* Released for all EU countries

**Tube Mill control**

EUR 2.510,00  
Ident. No. 0004180000



**Tube Mill 100 control**

EUR 2.722,00  
Ident. No. 0020007144



**Tube Mill control Agriculture Solution**

EUR 2.419,00  
Ident. No. 0010013298



**Tube Mill 100 control Pharma Solution**

EUR 2.623,00  
Ident. No. 0010013309



Further package information on page 165

**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



MT 40.10 steril



MT 40 P.10

MT 100

MTT 40

MMT 100

Product	Description	Ident. No.	Price
<b>ACCESSORIES TUBE MILL CONTROL</b>			
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	EUR 96,50
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	EUR 805,00
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	EUR 68,50
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	EUR 164,00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	EUR 109,00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	EUR 940,00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	EUR 109,00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	EUR 191,00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	EUR 478,00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	EUR 282,00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	EUR 308,00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	EUR 164,00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	EUR 191,00
A-MMT.100	Abrasion set for MMT 40.1   MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	EUR 191,00

Display viscosity changes through sensitive torque measuring sensor: the 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 7.468,00

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
------	-------------	------------	-------

### ACCESSORIES STARVISC 200-2.5 CONTROL

#### STIRRING ELEMENTS

R 1302	Dissolver stirrer, Ø 100 mm	0002387900	EUR 680,00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	EUR 464,00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	EUR 561,00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	EUR 224,00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	EUR 219,00

#### BOSS HEAD CLAMPS

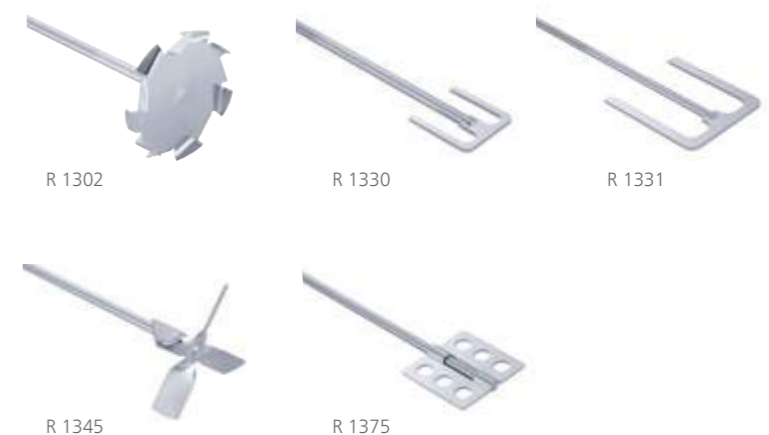
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	EUR 144,00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	EUR 233,00

#### STANDS

R 2722	H-stand, 1010 mm	0001412000	EUR 834,00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	EUR 1.547,00

#### SOFTWARE

labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	EUR 1.158,00
labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	EUR 5.309,00
labworldsoft® 6 Pro	For all configurations – any number of devices can be controlled at the same time	0020017366	EUR 12.114,00



"Flow" is the wonderful mental state in which everything moves along by itself. So it is the IKA viscometers; you can achieve perfect flow in your laboratory. The viscometers from IKA cover a broad spectrum of viscosity ranges and are suitable for simple to the most challenging of measurements. The IKA ROTAVISC series determines the viscosity of liquids in all applications, steplessly, quickly, and precisely. The measuring process is intuitive and standardized, and works with the familiar IKA menu structure for laboratory devices.

## CBC VISC lite and ROTATEMP /// Temperature under control

Viscosities often vary with temperature. Therefore, in order to achieve precise and reproducible results in viscosity measurement, fast and accurate temperature control is crucial. Here we present our most recent technologies for convenient temperature control with various sample volumes and viscosity ranges.

NEW!



### CBC VISC LITE: VERSATILE AND PRECISE, FROM -25 °C TO 125 °C

The CBC VISC lite heating bath circulator with environmentally friendly R290 coolant enables precise temperature control from -25 °C to 125 °C. It can pre-heat a sample at the same time as taking a measurement, since it has space for two standard beakers. It is therefore ideal for calibration tests or for analyzing the temperature resistance of products. CBC VISC lite is compatible with various types of vessels and can be flexibly expanded with adapter systems.

### ROTATEMP: FOR HIGH TEMPERATURES UP TO 300 °C

ROTATEMP is the space-saving heating system for very high-temperature applications. It enables fast and precise temperature control of difficult to measure, highly viscous samples at temperature of up to 300 °C. It is therefore ideal for the study of materials such as waxes, polymers, or bitumen.

### INDIVIDUALLY, OR AS AN ATTRACTIVE COMPLETE PACKAGE

Both devices are available individually and also in the form of a complete package. The packages include different viscometers for different measurement ranges and requirements.

#### ① ROTAVISC lo-vi HELI Complete

EUR 4.016,00  
Ident. No. 0010013698

#### ② ROTAVISC me-vi HELI Complete

EUR 4.016,00  
Ident. No. 0010013731

#### ③ ROTAVISC hi-vi I HELI Complete

EUR 4.016,00  
Ident. No. 0010013745

#### ④ ROTAVISC hi-vi II HELI Complete

EUR 4.016,00  
Ident. No. 0010013764



#### OUR PACKAGES

HELI Complete:  
including motorized HELISTAND

#### ① ROTAVISC SBS me-vi HELI Complete

EUR 4.456,00  
Ident. No. 0010013683

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

EUR 4.456,00  
Ident. No. 0010013658

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

EUR 4.456,00  
Ident. No. 0010013672



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 × H × D)	351 × 629 × 372 mm
Weight	7.1 kg
Protection class according to DIN EN 60529	IP 40

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 × H × D)	351 × 343 × 252 mm
Weight	5.5 kg
Protection class according to DIN EN 60529	IP 40

## ① ROTAVISC lo-vi Complete

EUR 3.500,00  
Ident. No. 0010013826

## ② ROTAVISC me-vi Complete

EUR 3.500,00  
Ident. No. 0010013827

## ③ ROTAVISC hi-vi I Complete

EUR 3.500,00  
Ident. No. 0010013828

## ④ ROTAVISC hi-vi II Complete

EUR 3.500,00  
Ident. No. 0010013829

With Ball Bearing Technology

## ① ROTAVISC SBS me-vi Complete

EUR 3.964,00  
Ident. No. 0010013824

## ② ROTAVISC SBS hi-vi I Complete

EUR 3.964,00  
Ident. No. 0010013820

## ③ ROTAVISC SBS hi-vi II Complete

EUR 3.964,00  
Ident. No. 0010013822

## OUR PACKAGES

Complete:  
including ROTASTAND

TECHNICAL DATA	ROTAVISC
Viscosity accuracy	± 1 % FSR
Viscosity repeatability	0.2 % FSR
Display	TFT
Working temperature	Min.: -100 °C Max.: +300 °C
Speed	0.01 – 200 rpm
Speed setting accuracy	in range 0.01 – 1: 0.01 rpm in range 1 – 200: 0.1 rpm
Temperature measurement resolution	0.1 K
Connection for ext. temperature sensor	PT 100
Interfaces	USB, RS 232
Dimensions (W x H x D)	351 x 629 x 372 mm
Weight	7.1 kg
Protection class according to DIN EN 60529	IP 40

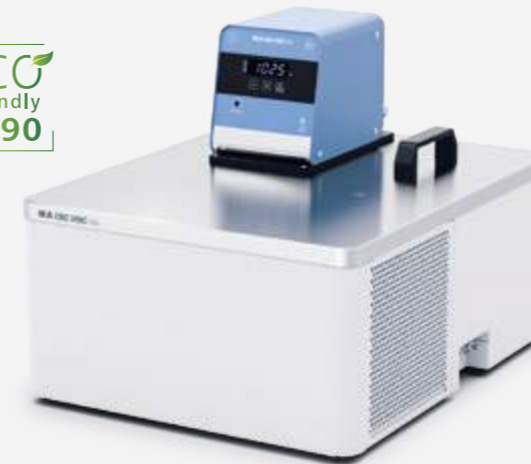
MEASURING RANGES	
<b>ROTAVISC lo-vi</b>	
Viscosity measuring range*	1 – 6 000 000 mPas
<b>ROTAVISC me-vi</b>	
Viscosity measuring range	100 – 40 000 000 mPas
<b>ROTAVISC hi-vi I</b>	
Viscosity measuring range	200 – 80 000 000 mPas
<b>ROTAVISC hi-vi II</b>	
Viscosity measuring range	800 – 320 000 000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

\* 1 mPas with ELVAS-1

## /// TEMPERATURE CONTROL SOLUTIONS

## CBC VISC lite

Heating and cooling bath circulator for a temperature range from -25 °C to 125 °C.

EUR 3.770,00  
Ident. No. 0020102007ECO  
Friendly  
R290

## ROTATEMP

High-temperature system for reliable heating up to 300 °C.

EUR 3.800,00  
Ident. No. 0020113825

Further package information on page 177



NEW!

TECHNICAL DATA	CBC VISC LITE
Appliance type	Refrigerated and heating circulator
Cooling agent	R 290
Heat output	2000 W
Working temperature	-25 – 125 °C
Temperature stability DIN 12876 (@+70°C)	±0.05 K
Connection for ext. temperature sensor	PT 100
Dimensions (W x H x D)	414 x 392 x 505 mm
Weight	29 kg
Protection class according to DIN EN 60529	IP 21

TECHNICAL DATA	ROTATEMP
Sample volume min.	7 ml
Sample volume max.	13 ml
Sample container	Specified chamber
Working temperature max.	300 °C
Power input	300 W
Interface	RS 232
Dimensions (W x H x D)	265 x 220 x 270 mm
Protection class according to DIN EN 60529	IP 40



ROTASTAND



SP RACK



HELISTAND

Product	Description	Ident. No.	Price
<b>STANDS</b>			
ROTASTAND	Stand for ROTAVISC	0020116428	EUR 951,00
HELISTAND	Electrical stand for ROTAVISC	0020116429	EUR 1.246,00
HELISTAND Set	Electrical stand incl. T-spindle set	0020128647	EUR 1.678,00
SP RACK	Spindle rack	0020104809	EUR 71,00
<b>SOFTWARE</b>			
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	EUR 1.158,00



HELISTAND Set  
(HELISTAND + T-SP-Set)



Adapter: DINS-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 2.352,00
O DIN S-1	Open DIN adapter set	0025000326	EUR 2.352,00
SAS-1	Spiral adapter set	0025000377	EUR 1.241,00
ELVAS-1	Extremely low viscosity adapter set	0025000390	EUR 1.557,00
VOLS-1	Low volume adapter set	0025000352	EUR 1.336,00
VOLS-1 flex	Adapter set for small volumes, without spindle and chamber	0020114188	EUR 680,00
<b>OTHER ACCESSORIES</b>			
DWB 600	Double-walled beaker 600 ml	0020024575	EUR 832,00
BH 600	Clamp for 600 ml beaker	0025000400	EUR 160,00
Hook Connector	Hook connector for spindles	0025000338	EUR 166,00
Quick Connector	Quick connector for spindles	0025000339	EUR 166,00
PT 100.8	Temperature sensor, stainless steel, Ø 3 mm, 75 mm	0025000413	EUR 67,50
<b>SPINDLE SET</b>			
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	EUR 236,00
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	EUR 201,00
T-SP-Set	T-spindle set	0025007765	EUR 433,00
VAN-1	Vane spindle set	0025000407	EUR 1.158,00



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</b>			
SP-1	Standard spindle	0025006828	EUR 94,50
SP-2	Standard spindle	0025006829	EUR 89,50
SP-3	Standard spindle	0025006830	EUR 87,00
SP-4	Standard spindle	0025006831	EUR 81,50
SP-5	Standard spindle	0025006832	EUR 160,00
SP-6	Standard spindle	0025006833	EUR 160,00
SP-7	Standard spindle	0025006834	EUR 68,50
SP-8	Standard spindle	0025006835	EUR 66,50
SP-9	Standard spindle	0025006836	EUR 66,50
SP-10	Standard spindle	0025006837	EUR 63,00
SP-11	Standard spindle	0025006838	EUR 60,00
SP-12	Standard spindle	0025006839	EUR 48,00
T-SP-1	T-spindle	0025008238	EUR 71,00
T-SP-2	T-spindle	0025008239	EUR 71,00
T-SP-3	T-spindle	0025008240	EUR 71,00
T-SP-4	T-spindle	0025008241	EUR 71,00
T-SP-5	T-spindle	0025008242	EUR 71,00
T-SP-6	T-spindle	0025008243	EUR 71,00
T-SP-nut	T-spindle nut	0020108874	EUR 63,00
T-SP-coupling	T-spindle coupling	0020108842	EUR 103,00
VAN-SP-1	Vane spindle	0025006853	EUR 393,00
VAN-SP-2	Vane spindle	0025006854	EUR 318,00
VAN-SP-3	Vane spindle	0025006855	EUR 290,00
VAN-SP-4	Vane spindle	0025006856	EUR 272,00
VAN-SP-5	Vane spindle	0025008376	EUR 257,00
S-SP	Spiral spindle	0025006843	EUR 179,00
S-C-1	Chamber for S-SP spiral spindle	0020108896	EUR 626,00
SCB	Spindle brush for S-SP	0020108882	EUR 48,00
VOL-SP-6.7	Spindle for VOLS-1, 6.7 ml	0025006845	EUR 362,00
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	EUR 362,00
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	EUR 373,00
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	EUR 373,00
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	EUR 373,00
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	EUR 373,00
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	EUR 373,00
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	EUR 373,00
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	EUR 373,00



VOL-C-RTD-3.8



VOL-C-RTD-4.2



CAL-O-5



CAL-O-100000

Product	Description	Ident. No.	Price
VOL-SP-2.1-S	Solid shaft spindle	0020118239	EUR 373,00
VOL-C-RTD-1	VOL-C-RTD-1 chamber	0025007603	EUR 452,00
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	EUR 452,00
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	EUR 373,00
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	EUR 452,00
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	EUR 373,00
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	EUR 452,00
VOLS 1.11	Extension connector	0020107301	EUR 108,00
VOLS 1.21	Cover for VOLS chamber	0020108881	EUR 30,50
ELVAS-SP	ELVAS Spindle	0025006844	EUR 373,00
ELVAS-C	ELVAS sample chamber (open)	0020107138	EUR 334,00
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	EUR 221,00
DIN-SP-5	DIN spindle 5	0025006840	EUR 373,00
DIN-SP-6	DIN spindle 6	0025006841	EUR 373,00
DIN-SP-7	DIN spindle 7	0025006842	EUR 373,00
DIN-C-1	Chamber for DIN-SP-5	0020108883	EUR 382,00
DIN-C-2	Chamber for DIN-SP-6, DIN-SP-7	0020108885	EUR 382,00
O-DIN-C-1	Open chamber for DIN-SP-5	0020108887	EUR 334,00
O-DIN-C-2	Open chamber for DIN-SP-6	0020108888	EUR 334,00
O-DIN-C-3	Open chamber for DIN-SP-7	0020108889	EUR 334,00
CC-1	Chamber cap (6 pcs.) for ELVAS / DINS	0020107043	EUR 34,00

**STANDARD SILICONE OILS**

CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	EUR 154,00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	EUR 154,00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	EUR 154,00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	EUR 154,00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	EUR 154,00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	EUR 154,00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	EUR 154,00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	EUR 154,00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	EUR 154,00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	EUR 154,00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	EUR 154,00

IKA vacuum pumps, a small yet excellent product group, are exceptionally well suited for many dry and oil-free applications within a laboratory setting. The devices are characterized by their high suction capacity and are extremely low-maintenance. Our diaphragm vacuum pumps are particularly resistant to chemicals and are ideal for material separation, filtration, or de-gassing. However, it is also possible to connect up any number of vacuum controllers in series and thus assemble a complete laboratory vacuum system.

## VACSTAR LITE

### /// The vacuum team player

The new VACSTAR lite 2-cylinder vacuum pump is a speed-controlled pump for dry and oil-free vacuum applications. It is equipped with chemically resistant diaphragms. With its final vacuum pressure of 9 mbar, it is suitable as a peripheral device for almost all standard vacuum applications within the laboratory.

#### PERFECT AS PART OF A TEAM

VACSTAR lite is optimized to operate as part of a larger set-up, for example with rotary evaporators, laboratory reactors, tempering chambers, or centrifuges. It enables seamless communication between devices such as vacuum controllers and circulators, and thus ensures synchronized laboratory processes.

#### COMPACT AND ROBUST

Thanks to its space-saving design, VACSTAR lite requires barely any surface space in the laboratory. The robust construction and integrated valve-cleaning function guarantee long-term reliability with minimal maintenance effort.

#### ATTRACTIVE PACKAGES

Depending on your desired level of automation, our packages contain different vacuum controllers. Also for further enhanced safety, our Plus Packages contain the VSE 1 emission condenser, which protects the user against emitted solvent vapors and keeps the ambient air clean.



#### VACSTAR lite

EUR 1.260,00

Ident. No. 0020124926

NEW!



Further package information on page 173



#### VACSTAR digital

EUR 2.976,00

Ident. No. 0020016236

#### VACSTAR control

EUR 4.767,00

Ident. No. 0020109375

#### TECHNICAL DATA

	VACSTAR LITE	VACSTAR DIGITAL   VACSTAR CONTROL
Pump rate max.	1 m <sup>3</sup> /h	1.32 m <sup>3</sup> /h
Max. pump rate	16.67 l/min	22 l/min
Boiling point detection	No	No   Yes
Solvent library	No	No   Yes
Speed range	285 – 1100 rpm	285 – 1200 rpm
Vacuum sensor	No	No   Yes
Two-point control	No	Yes   No
Min. input pressure	10 mbar	2 mbar
Max. input pressure	1030 mbar	1030 mbar
Dimensions (W x H x D)	115 x 292 x 280 mm	150 x 375 x 370 mm 270 x 435 x 500 mm
Protection class acc. to DIN EN 60529	IP 20	IP 20
RS 232 / USB interface	No / Yes	Yes

Product	Ident. No.	Price
<b>ACCESSORIES VACUUM PUMPS</b>		
VSE 1 vacuum safety emission	0035001873	EUR 603,00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	EUR 48,00



VSE 1



VH.SI.8

**MVP 10 basic**

EUR 2.067,00  
Ident. No. 0003980000



Product	Ident. No.	Price
<b>ACCESSORIES MVP 10 BASIC</b>		
VCV 1 vacuum control valve manual	0020004850	EUR 752,00
VCV 2 vacuum control valve digital	0020004893	EUR 1.245,00
VSS 1 vacuum safety set	0020005194	EUR 1.053,00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	EUR 48,00
Y hose connector 8 mm	0020010963	EUR 6,90



VSS 1



VCV 1



VC 10.300



VC 10.400

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 VACUUM CONTROLLER</b>		
VC 10.300 check valve	0020011105	EUR 221,00
VC 10.400 table holder	0035001735	EUR 272,00
VC 10.500 Stand pole for VACSTAR digital	0035002702	EUR 100,00
VC 10.600 Stand pole for VACSTAR lite	0020129298	EUR 75,00

- ① **VC 10 lite**  
EUR 1.038,00  
Ident. No. 0020111998
- ② **VC 10 pro**  
EUR 1.563,00  
Ident. No. 0020112031



TECHNICAL DATA	VC 10 LITE	VC 10 PRO
Vacuum sensor		Yes
Min. input pressure		1 mbar
Max. input pressure		1050 mbar
Boiling point detection	–	Yes
Vacuum valve	–	Yes
Two-point regulation	–	Yes
Analog speed vacuum control		Yes
Ventilation valve		Yes
Automatic mode	No	Yes
Manual mode	Yes	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

According to DIN 12876, our wide range of chillers, heating bath circulators and immersion circulators are suitable for a temperature range from -30 to 250 °C. All temperature control devices meet the highest requirements for precision, safety, performance and intelligence. With the new circulators in the "lite" series, we are even better able to meet our customers' requirements.

## STRAIGHT TO THE POINT

/// Temperature control series "lite"

### FOCUS ON THE ESSENTIAL

Sometimes you need a laboratory device only for a very specific application. For example, as a peripheral device or an entry-level device. Laboratory devices within the lite series are exactly that: devices that offer you the essential basic functions. They have everything you need. And deliberately nothing more.

### POWERFUL AND HIGH-QUALITY

Lite devices are powerful and of high quality, with a focus on essential basic functions, excellent performance and efficient operation. They are also made for the future in the laboratory: RC 2 lite, HRC 2 lite and CBC VISC lite work with the natural refrigerant R 290.

NEW!



### ICC 100 lite

EUR 800,00  
Ident. No. 0020105647

### ICC 150 lite

EUR 950,00  
Ident. No. 0020105581

NEW!



### ① ICC basic

EUR 1.499,00  
Ident. No. 0004134400

### ② ICC control

EUR 2.180,00  
Ident. No. 0004136600



### IC basic

EUR 3.131,00  
Ident. No. 0003861000

### IC control

EUR 4.060,00  
Ident. No. 0003863000

CC 1 cooling coil included in delivery



TECHNICAL DATA	ICC 100 lite	ICC 150 lite	ICC BASIC / CONTROL	IC BASIC / CONTROL
Appliance type	Compact immersion circulator	Compact immersion circulator	Compact immersion circulator	Immersion circulator
Heat output (230 / 115 V)	2000 / -	2000 / -	2000 / 1000 W	2500 / 1250 W
Temperature range	RT +10 °C* - 100 °C	RT +10 °C* - 150 °C	RT +10 °C** - 150 °C	RT +10 °C - 250 °C***
Display	LED	LED	LED / TFT	LED / TFT (wireless)
Temperature stability DIN 12876	± 0.05 K	± 0.05 K	± 0.02 K / ± 0.01 K	± 0.02 K / ± 0.01 K
Max. flow rate	-	18 l/min	18 l/min	31 l/min
Max. pump pressure	-	0.3 bar	0.3 bar	0.61 bar
Min. suction pressure	-	0.1 bar	0.2 bar	0.45 bar
Dimensions (W x H x D)	135 x 180 x 303 mm	135 x 180 x 303 mm	145 x 340 x 200 mm	285 x 313 x 291 mm

\* Possible operating temperatures with cooling coil: -25 °C to 100/150 °C

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

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

Product	Description	Bath size	Bath opening (W x D)*	Ident. No.	Price
<b>HEATING BATH CIRCULATORS</b>					
ICC 100 lite eco 8	Package with 8 l eco bath	S	188 x 105 mm	0010013176	EUR 1.353,00
ICC 100 lite eco 18	Package with 18 l eco bath	L	245 x 305 mm	0010013187	EUR 1.513,00
<b>NEW!</b> ICC 150 lite pro 9	Package with 9 l pro bath	S	195 x 100 mm	0010013199	EUR 1.678,00
ICC 150 lite pro 12	Package with 12 l pro bath	M	255 x 127 mm	0010013210	EUR 1.747,00
ICC 150 lite pro 20	Package with 20 l pro bath	L	255 x 309 mm	0010013221	EUR 1.875,00
ICC basic eco 8	Package ICC basic, 8 l eco bath	S	188 x 105 mm	0008034900	EUR 2.009,00
ICC basic pro 9	Package ICC basic, 9 l pro bath	S	195 x 100 mm	0008035100	EUR 2.192,00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 x 127 mm	0010000414	EUR 2.276,00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 x 305 mm	0008035000	EUR 2.185,00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 x 309 mm	0008035200	EUR 2.404,00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 x 105 mm	0008035300	EUR 2.656,00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 x 100 mm	0008035500	EUR 2.839,00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 x 127 mm	0010000415	EUR 2.923,00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 x 305 mm	0008035400	EUR 2.832,00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 x 309 mm	0008035600	EUR 3.051,00
<b>COMBINED HEATING BATH CIRCULATORS</b>					
<b>NEW!</b> ICC 150 lite pro 9 c	Package with 9 l pro bath, cover	S	195 x 100 mm	0010013233	EUR 2.019,00
ICC 150 lite pro 12 c	Package with 12 l pro bath, cover	M	255 x 127 mm	0010013244	EUR 2.127,00
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 x 105 mm	0008035700	EUR 2.507,00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 x 100 mm	0008035900	EUR 2.689,00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 x 127 mm	0010000416	EUR 2.813,00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 x 305 mm	0008035800	EUR 2.749,00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 x 309 mm	0008036000	EUR 2.969,00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 x 105 mm	0008036100	EUR 3.525,00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 x 100 mm	0008036300	EUR 3.707,00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 x 305 mm	0008036200	EUR 3.767,00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 x 127 mm	0010000417	EUR 3.830,00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 x 309 mm	0008036400	EUR 3.986,00
<b>PACKAGES WITH MAGNETIC STIRRER</b>					
ICC basic IB R RO 15 eco	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002471	EUR 4.922,00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002474	EUR 5.535,00
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006740	EUR 5.855,00
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006736	EUR 6.468,00

eco: plastic bath | pro: stainless steel bath

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



Product	Description	Bath size	Bath opening (W x D)*	Ident. No.	Price
<b>COMBINED HEATING BATH CIRCULATORS</b>					
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 x 80 mm	0008039900	EUR 4.524,00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 x 262 mm	0008036800	EUR 4.704,00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0008040000	EUR 5.238,00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0008037200	EUR 5.419,00

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

/// HEATING BATH CIRCULATORS

- ① **HBC 5 basic**  
EUR 3.947,00  
Ident. No. 0004125000
- ② **HBC 5 control**  
EUR 5.079,00  
Ident. No. 0004127000
- ③ **HBC 10 basic**  
EUR 4.219,00  
Ident. No. 0004135000
- ④ **HBC 10 control**  
EUR 5.351,00  
Ident. No. 0004137000



/// REFRIGERATED AND HEATING BATH CIRCULATORS

- ① **CBC 5 basic**  
EUR 5.963,00  
Ident. No. 0004165000
- ② **CBC 5 control**  
EUR 7.112,00  
Ident. No. 0004167000



/// REFRIGERATED AND HEATING CIRCULATORS

- ① **HRC 2 basic**  
EUR 4.646,00  
Ident. No. 0025003742
- ② **HRC 2 control**  
EUR 6.186,00  
Ident. No. 0025004524



/// REFRIGERATED AND HEATING CIRCULATOR

- HRC 2 lite**  
EUR 3.044,00  
Ident. No. 0020104311



TECHNICAL DATA	HBC 5 BASIC   CONTROL HBC 10 BASIC   CONTROL	CBC 5 BASIC   CONTROL	HRC 2 BASIC   CONTROL	HRC 2 LITE
Appliance type	Heated bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator
Temperature range	RT +10 °C* – 250 °C	-25 °C – 200 °C	-20 °C – 100 °C   -30 °C** – 100 °C	-10 °C – 100 °C
Heater capacity	2500 W	2500 W	1500 W	1000 W
Filling volume	5 – 7 l   8 – 11 l 5 – 7 l   8 – 11 l	5 – 7 l	1.4 – 4 l	1 – 3.5 l
Cooling capacity at 20 °C	–	350 W	400 W	400 W
Display	LED   TFT (wireless)	LED   TFT (wireless)	LED   TFT (wireless)	LED
Temperature stability DIN 12876	± 0.02 K   ± 0.01 K	± 0.02 K   ± 0.01 K	± 0.1 K   ± 0.05 K	± 0.1 K
Max. flow rate	31 l/min	31 l/min	21 l/min	18 l/min
Max. pump pressure/suction	0.61 bar / 0.45 bar	0.61 bar / 0.45 bar	0.5 bar / 0.25 bar	0.35 / 0.15 bar
Dimensions (W x H x D)	275 x 406 x 500 mm 275 x 456 x 500 mm	275 x 690 x 490 mm	220 x 475 x 525 mm	225 x 385 x 430 mm

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

/// RECIRCULATING CHILLER

- RC 2 lite**  
EUR 2.656,00  
Ident. No. 0025006624



- ① **RC 2 basic**  
EUR 4.137,00  
Ident. No. 0004171000
- ② **RC 2 control**  
EUR 5.268,00  
Ident. No. 0004173000



- ① **RC 2 GREEN basic**  
EUR 4.468,00  
Ident. No. 0025004186
- ② **RC 2 GREEN control**  
EUR 5.897,00  
Ident. No. 0025006638



- ① **RC 5 basic**  
EUR 5.838,00  
Ident. No. 0004181000
- ② **RC 5 control**  
EUR 7.093,00  
Ident. No. 0004183000



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 fluid	R290	R134a	R290	R290
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	± 0.5 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	0.35 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 165,00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	EUR 206,00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	EUR 235,00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	EUR 669,00
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	EUR 344,00
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	EUR 165,00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	EUR 173,00
BS.ICC lite	Bridge, small for ICC lite, 8/9 l bath vessels	0020119539	EUR 173,00
BL.ICC lite	Bridge, big for ICC lite, 8/9 l bath vessels	0020119540	EUR 165,00
CC2	Cooling coil for ICC	0025001061	EUR 165,00
PCS.ICC	Pump connection set for ICC	0004471900	EUR 194,00

Product	Description	Ident. No.	Price
<b>ACCESSORIES FOR IC</b>			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	EUR 170,00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	EUR 225,00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	EUR 170,00
CC1	Cooling coil for IC basic / control	0020005116	EUR 177,00

<b>BATH VESSELS</b>			
<b>Bath size S</b>			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	EUR 451,00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	EUR 479,00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	EUR 643,00
<b>Bath size M</b>			
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	EUR 724,00
<b>Bath size L</b>			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	EUR 628,00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	EUR 710,00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	EUR 628,00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	EUR 888,00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	EUR 1.077,00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	EUR 2.114,00
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	EUR 859,00



HF.Si.20.200.50



LT 5.32



H.SI.8



H.FKM.12.ISO



ISO.8



ISO.12

Product	Description	Ident. No.	Price
<b>THERMOFLUIDS</b>			
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	EUR 656,00
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	EUR 587,00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	EUR 615,00

<b>HOSES</b>			
LT 5.32	Temperature control hose, 1.6 m	0020113271	EUR 915,00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1.5 m	0004568800	EUR 17,40
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1.5 m	0004568900	EUR 22,00
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	EUR 35,00
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1.5 m	0004569000	EUR 43,50
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1.5 m	0004569100	EUR 51,00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 x 1.5 m, reinforced	0020004612	EUR 76,50
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 x 1.5 m	0020004613	EUR 95,50
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 x 1.5 m	0004569200	EUR 385,00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 x 1.5 m, M 16 x 1	0004569300	EUR 507,00
H.FKM.8.ISO	Hose set FKM incl. insulation, Ø 8 mm	0010011653	EUR 421,00
H.FKM.12.ISO	Hose set incl. insulation, FKM, Ø 12 mm	0010011652	EUR 553,00
H.PUR.12.AD	Hose set incl. M 16x1 connection, PUR 90 °C, Ø 12 mm	0010011654	EUR 176,00

<b>INSULATION FOR HOSES</b>			
ISO.8	Insulation, Ø 8 mm, 2 x 1.5 m	0004569400	EUR 36,00
ISO.12	Insulation, Ø 12 mm, 2 x 1.5 m	0004569500	EUR 46,00



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 111,00
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	EUR 111,00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	EUR 111,00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	EUR 186,00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 17 mm	0020004030	EUR 186,00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	EUR 186,00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	EUR 241,00
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	EUR 76,50
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	EUR 76,50
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	EUR 76,50
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	EUR 525,00
Bottom plate L	Bottom plate for bath size L	0020006212	EUR 574,00
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	EUR 479,00
<b>FLOATING RACKS</b>			
Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	EUR 44,50
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	EUR 44,50
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	EUR 44,50
<b>ADDITIONAL ACCESSORIES</b>			
WH10	WiCo Holder	0020000984	EUR 29,00
PT 100.30	Temp. sensor, stn. steel	0004284700	EUR 390,00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	EUR 241,00
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	EUR 146,00
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	EUR 185,00
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	EUR 265,00



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 520,00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	EUR 765,00
Ball valve M16 x 1	Ball valve, completely opening (M 16 x 1)	0020004620	EUR 115,00
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	EUR 426,00
<b>ADAPTERS</b>			
Elbow tube 90°	Elbow tube 90°	0025001212	EUR 103,00
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	EUR 70,00
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	EUR 6,90
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	EUR 37,00
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	EUR 37,00
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	EUR 37,00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	EUR 37,00
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	EUR 57,00
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	EUR 173,00
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	EUR 206,00
Adapter M16 x 1 f - G1/4 m	Adapter M 16 x 1 female to G 1/4 male	0020008807	EUR 124,00
Adapter M16 x 1 m - G1/4 m	Adapter M 16 x 1 male to G 1/4 male	0020008734	EUR 64,50
Adapter M16 x 1 m - G1/2 m	Adapter M 16 x 1 male to G 1/2 male	0020008796	EUR 64,50
Adapter M16 x 1 f - G1/2 m	Adapter M 16 x 1 female to G 1/2 male	0020008800	EUR 124,00
Adapter M16 x 1 f - G3/8 m	Adapter M 16 x 1 female to G 3/8 male	0020008730	EUR 124,00
Adapter M16 x 1 m - G3/8 m	Adapter M 16 x 1 male to G 3/8 male	0020008754	EUR 64,50
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 64,50
Lock nut	Lock nut, 2 pcs.	0020004583	EUR 43,50
Stopper	Stopper, 2 pcs.	0020004584	EUR 43,50

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 1.234,00

Ident. No. 0004025100



### Dry Block Heater 2

EUR 1.507,00

Ident. No. 0004025200



### Dry Block Heater 3

EUR 1.767,00

Ident. No. 0004025300



### Dry Block Heater 4

EUR 2.037,00

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 4.1



DB 4.6



DB 5.2



DB 5.8



DB 8.1

Product	Description	Ident. No.	Price
<b>MICRO CENTRIFUGE TUBES</b>			
DB 1.1	Single block, PCR tubes, Ø 7.9 mm	0004467600	EUR 137,00
DB 1.2	Single block, microtubes, Ø 11.5 mm	0004467700	EUR 137,00
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800	EUR 137,00
DB 1.4	Single block, microtubes, Ø 10.9 mm	0004467900	EUR 137,00
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	EUR 137,00
<b>CONICAL BOTTOM CENTRIFUGE TUBES</b>			
DB 2.1	Single block, conical tubes, Ø 17.1 mm	0004468100	EUR 137,00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	EUR 137,00
<b>COMBINATION BLOCKS</b>			
DB 3.1	Single block, test tube comb., 6   12   13   25 mm	0004468300	EUR 137,00
DB 3.2	Single block, centrifuge comb., 1.5   15   50 ml	0004468400	EUR 137,00
DB 3.3	Single block, microtube comb., 0.5   1.5   2 ml	0004468500	EUR 137,00
<b>STANDARD TEST TUBES</b>			
DB 4.1	Single block, 30 round tubes, Ø 8.3 mm	0004468600	EUR 144,00
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700	EUR 144,00
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800	EUR 144,00
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900	EUR 144,00
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000	EUR 144,00
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	EUR 144,00
DB 4.7	Single block, 6 round tubes, Ø 26.2 mm	0004469200	EUR 144,00
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	EUR 144,00
DB 4.9	Single block, 12 round tubes, Ø 19.1 mm	0004469400	EUR 144,00
<b>VIALS</b>			
DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500	EUR 144,00
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600	EUR 144,00
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700	EUR 144,00
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800	EUR 144,00
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900	EUR 144,00
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000	EUR 144,00
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100	EUR 144,00
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200	EUR 144,00
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300	EUR 144,00
<b>STANDARD TEST TUBES</b>			
DB 6.1	Single block, 10 × 8 PCR tube strips, Ø 6.4 mm	0004470400	EUR 137,00
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500	EUR 137,00
DB 6.3	Double block, 1 × 96-Well PCR plate, Ø 6.4 mm	0004470600	EUR 331,00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	EUR 199,00
DB 8.1	Single block, 2 × 6 cuvettes, Ø 12.5 mm	0004470700	EUR 137,00
<b>TEMPERATURE SENSORS</b>			
PT 1000.60	Temp. sensor, stn. steel, Ø 3 mm, depth: 230 mm	0003516800	EUR 165,00
PT 1000.90	Temp. sensor, coated, Ø 3 mm, depth: 230 mm	0004480600	EUR 234,00

**C-MAG HP 4**

EUR 655,00

Ident. No. 0003581600

**C-MAG HP 7**

EUR 720,00

Ident. No. 0003581800

**C-MAG HP 10**

EUR 983,00

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

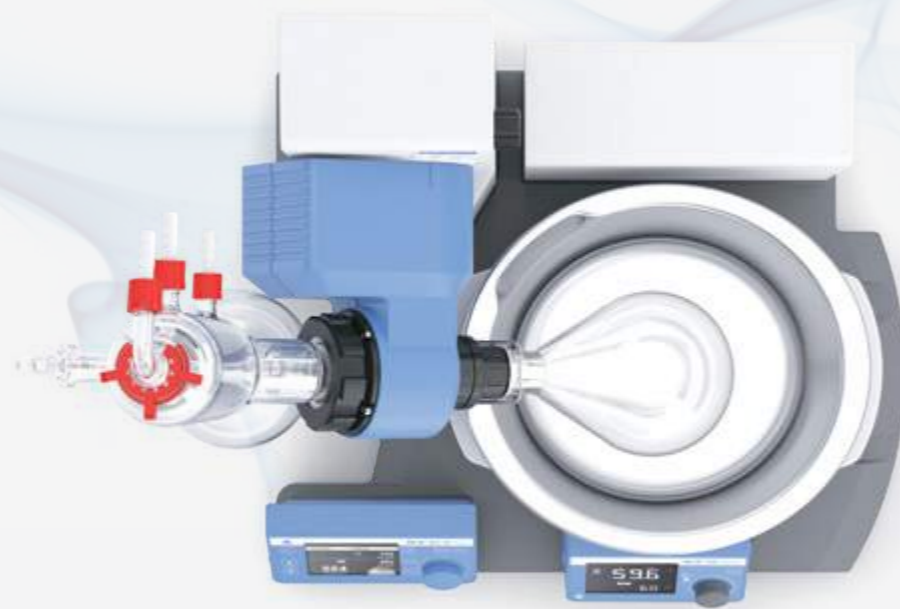
IKA heating baths are developed with a strong focus on safety. All baths are equipped with a double jacket to protect against burns and a safety temperature monitor prevents overheating of the bath. After turning on the unit, the safety functions are automatically checked.

### HB DIGITAL

/// Enlarged volume

The universal heating bath HB digital 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 1.431,00  
Ident. No. 0020016337



#### HB digital

EUR 1.784,00  
Ident. No. 0020016334



Heating temperature up to 180 °C

#### HBR 4 control

EUR 4.802,00  
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 1.029,00
<b>ACCESSORIES HBR 4 CONTROL</b>		
H 240 Ring set	0002858700	EUR 675,00
H 159 Intermediate bottom	0001809700	EUR 309,00

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

Heat on a grand scale: Our drying ovens handle the particularly powerful tempering and drying. Our incubators ensure ideal growth conditions for cell cultures. All devices are known for their precision. And if you wish, your samples can also be shaken – in our new incubation shaker.

## INC 125 FS DIGITAL

/// Incubator shaker with patented removable shaker platform



▶ Watch IKA INC video



Its removable shaker platform is patented: The INC 125 FS digital accommodates three additional grid shelves for incubation in addition to the shaker platform. If the platform is removed, six wire grid trays fit into the 125-liter interior. It can then be used like a normal incubator.

INC 125 FS digital is particularly suitable for applications in the life sciences: for microbiological tests, stability studies or cell cultivation.

### ERGONOMIC

The shaker platform can be easily removed, for example, to attach retaining clamps quickly and ergonomically. If you then push the platform into the illuminated incubator up to the mark, it sits tilt-proof and can be filled conveniently.

### EASY TO CLEAN

The inner chamber is made of corrosion-resistant AISI 304 material, and thanks to the removable shaker platform, INC 125 FS digital has fewer dead spots. Added to this is its practical drip tray which helps to catch sample spills. Altogether, this makes cleaning the incubator shaker much faster and easier. And to avoid cross-contamination, a decontamination mode is available for disinfection purpose.

### PRECISE

INC 125 FS digital enables precise temperature control in the range from +8°C to +80°C and homogeneous temperature distribution. Temperature stability is excellent at +/- 0.1°C. After opening the door, the temperature quickly returns to the desired level. This is due to the fact that preheated air is supplied. In addition, the good insulation and recirculation mode help save energy.

### /// INCUBATOR

#### INC 125 F digital

EUR 2.204,00  
Ident. No. 0020117172



### /// INCUBATOR SHAKER

#### INC 125 FS digital (SP20)

EUR 5.501,00  
Ident. No. 0020117221

#### INC 125 FS digital (SP25)

EUR 5.501,00  
Ident. No. 0020117230



#### INC 125 FC digital Incubator cooled

EUR 4.800,00  
Ident. No. 0020126186



NEW!



TECHNICAL DATA	INC 125 F DIGITAL	INC 125 FS DIGITAL (SP20)   (SP25)	INC 125 FC DIGITAL
Type	Incubator	Incubator shaker	Incubator cooled
Total volume inner chamber	125 l	125 l	125 l
Working temperature	RT+ 8 °C – 100 °C	RT+ 8 °C – 80 °C	-5 °C – 100 °C
Heat output	750 W	750 W	750 W
Temperature stability	± 0.3 K	± 0.1 K	±0.2 K
Temperature safety class (DIN 12880)	TB class 1	TB class 1	TB class 1
Cooling agent	–	–	R290
Interior lighting	No	Yes	No
Decontamination mode	Yes (120 °C)	Yes (100 °C / 120 °C)	Yes (100 °C)
Speed range	–	10 – 300 rpm	–
Shaking stroke	–	20 mm   25 mm	–
Dimensions (W x H x D)	700 x 720 x 635 mm	700 x 720 x 635 mm	700 x 1000 x 635 mm

**OVEN 125 basic - dry**

EUR 2.593,00  
Ident. No. 0020003215

Temperature /  
time dependent  
timer function



**OVEN 125 control - dry**

EUR 4.063,00  
Ident. No. 0020003990



**OVEN 125 basic - dry glass**

EUR 3.114,00  
Ident. No. 0020003956



**OVEN 125 control - dry glass**

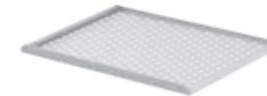
EUR 4.572,00  
Ident. No. 0020003996



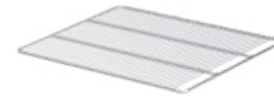
Real time  
data logging  
function

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 Safety Class (DIN 12880)	TB (Class 1)	TB (Class 1); TWB (Class 2)
Data logging function	No	Yes
Cable access port	No	Yes
Interior lighting	No	Yes
PT 100 interface	No	Yes
Protection class according to DIN EN 60529	IP 20	IP 20
Dimensions (W x H x D)	700 x 825 x 650 mm	700 x 825 x 650 mm



IO T 2.20



IO T 2.10



IO SP 20 / IO SP 25



AS 2.1

AS 2.4



IO F 1.20



IO B 1.10

Product	Description	Ident. No.	Price
<b>ACCESSORIES FOR INC 125 INCUBATOR AND INCUBATOR SHAKER</b>			
IO T 2.20	Perforated tray	0020118202	EUR 133,00
IO T 2.10	Wire grid tray	0020118621	EUR 61,00
IO S 2.10	Stacking kit	0020118174	EUR 66,50
	Service - changing of door opening direction	0010012073	EUR 165,00

<b>ACCESSORIES FOR INC 125 F DIGITAL INCUBATOR</b>			
IO L 2.10	Door lock	0035004372	EUR 110,00

<b>ACCESSORIES FOR INC 125 FS DIGITAL INCUBATOR SHAKER</b>			
IO SP 20	Shaker platform with 20 mm shaking stroke	0035004555	EUR 2.094,00
IO SP 25	Shaker platform with 25 mm shaking stroke	0020117011	EUR 2.094,00
IO T 2.30	Drip pan	0020118266	EUR 120,00
IO R 2.10	Testtube rack variable	0020125567	EUR 299,00
STICKMAX	Universal adhesive mat	0003920000	EUR 67,50
AS 2.0	Fixing clips, 10 ml	0020016475	EUR 61,00
AS 2.1	Fixing clips, 25 ml	0001234300	EUR 32,50
AS 2.2	Fixing clips, 50 ml	0001234400	EUR 32,50
AS 2.3	Fixing clips, 100 ml	0001234500	EUR 32,50
AS 2.4	Fixing clips, 200 / 250 ml	0001234600	EUR 61,00
AS 2.5	Fixing clips, 500 ml	0001234700	EUR 61,00
AS 2.6	Fixing clips, 1000 ml	0003819300	EUR 61,00
AS 2.7	Fixing clips, 2000 ml	0020016476	EUR 85,50

<b>ACCESSORIES FOR OVEN</b>			
IO F 1.20	Spacer frame	0035001326	EUR 587,00
PT 100.31	Temp. sensor, stn. steel, Ø 6 mm, 265 mm	0020009564	EUR 378,00

<b>ACCESSORIES FOR ALL TEMPERING CHAMBERS</b>			
IO T 1.00	Wire grid tray, chrom plated	0020024935	EUR 165,00
IO T 1.10	Enhanced wire grid tray	0020007600	EUR 289,00
IO F 1.10	Roller frame	0020007601	EUR 1.024,00
IO B 1.10	Roller box	0020007602	EUR 1.173,00
IO P 1.10	Table top work plate	0020007603	EUR 1.090,00

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.



> Check  
RV Configurator

## 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 <b>RV 3 V</b><br>EUR 2.971,00<br>Ident. No. 0010003324                         | <b>NEW!</b><br>⑥ <b>RV 3 V Starter Solution</b><br>EUR 7.482,00<br>Ident. No. 0010013945 | ① <b>RV 8 V</b><br>EUR 3.700,00<br>Ident. No. 0010003482                         | <b>NEW!</b><br>⑥ <b>RV 8 V Starter Solution</b><br>EUR 8.187,00<br>Ident. No. 0010013946 |
| ② <b>RV 3 V-C</b><br>EUR 3.167,00<br>Ident. No. 0010003328                       | ⑦ <b>RV 3 pro V-C Complete</b><br>EUR 9.150,00<br>Ident. No. 0010012324                  | ② <b>RV 8 V-C</b><br>EUR 3.908,00<br>Ident. No. 0010003485                       | ⑦ <b>RV 8 pro V-C Complete</b><br>EUR 10.922,00<br>Ident. No. 0010012325                 |
| ③ <b>RV 3 FLEX</b><br>EUR 2.786,00<br>Ident. No. 0010003331                      |  | ③ <b>RV 8 FLEX</b><br>EUR 3.502,00<br>Ident. No. 0010003488                      |  |
| ④ <b>RV 3 Dry Ice Condenser</b><br>EUR 3.581,00<br>Ident. No. 0010006363         |  | ④ <b>RV 8 Dry Ice Condenser</b><br>EUR 4.311,00<br>Ident. No. 0010006361         |  |
| ⑤ <b>RV 3 Dry Ice Condenser, coated</b><br>EUR 3.780,00<br>Ident. No. 0010006362 |  | ⑤ <b>RV 8 Dry Ice Condenser, coated</b><br>EUR 4.518,00<br>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	1600 cm <sup>2</sup>	1600 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

### OUR PACKAGES

V: vertical glassware  
V-C: vertical glassware with special plastic coating  
FLEX: no glassware included  
Complete: vacuum pump, controller and chiller included

Further package  
information on  
page 168/169

- ① **RV 10 digital V**  
EUR 5.579,00  
Ident. No. 0010004799
- ② **RV 10 digital V-C**  
EUR 6.047,00  
Ident. No. 0010004802
- ③ **RV 10 digital FLEX**  
EUR 5.355,00  
Ident. No. 0010004805
- ④ **RV 10 digital Dry Ice Condenser**  
EUR 6.190,00  
Ident. No. 0010006365
- ⑤ **RV 10 digital Dry Ice Condenser, coated**  
EUR 6.656,00  
Ident. No. 0010006364
- NEW!**
- ⑥ **RV 10 digital V Starter Solution**  
EUR 9.998,00  
Ident. No. 0010013947
- ⑦ **RV 10 digital pro V-C Complete**  
EUR 12.025,00  
Ident. No. 0010012326



TECHNICAL DATA	RV 10 DIGITAL
Motor type	Brushless DC drive motor
Speed range	5 – 280 rpm
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Type of cooling	Vertical
Cooling surface	1600 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 pro V**  
EUR 11.703,00  
Ident. No. 0010004815\*
- ② **RV 10 auto pro V-C**  
EUR 12.145,00  
Ident. No. 0010004812\*
- ③ **RV 10 auto pro FLEX**  
EUR 11.589,00  
Ident. No. 0010004818\*
- ④ **RV 10 auto pro V-C Complete**  
EUR 13.447,00  
Ident. No. 0010007353
- NEW!**
- ⑤ **RV 10 auto V Starter Solution**  
EUR 11.619,00  
Ident. No. 0010013954
- ⑥ **RV 10 digital pro V double Complete**  
EUR 20.593,00  
Ident. No. 0010011964
- ⑦ **RV 10 digital pro V-C double Complete**  
EUR 21.477,00  
Ident. No. 0010012327

TECHNICAL DATA	RV 10 AUTO PRO
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
Cooling surface	1600 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 10.11 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 1.142,00
RV 10.10	Set of glassware, vertical, coated	0003755400	EUR 1.605,00
RV 10.11 enlarged surface	Vertical-condenser, enlarged surface	0020019652	EUR 1.408,00
RV 10.110 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	EUR 1.701,00
RV 10.2	Set of glassware, diagonal	0003755300	EUR 1.181,00
RV 10.20	Set of glassware, diagonal, coated	0003755500	EUR 1.634,00
RV 10.3	Vertical-intensive condenser, manifold	0003741000	EUR 1.374,00
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	EUR 1.880,00
RV 10.4	Dry ice condenser	0003742000	EUR 1.384,00
RV 10.40	Dry ice condenser, coated	0003742100	EUR 2.209,00
RV 10.5	Vertical-condenser, reflux	0003743000	EUR 2.208,00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	EUR 2.420,00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	EUR 2.424,00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	EUR 2.642,00
RV 05.10	Balljoint clamp	0000736600	EUR 28,50
RV 10.88	Clamp, NS 29	0003683300	EUR 28,50
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	EUR 901,00
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	EUR 1.031,00
RV 10.500	Foam brake, NS 29/32	0003739200	EUR 192,00
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	EUR 773,00
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	EUR 1.292,00
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	EUR 1.810,00
RV 10.610	Distilling sleeve, 20 ml	0003919400	EUR 23,00
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	EUR 942,00
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	EUR 1.032,00
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	EUR 46,50
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	EUR 91,50
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	EUR 46,50
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	EUR 91,50
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	EUR 86,00
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	EUR 171,00
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	EUR 90,50
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	EUR 178,00
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	EUR 91,50
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	EUR 183,00
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	EUR 146,00
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	EUR 286,00
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	EUR 222,00
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	EUR 439,00
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	EUR 46,50
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	EUR 46,50

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 80,00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	EUR 82,50
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	EUR 88,00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	EUR 91,50
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	EUR 150,00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	EUR 277,00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	EUR 157,00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	EUR 162,00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	EUR 201,00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	EUR 236,00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	EUR 266,00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	EUR 352,00
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	EUR 211,00
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	EUR 224,00
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	EUR 275,00
RV 10.70	Vapor tube, NS 29/32	0003812200	EUR 143,00
RV 10.74	Vapor tube, short, NS 29/32	0003971700	EUR 124,00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	EUR 153,00
RV 10.3000	Extension plate	0003859000	EUR 220,00



RV 10.103



RV 10.74



RV 10.8001

RV 10.3000

**ACCESSORIES RV 3**

RV 3.1	Support pole	0025004587	EUR 137,00
RV 3.4	Woulff bottle	0025004588	EUR 195,00
RV 10.5005	Hose kit	0020000552	EUR 137,00

**ACCESSORIES RV 8**

RV 8.1	Support pole	0004438500	EUR 137,00
RV 8.2	Mechanical end stop for RV 8	0025001342	EUR 70,00
RV 8.3	Stand pole	0025004707	EUR 151,00
RV 10.5005	Hose kit	0020000552	EUR 137,00

**ACCESSORIES VALVE RV 10 AUTO**

RV 10.5002	Filter	0003903800	EUR 87,50
RV 10.5003	Pressure regulating valve	0003907100	EUR 275,00



RV 3.1

RV 3.4



RV 10.5002



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.



▶ Watch G-L video

### mini G

EUR 370,00

Ident. No. 0003958000\*



\*Adapters included in delivery

### IKA G-L

EUR 1.102,00

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 59,00
<b>ACCESSORIES IKA G-L</b>		
PCR Set	0030001345	EUR 236,00
CRA-0.2ml-C-6-2ml.6	0030001346	EUR 10,80
CRA-0.5/0.6ml-B-8-2ml.6	0030001347	EUR 10,80
CRA-0.4ml-C-6-2ml.6	0030001334	EUR 10,80
2 ml rotor set	0030001333	EUR 297,00

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 single channel pipettes fix and vario and multichannel pipettes multi can be used for many applications in the modern laboratory. Color 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. IKA PETTE fix, vario and multi are fully autoclavable and can be disassembled without tools, therefore ensuring easy sterilization. This guarantees fault-free, precise and safe operation.



▶ Watch PETTE video

### PETTE multi

/// Multichannel pipettes for precise results

PETTE multi: the multichannel pipette from IKA for easy pipetting in microtiter or deep well plates. Based on the ergonomic PETTE fix and vario single channel pipettes, it combines all the positive features with multiple channels and variable volumes.

#### ERGONOMIC DESIGN

Just like the proven single channel pipettes, the multichannel pipette is also supplied with three different and interchangeable handles. It therefore fits comfortably in the hand of both right- and left-handed users, small and large hands. Whether volume adjustment or ejection of the pipette tips – thanks to the multifunction knob, all handling can be done effortlessly with one hand.

#### DURABLE CONSTRUCTION

The tip cone and piston are coated with high-quality diamond-like carbon (DLC) for high chemical resistance and frictionless operation. At the same time, the high-performance pipette has such a minimalist design that it is particularly robust, easy to clean and fully autoclavable. The PETTE series' large mechanical display is conveniently readable at all times. An integrated air space between the cylinder and the mechanics also insulates the pipette so that it does not heat up in the hand.



#### PETTE multi 8 Channel

- ① **PETTE multi**  
**8 × 0.5 – 10 µl**  
EUR 564,00  
Ident. No. 0020017943
- ② **PETTE multi**  
**8 × 10 – 100 µl**  
EUR 564,00  
Ident. No. 0020017944
- ③ **PETTE multi**  
**8 × 20 – 200 µl**  
EUR 564,00  
Ident. No. 0020017945

#### PETTE multi 12 Channel

- ④ **PETTE multi**  
**12 × 0.5 – 10 µl**  
EUR 646,00  
Ident. No. 0020017946
- ⑤ **PETTE multi**  
**12 × 10 – 100 µl**  
EUR 646,00  
Ident. No. 0020017947
- ⑥ **PETTE multi**  
**12 × 20 – 200 µl**  
EUR 646,00  
Ident. No. 0020017948

	PETTE multi	MAX. VOLUME TIP
①	8 × 0.5 – 10 µl	10 µl
②	8 × 10 – 100 µl	200 µl
③	8 × 20 – 200 µl	200 µl
④	12 × 0.5 – 10 µl	10 µl
⑤	12 × 10 – 100 µl	200 µl
⑥	12 × 20 – 200 µl	200 µl



- ① **PETTE fix 5 µl**  
EUR 179,00  
Ident. No. 0020011219
- ② **PETTE fix 10 µl**  
EUR 179,00  
Ident. No. 0020011220
- ③ **PETTE fix 20 µl**  
EUR 179,00  
Ident. No. 0020011221
- ④ **PETTE fix 25 µl**  
EUR 179,00  
Ident. No. 0020011222
- ⑤ **PETTE fix 50 µl**  
EUR 179,00  
Ident. No. 0020011223
- ⑥ **PETTE fix 100 µl**  
EUR 179,00  
Ident. No. 0020011224
- ⑦ **PETTE fix 200 µl**  
EUR 179,00  
Ident. No. 0020011225
- ⑧ **PETTE fix 250 µl**  
EUR 179,00  
Ident. No. 0020011226
- ⑨ **PETTE fix 500 µl**  
EUR 179,00  
Ident. No. 0020011227
- ⑩ **PETTE fix 1000 µl**  
EUR 179,00  
Ident. No. 0020011228

	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 **PETTE vario 0.1 – 2 µl**  
EUR 269,00  
Ident. No. 0020011210
- ② **PETTE vario 0.5 – 10 µl**  
EUR 269,00  
Ident. No. 0020011211
- ③ **PETTE vario 2 – 20 µl**  
EUR 269,00  
Ident. No. 0020011213
- ④ **PETTE vario 10 – 100 µl**  
EUR 269,00  
Ident. No. 0020011214
- ⑤ **PETTE vario 20 – 200 µl**  
EUR 269,00  
Ident. No. 0020011215
- ⑥ **PETTE vario 100 – 1000 µl**  
EUR 269,00  
Ident. No. 0020011216
- ⑦ **PETTE vario 0.5 – 5 ml**  
EUR 269,00  
Ident. No. 0020011217
- ⑧ **PETTE vario 1 – 10 ml**  
EUR 269,00  
Ident. No. 0020011218

	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 693,00  
Ident. No. 0010007638



**IKA PETTE MicroKit B**

EUR 693,00  
Ident. No. 0010007639



**IKA PETTE Classic Kit**

EUR 697,00  
Ident. No. 0010013011



**IKA PETTE MacroKit**

EUR 713,00  
Ident. No. 0010014029



**PETTE MicroKit A**

- 
- PETTE vario 0.1 – 2 µl
- 
- PETTE vario 0.5 – 10 µl
- 
- PETTE vario 10 – 100 µl
- 
- LINEA Pipette rack
- 
- Tip xs box
- 
- Tip s box

**PETTE MicroKit B**

- 
- PETTE vario 0.1 – 2 µl
- 
- PETTE vario 2 – 20 µl
- 
- PETTE vario 20 – 200 µl
- 
- LINEA Pipette rack
- 
- Tip xs box
- 
- Tip s box

**PETTE Classic Kit**

- 
- PETTE vario 2 – 20 µl
- 
- PETTE vario 20 – 200 µl
- 
- PETTE vario 100 – 1000 µl
- 
- LINEA Pipette rack
- 
- Tip s box
- 
- IKA Tip 1000 µl box

**PETTE MacroKit**

- 
- PETTE vario 100 – 1000 µl
- 
- PETTE vario 0.5 – 5 ml
- 
- PETTE vario 1 – 10 ml
- 
- LINEA Pipette rack
- 
- IKA Tip 1000 µl box
- 
- Tip l box
- 
- Tip xl box



RONDA



Universal fit pipette tips



IKA Tip 1000 µl box

Product	Description	Ident. No.	Price
<b>ACCESSORIES</b>			
LINEA	Pipette rack	0020018987	EUR 76,50
RONDA	Carousel stand for up to 6 pipettes	0020107134	EUR 109,00
Tip 10 µl bag	Pipette tip, 10 µl, transparent, 1000 pcs.	0020114634	EUR 16,10
IKA Tip 10 µl box	Pipette tip, 10 µl, transparent, 960 pcs.	0020116857	EUR 64,00
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	EUR 213,00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	EUR 165,00
Tip 200 µl bag	Pipette tip, 200 µl, transparent, 1000 pcs.	0020114635	EUR 12,20
IKA Tip 200 µl box	Pipette tip, 200 µl, transparent, 960 pcs.	0020116858	EUR 64,00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	EUR 82,00
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	EUR 94,00
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	EUR 213,00
IKA Tip 1000 µl box	Pipette tip, 1000 µl, transparent, 600 pcs.	0020116859	EUR 50,00
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	EUR 165,00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	EUR 225,00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	EUR 118,00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	EUR 236,00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	EUR 142,00
PETTE.GR.1	Pipette grease, 1 g	0020017692	EUR 3,10
PETTE.GR.45	Pipette grease, 45 g	0020119238	EUR 88,50
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	EUR 41,00
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	EUR 41,00



SOFTWARE  
**Pipette Calibration Software**  
EUR 242,00  
Ident. No. 0020022141

Free 30 day trial available

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

We are expanding the portfolio of IKA reactor systems: EasySyn is optimized for organic and aqueous syntheses. As a result, the controllable and reproducible reaction conditions make EasySyn ideal for applications in research and development, the chemical industry or materials research.

## EasySyn reactor system

/// The reactor system for chemical synthesis



> Check  
Configurator

### EVERYTHING FROM ONE HAND

EasySyn is the only reactor system for which you can get all the complementary components from a single source: Overhead stirrers, circulators, vacuum pumps and controllers, sensors and automation software. All from IKA and all perfectly matched to each other.

### WIDE RANGE OF APPLICATIONS

The EasySyn reactor systems are characterized by a wide range of applications such as reflux condensations, reactions under vacuum, crystallizations, (pH-controlled) precipitation reactions, nanoparticle or catalyst syntheses as well as the transfer from laboratory to process scale.

### ERGONOMIC AND SAFE

They are unique thanks to the ergonomically designed stand. It allows quick and easy exchange of the reactor vessels, simple alignment of the stirrer and adjustment of the working height to the user's body size.



### ① EasySyn 500 Starter Reactor System

EUR 8.070,00  
Ident. No. 0020113433

### ② EasySyn 1000 Starter Reactor System

EUR 8.189,00  
Ident. No. 0020113435

### ① EasySyn 2000 Starter Reactor System

EUR 9.106,00  
Ident. No. 0020113438

### ② EasySyn 5000 Starter Reactor System

EUR 9.480,00  
Ident. No. 0020113442

### ① EasySyn 500 Advanced Reactor System

EUR 10.978,00  
Ident. No. 0020113434

### ② EasySyn 1000 Advanced Reactor System

EUR 11.097,00  
Ident. No. 0020113436

### ① EasySyn 2000 Advanced Reactor System

EUR 12.014,00  
Ident. No. 0020113440

### ② EasySyn 5000 Advanced Reactor System

EUR 12.388,00  
Ident. No. 0020113443

#### TECHNICAL DATA

	EasySyn Starter	EasySyn Advanced
Useful volume max.	500 ml, 1000 ml, 2000 ml, 5000 ml	
Operating temperature	-50°C – 200°C	
Attainable vacuum	3 mbar	
Openings reactor vessel (number / standard)	1 × centre NS 29/32, 2 × NS 29/32, 1 × NS 14/23	
Stand dimensions (W × H × D)	500 × 950 × 580 mm	
Draining set LT 5.40	–	inclusive
Overhead stirrer	EUROSTAR 60 digital	EUROSTAR 100 control
Torque max. at the stirrer shaft	60 Ncm	100 Ncm
Timer	–	Yes
RS 232 interface	–	Yes
USB interface	–	Yes
Reversible direction of rotation	–	Yes
Torque display	–	Yes

Further package  
information on  
page 174



SY 500

SY 5000 D



SY 100.1

SY 150.2



R 4012 SY

R 4022 SY



LT 5.40

Product	Description	Ident. No.	Price
<b>ACCESSORIES EASYSYN</b>			
SY 100	Reactor vessels 100 ml	0020126921	EUR 1.447,00
SY 100 D	Reactor vessels 100 ml with bottom discharge	0020126922	EUR 2.529,00
SY 250	Reactor vessels 250 ml	0020126923	EUR 1.474,00
SY 250 D	Reactor vessels 250 ml with bottom discharge	0020126920	EUR 2.549,00
SY 500	Reactor vessels 500 ml	0020113459	EUR 1.404,00
SY 500 D	Reactor vessels 500 ml with bottom discharge	0020113460	EUR 2.405,00
SY 1000	Reactor vessels 1000 ml	0020113461	EUR 1.487,00
SY 1000 D	Reactor vessels 1000 ml with bottom discharge	0020113462	EUR 2.554,00
SY 2000	Reactor vessels 2000 ml	0020113463	EUR 2.198,00
SY 2000 D	Reactor vessels 2000 ml with bottom discharge	0020113464	EUR 3.304,00
SY 5000	Reactor vessels 5000 ml	0020113465	EUR 2.526,00
SY 5000 D	Reactor vessels 5000 ml with bottom discharge	0020113466	EUR 3.738,00
SY 100.1	Reactor lid DN 100	0020113649	EUR 520,00
SY 100.2	Reactor lid DN 100	0020116965	EUR 866,00
SY 150.1	Reactor lids DN 150	0020113660	EUR 735,00
SY 150.2	Reactor lids DN 150	0020113661	EUR 923,00
R 4011 SY	Propeller stirrer, PTFE, 400 mm	0020114111	EUR 290,00
R 4012 SY	Propeller stirrer, PTFE, 480 mm	0020114112	EUR 313,00
R 4013 SY	Propeller stirrer, PTFE, 530 mm	0020114113	EUR 347,00
R 4021 SY	Anchor stirrer, PTFE, 410 mm	0020114114	EUR 347,00
R 4022 SY	Anchor stirrer, PTFE, 530 mm	0020114115	EUR 382,00
LT 5.40	Draining set for Reactor system	0020113266	EUR 2.103,00
SY stand	Stand system	0020103316	EUR 3.627,00
SY clamp 100	Vessel clamp DN 100	0020105944	EUR 752,00
SY clamp ring 100	Clamp ring DN 100	0020113866	EUR 178,00
SY O-ring 100	O-Ring DN 100	0020113867	EUR 57,00
SY guide	Stirrer guide	0020109139	EUR 347,00
SY clamp 150	Clamp ring DN 150	0020105879	EUR 867,00
SY clamp ring 150	Clamp ring DN 150	0020113868	EUR 207,00
SY O-ring 150	O-Ring DN 150	0020113869	EUR 71,00



SY NS.8

LT 5.32



SY C1

SY PH 325



SY SP 1000

SY OB 29

Product	Description	Ident. No.	Price
<b>ACCESSORIES EASYSYN</b>			
SY NS.6	Swivelling screw fitting 6 mm	0020113165	EUR 170,00
SY NS.8	Swivelling screw fitting 8 mm	0020113164	EUR 162,00
SY NS.12	Swivelling screw fitting 12 mm	0020113163	EUR 162,00
LT 5.30	Tempering hose 800 mm	0020108012	EUR 748,00
LT 5.31	Tempering hose 1200 mm	0020110278	EUR 832,00
LT 5.32	Tempering hose 1600 mm	0020113271	EUR 915,00
PT 100.300	Temperature sensor 300 mm	0020114304	EUR 416,00
PT 100.500	Temperature sensor 500 mm	0020114305	EUR 451,00
SY pH 325	pH-Electrode 325 mm	0020114414	EUR 923,00
SY pH 425	pH-Electrode 425 mm	0020114415	EUR 982,00
SY C1	Reflux condenser	0020113927	EUR 180,00
SY VC	Vacuum cock NS 14/23	0001970900	EUR 145,00
SY OB 14	Oil bubbler, NS 14/23	0020129851	EUR 194,00
SY OB 29	Oil bubbler, NS 29/32	0020129852	EUR 198,00
SY SP 500	Sparger for 500 ml reactor vessel	0020129798	EUR 192,00
SY SP 1000	Sparger for 1000 ml reactor vessel	0020129799	EUR 197,00
SY SP 2000	Sparger for 2000 ml reactor vessel	0020129800	EUR 199,00
SY SP 5000	Sparger for 5000 ml reactor vessel	0020129801	EUR 208,00
SY BDV PT 100	Bottom discharge valve with integrated temperature sensor	0020121894	EUR 1.026,00
H 71.32*	Temperature sensor 320 mm	0020117772	EUR 530,00
H 71.45*	Temperature sensor 450 mm	0020118833	EUR 574,00
R 270.extension	Extension for R 270	0020007927	EUR 76,00

\* For connection to a EUROSTAR control overhead stirrer



SY BDV PT 100

**LR 1000 basic System**

EUR 7.951,00  
Ident. No. 0020119960

- LR 1000 basic base
- LR 1000.1 Laboratory reactor vessel
- LR 1000.61 Sensor receptacle
- PT 100.30 Temperature sensor
- Support rod
- Hose connectors for cooling hoses (2 pcs.)



With just one base unit multiple vessels can be used!



**LR 1000 control System**

EUR 14.391,00  
Ident. No. 0025001991

Weighing range: max. 2 kg



- LR 1000 control base
- LR 1000.3 Laboratory reactor vessel
- LR 1000.10 Anchor stirrer with PEEK scrapers
- LR 1000.62
- PT 100.30 Temperature sensor
- Silentstream
- Support rod
- Hose connectors (2 pcs.)
- USB Cable 2 m

**TECHNICAL DATA**

	LR 1000 BASIC SYSTEM	LR 1000 CONTROL SYSTEM
Usable volume (with disperser tool)	500 – 1000 ml	500 – 1000 ml
Attainable vacuum	25 mbar	25 mbar
Max. viscosity	100 000 mPas	100 000 mPas
Speed range	10 – 150 rpm	10 – 150 rpm
Display	LED	TFT
Working temperature max.	120 °C	120 °C
Vessel specification	FKM sealing; achhor stirrer	FFKM sealing; anchor stirrer with scraper
pH measurement	–	Yes (BNC)
Cooling water control	–	Yes
Heat control accuracy of medium with sensor	± 0.2 K	± 0.2 K
Heat output	1000 W	1000 W
Dimensions (W x H x D)	443 x 360 x 295 mm	443 x 360 x 295 mm

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR 1000</b>			
WiCo LR 1000	Wireless controller	0020007267	EUR 698,00
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	EUR 4.076,00
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	EUR 5.074,00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	EUR 513,00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	EUR 302,00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	EUR 401,00
LR 1000.40	Shaft receptacle FFKM	0025001950	EUR 647,00
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	EUR 562,00
LR 1000.61	Temperature sensor receptacle	0004664400	EUR 515,00
LR 1000.62	Sensor receptacle GL 14	0020010508	EUR 440,00
LR 1000.64	pH electrode	0004663300	EUR 1.025,00
LR 1000.65	pH electrode receptacle	0004663400	EUR 869,00
LR 1000.70	Lid holder	0025003123	EUR 291,00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	EUR 520,00
Holder MV 1	Holder for cooling water control valve	0020019816	EUR 234,00



**LR-5.ST**  
The High Performer

EUR 16.490,00  
Ident. No. 0020100787



NEW!

**LR-5.ST**  
The Versatile

EUR 14.498,00  
Ident. No. 0020127405



NEW!

Further package information on page 176

① **LR-2.ST**  
The High-Performer

EUR 15.974,00  
Ident. No. 0020013291



② **LR-2.ST**  
The Allrounder

EUR 14.558,00  
Ident. No. 0020013292

① **LR-2.ST**  
The Versatile

EUR 13.956,00  
Ident. No. 0020013293



② **LR-2.ST**  
The Compact Power

EUR 13.229,00  
Ident. No. 0020013294

TECHNICAL DATA	LR-2.ST	LR-5.ST
Min. volume (anchor stirrer)	500 ml	2000 ml
Min. volume (T 25 digital)	800 ml	2300 ml
Max. volume	2000 ml	5000 ml
Max. working temperature	-50 – 230 °C	-50 – 230 °C
Attainable vacuum	25 mbar	25 mbar
Max. viscosity (EUROSTAR 200 control P4)	150 000 mPas	100 000 mPas
Speed range (EUROSTAR 200 control P4)	0/4 – 530 rpm	8 – 290 rpm
Max. torque at stirring shaft (EUROSTAR 200 control P4)	660 Ncm	660 Ncm
Materials in contact with medium	Stainless steel (AISI 316L) FFPM Borosilicate glass 3.3 PTFE	Stainless steel (AISI 316L) FFPM Borosilicate glass 3.3 PTFE
Height of telescopic stand	620 – 1010 mm	620 – 1010 mm
Dimensions (W x H x D)	460 x 1240 x 430 mm	460 x 1320 x 430 mm



**LR-2.5.ST Conversion kit**

EUR 3.896,00  
Ident. No. 0020105485

Conversion kit to convert the stand system of the 2 liter laboratory reactor (LR-2.ST) to the 5 liter version (LR-5.ST).

**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.

**LR-2.ST STARVISC 200**

EUR 17.476,00  
Ident. No. 0020020603



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 Package
STARVISC 200-2.5 control Measuring stirrer
LR2.10 Reactor cover
LR-2.SI Safety disconnection
LR-2.ST Stand system



LR 2000.10

LR 2.1



LR 2000.11



LR 2000.1



LR 2000.2



LR 2000.3



LR 2000.4



LR 5000.10



LR 5000.12



LR 5000.1



LR 5000.4

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR-2.ST</b>			
LR-2.SI	Safety stop	0003318300	EUR 1.140,00
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	EUR 1.712,00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	EUR 800,00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	EUR 785,00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	EUR 985,00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	EUR 4.427,00
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	EUR 5.560,00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	EUR 6.373,00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	EUR 10.578,00
<b>ACCESSORIES LR-5.ST</b>			
LR 5000.10	Anchor stirrer with PEEK scraper	0020125444	EUR 2.149,00
LR 5000.11	Anchor stirrer	0020129362	EUR 1.047,00
LR 5000.1	Glass reactor vessel, double-walled, 5000 ml	0020125443	EUR 5.490,00
LR 5000.2	Glass reactor vessel, double-walled, bot. drain, 5000 ml	0020127389	EUR 6.890,00
LR 5000.3	Stainless steel reactor vessel, double-walled, 5000 ml	0020128802	EUR 7.439,00
LR 5000.4	Stainless steel reactor vessel, double-walled, bot. drain, 5000 ml	0020128770	EUR 11.889,00
LR 5000.20	Flow breaker / baffle, stn. steel	0020125445	EUR 960,00
LR 5000.40	Shaft receptacle	0020125446	EUR 849,00
LR 5000.65	pH electrode receptacle	0020127514	EUR 1.242,00
LR 5000.12	Propeller stirrer	0020127380	EUR 1.038,00
LR 5000.92	Funnel for LR-5.ST	0020130428	EUR 1.289,00
S 25 KD - LR - 30 G	Dispersing element, Ø 30 mm	0020127971	EUR 2.484,00
S 25 KD - LR - 30 F	Dispersing element, Ø 30 mm	0020127970	EUR 2.550,00



HBR 4 control LR



LT 5.28



T 25 digital LR



S 25 KD - LR - 25 G



S 25 KD - LR - 25 F

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR-2.ST / LR-5.ST</b>			
LR 2000.40	Shaft receptacle	0002509200	EUR 697,00
LR 2000.60	Sensor receptacle	0002509300	EUR 628,00
LR 2000.64	pH process electrode	0020010075	EUR 1.455,00
LR 2000.65	pH measuring sensor receptacle	0003172600	EUR 1.027,00
LR-2.SP	Splinter shield	0003326400	EUR 525,00
LT 5.23 M 16	Adapter G1/4 m - M16x1 m	0020106236	EUR 163,00
LT 5.25 200C	Lock coupling 200 °C	0020120795	EUR 513,00
LT 5.26 200C	Lock adapter 200 °C	0020120796	EUR 386,00
LT 5.25 M16	Lock coupling M 16x1	0025006987	EUR 734,00
LT 5.27	Hose adapter set	0020000880	EUR 633,00
LT 5.28	Pressure control valve	0020100227	EUR 224,00
H 68.55	Temp. sensor, stn. steel, Ø 6 mm	0025007921	EUR 336,00
LR-2.5.ST	Conversion kit, LR-2.ST to LR-5.ST	0020105485	EUR 3.896,00
HBR 4 control LR	Heating bath, 4 l	0010001849	EUR 5.121,00
PT 1000.61	Temperature sensor, stn. steel, Ø 6 mm	0020009881	EUR 319,00
<b>ACCESSORIES REACTOR SYSTEM</b>			
T 25 digital LR	Disperser	0020008820	EUR 2.669,00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	EUR 2.545,00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	EUR 2.672,00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	EUR 2.384,00
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	EUR 2.384,00
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	EUR 2.450,00
S 25 KD - LR - 30 G	Dispersing element, Ø 30 mm	0020127971	EUR 2.484,00
S 25 KD - LR - 30 F	Dispersing element, Ø 30 mm	0020127970	EUR 2.550,00

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 5.309,00  
Ident. No. 0020019397

### labworldsoft® 6 Starter Update

EUR 1.064,00  
Ident. No. 0020019398

### labworldsoft® 6 Advanced

EUR 9.250,00  
Ident. No. 0020105873

### labworldsoft® 6 Advanced Update

EUR 1.851,00  
Ident. No. 0020105874

### labworldsoft® 6 Starter Upgrade

EUR 6.807,00  
Ident. No. 0020019399

### labworldsoft® 6 Pro

EUR 12.114,00  
Ident. No. 0020017366

### labworldsoft® 6 Pro Update

EUR 2.424,00  
Ident. No. 0020018014



### C 6040 CalWin

EUR 2.651,00  
Ident. No. 0004040500

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



Expert Key 100 eco

Expert Key 100 pro



ETH SER 4



PCI 8.2

Product	Description	Ident. No.	Price
Expert Key 100 eco	Data collection system for laboratories	0020005486	EUR 6.299,00
Expert Key 100 pro	Data collection system for industries	0020005485	EUR 6.799,00
Multi power switch	Switchable multiple connection plug board	0020003454	EUR 108,00
MV 1 power plug	Cooling water valve with power plug	0010001655	EUR 637,00
RV 10 A 1	Adapter valve for Expert Key	0020004314	EUR 146,00
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	EUR 98,50
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	EUR 101,00
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	EUR 40,00
PC 1.1	Cable, L 3 m	0002616700	EUR 48,00
PC 1.3	Cable, L 1.5 m	0025005322	EUR 39,00
PC 1.5	Cable, L 2.5 m	0002756000	EUR 53,50
PC 2.1	Cable, L 5 m	0002700700	EUR 20,50
PC 3.1	Cable, L 3 m, 9 pins (F), 15 pins (M)	0020122152	EUR 62,00
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	EUR 170,00
USB A-B cable	USB A-B cable	0004220200	EUR 6,70
DTM 12.10	Data cable, L 2.5 m, 9 pins (F)	0003127800	EUR 425,00
PC 1.2	Adapter, 25 pins	0002616800	EUR 76,50
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	EUR 99,50
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	EUR 76,50
PCI 8.2	Plug-in card, 25 pins	0008017500	EUR 1.590,00
USB SER 4	USB-serial converter 4 ports	0020003456	EUR 428,00
USB SER 8	USB-serial converter 8 ports	0020018480	EUR 734,00
USB SER 16	USB-serial converter 16 ports	0020018736	EUR 1.270,00
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	EUR 108,00
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	EUR 202,00
USB ISO	USB isolator	0020101935	EUR 186,00
ETH SER 4	Ethernet-serial converter 4 ports	0003192000	EUR 1.670,00
ETH SER 8	Ethernet-serial converter 8 ports	0020021350	EUR 2.120,00
ETH SER 16	Ethernet-serial converter 16 ports	0020021351	EUR 2.538,00

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



#### C 1 Package 1/10

Price on request  
Ident. No. 0010005633

#### C 1 Package 2/10

Price on request  
Ident. No. 0010005634

#### C 1 Package 3/10

Price on request  
Ident. No. 0010005635

#### C 1 Package 1/12

Price on request  
Ident. No. 0010005636

#### C 1 Package 2/12

Price on request  
Ident. No. 0010005637

#### C 1 Package 3/12

Price on request  
Ident. No. 0010005638



#### C 200

Price on request  
Ident. No. 0008802500

#### C 200 h

Price on request  
Ident. No. 0008803700

#### C 200 auto

Price on request  
Ident. No. 0010002379

#### C 200 h auto

Price on request  
Ident. No. 0010002387

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

Further package information on page 166

**C 6000 isoperibol  
Package 1/10**Price on request  
Ident. No. 0010004524**C 6000 isoperibol  
Package 1/12**Price on request  
Ident. No. 0010004525**C 6000 isoperibol  
Package 2/10**Price on request  
Ident. No. 0010004526**C 6000 isoperibol  
Package 2/12**Price on request  
Ident. No. 0010004527**C 6000 global standards  
Package 1/10**Price on request  
Ident. No. 0010004520**C 6000 global standards  
Package 1/12**Price on request  
Ident. No. 0010004521**C 6000 global standards  
Package 2/10**Price on request  
Ident. No. 0010004522**C 6000 global standards  
Package 2/12**Price on request  
Ident. No. 0010004523**TECHNICAL DATA**

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

**AOD 1**Price on request  
Ident. No. 0008801300**C 7000 Set 1**Price on request  
Ident. No. 0008800900**C 7000 Set 2**Price on request  
Ident. No. 0008801400Further package  
information on  
page 161**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 5.459,00
C 1.20	Water heater	0004501000	EUR 1.428,00
C 1.10	Combustion chamber	0004500300	EUR 1.019,00
C 1.12	Combustion chamber, halogen resistant	0004500400	EUR 2.964,00
C 1.50	Dot matrix printer	0004500600	EUR 979,00
C 1.30	Venting station	0004500900	EUR 2.189,00
C 1.1012	Organizer	0004500700	EUR 194,00
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	EUR 369,00
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	EUR 755,00
C 1.103	Ignition wire, Kanthal, 5 pcs.	0004579300	EUR 47,50
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	EUR 158,00

**ACCESSORIES AND CONSUMABLES C 6000**

C 6010	Decomposition vessel, standard	0003770000	EUR 3.395,00
C 6012	Decomposition vessel, halogen resistant	0004504000	EUR 6.408,00
C 6010 HE	Standard decomposition vessel with hastelloy electrodes	0020007660	EUR 4.063,00
C 6010.10	Combustion shield	0020007518	EUR 123,00
C 1.50	Dot matrix printer	0004500600	EUR 979,00
C 6030	Venting station	0004504100	EUR 2.580,00
C 60.1012	Organizer	0004504200	EUR 271,00
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	EUR 1.062,00
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	EUR 2.703,00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	EUR 47,50
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	EUR 158,00

**ACCESSORIES ALL CALORIMETERS**

C 27	Calorimeter preparation set	0004579700	EUR 129,00
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	EUR 1.259,00
C 29 (BS341-3)	Pressure regulator, oxygen	0020101322	EUR 1.259,00
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	EUR 1.259,00
C 21	Pelleting press	0001605300	EUR 3.610,00
C 5010.8	Crucible holder, small	0004579800	EUR 179,00
C 5010.5	Crucible holder, big	0003055900	EUR 217,00



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 617,00
C 248	Oxygen station	0003520000	EUR 1.118,00
C 200.1	Measuring cup, 2000 ml	0003548900	EUR 49,50
C 200.2	Conversion kit for C 5012	0004028800	EUR 181,00

**ACCESSORIES C 200, C 2000, C 5000**

C 5010	Decomposition vessel	0020128010	EUR 4.227,00
C 5012	Decomposition vessel, halogen resistant	0020128160	EUR 8.583,00
C 5010 HE	Standard decomposition vessel with hastelloy electrodes	0020130769	EUR 4.829,00
C 5030	Venting station	0007198000	EUR 3.108,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 295,00
C 26	Prep stand	0008804000	EUR 260,00



C 5010

**ACCESSORIES C 2000, C 5000, C 6000**

C 5020	Sample rack	0007145000	EUR 6.834,00
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C 5020

**ACCESSORIES C 2000, C 5000, C 7000**

C 5041.10	Connection cable	0003036000	EUR 55,00
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**ACCESSORIES C 1, C 2000, C 6000**

C 25	Pressure regulating valve	0003197200	EUR 409,00
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**ACCESSORIES C 7000**

C 7000	Measurement cell	0003008000	EUR 32.733,00
C 7010	Decomposition vessel, standard	0003015000	EUR 4.895,00
C 7012	Decomposition vessel, halogen resistant	0003017000	EUR 9.530,00
C 7002	Cooling system	0007011000	EUR 12.522,00
C 48	Oxygen station	0001560000	EUR 2.986,00
C 7030	Venting station	0003013300	EUR 2.325,00
C 7010.8	Venting handle	0007095000	EUR 525,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 295,00
C 5010.5	Crucible holder, big	0003055900	EUR 217,00



C 48



C 7010.8



C 5010.4



C 5010.5

Product	Description	Ident. No.	Price
<b>CONSUMABLES ALL CALORIMETERS</b>			
C 6000.1*	Water protect, 100 ml	0020014031	EUR 93,50
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	EUR 43,50
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	EUR 44,00
C 4	Quartz dish	0001695500	EUR 34,00
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	EUR 161,00
C 6	Quartz dish, big	0000355100	EUR 47,00
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	EUR 249,00
C 9	Gelatine capsules, 100 pcs.	0000749900	EUR 45,00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	EUR 118,00
C 12	Combustion bags, 40 x 35 mm, 100 pcs.	0002201400	EUR 47,00
C 12 A	Combustion bags, 70 x 40 mm, 100 pcs.	0002201500	EUR 48,00
C 15	Parafilm strips	0003131100	EUR 58,00
C 16	Parafilm, 1000 x 50 mm	0003801100	EUR 66,50
C 17	Paraffin, liquid, 30 ml	0003801200	EUR 109,00
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	EUR 716,00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	EUR 157,00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	EUR 982,00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	EUR 344,00
<b>CONSUMABLES C 200, C 2000, C 5000, C 7000</b>			
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	EUR 63,00
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	EUR 175,00
C 14	Combustible crucibles, 100 pcs.	0007224500	EUR 117,00

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



Product	Description	Ident. No.	Price
<b>ACCESSORIES AOD 1</b>			
AOD 1.1 FZ	Decomposition vessel	0003303000	EUR 6.963,00
AOD 1.2	External ignition unit	0003348000	EUR 1.635,00
AOD 1.3	Protection device	0003308000	EUR 2.746,00
AOD 1.13	Remote ignition head	0003348100	EUR 771,00
C 48	Oxygen station	0001560000	EUR 2.986,00
C 7030	Venting station	0003013300	EUR 2.325,00
C 21	Pelleting press	0001605300	EUR 3.610,00
C 29 (DIN 477)	Pressure gauge, oxygen	0000750200	EUR 1.259,00
C 29 (BS341-3)	Pressure gauge, oxygen	0020101322	EUR 1.259,00
C 29 (NFE29-656)	Pressure gauge, oxygen	0020101828	EUR 1.259,00
C 5010.4	Attachment for combustible crucible C 14	0003016900	EUR 295,00
<b>CONSUMABLES AOD 1</b>			
C 4	Quartz dish	0001695500	EUR 34,00
C 9	Gelatine capsules, 100 pcs.	0000749900	EUR 45,00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	EUR 118,00
C 12	Combustion bags, 40 x 35 mm, 100 pcs.	0002201400	EUR 47,00
C 12 A	Combustion bags, 70 x 40 mm, 100 pcs.	0002201500	EUR 48,00
C 14	Combustible crucibles, 100 pcs.	0007224500	EUR 117,00
C 15	Parafilm strips	0003131100	EUR 58,00
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	EUR 175,00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	EUR 43,50
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	EUR 344,00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	EUR 157,00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	EUR 982,00



**C 6040 CalWin**  
EUR 2.651,00  
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 41,00
R 200	Clamp for T 10 basic and R 104	0003372000	EUR 44,50
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	EUR 110,00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	EUR 144,00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	EUR 233,00
R 350	Universal clamp	0001752900	EUR 138,00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	EUR 355,00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	EUR 437,00
LABLIFT m	Manual scissor lift	0004022400	EUR 369,00

**STANDS**

R 104	Stand for T 10 basic, H 370 mm	0003386000	EUR 203,00
R 1825	Plate stand, H 560 mm	0003160000	EUR 348,00
R 1826	Plate stand, H 800 mm	0003160100	EUR 384,00
R 1827	Plate stand, H 1000 mm	0003160200	EUR 409,00
R 2722	H-stand, 1010 mm	0001412000	EUR 834,00
R 2723	Telescopic stand, H 620-1010 mm	0001412100	EUR 1.547,00
T 653	Telescopic stand, H 1200 mm	0001608000	EUR 2.178,00
R 474	Telescopic stand, H 1200 mm	0001643000	EUR 2.178,00
R 472	Floor stand, H 2020 mm	0000738700	EUR 4.628,00
R 2850	Floor stand, H 1900 mm	0020002900	EUR 3.404,00
R 6547 H	Floor stand, hydraulic	0020018533	EUR 11.003,00
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018680	EUR 4.219,00



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 STANDS</b>			
IKA [scale]	Stand with weighing function	0025004318	EUR 981,00
R 6547 E 400V	Floor stand, electrohydraulics	0020018673	EUR 16.468,00
R 2850.SI	Safety stop	0020010623	EUR 1.541,00
<b>ALMEMO TEMPERATURE MEASURING INSTRUMENT</b>			
ALMEMO 2490-2	Temperature measuring instrument	0004709300	EUR 2.077,00
ALMEMO USB Kable	USB cable	0004709400	EUR 446,00
PT 100.23	Temp. sensor, stn. steel, Ø3 mm, length: 250 mm	0003122100	EUR 360,00
PT 100.24	Temp. sensor, stn. steel, coated, Ø6 mm, 250 mm	0003122200	EUR 369,00
PT 100.25	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0003122300	EUR 297,00

**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!



Do you think in terms of applications instead of individual parts? And you don't want to look for each sensor and each clamp individually? That's exactly what our packages are for. They contain everything you need for a specific application. If yours is not included, our Customer Center will put together your individual complete solution.

## COMPLETE SOLUTIONS FROM A SINGLE SOURCE

### /// Our Packages

Our packages are assembled ready for connection for a wide range of applications. There are basic packages for simple applications, packages for special applications, safety packages or complete system solutions. So you can be sure that all components harmonize perfectly.

Packages save you time-consuming research, lengthy comparisons and are also attractively priced. Plus, you can rely on our excellent service for all components of your particular system.



RCT basic ready-to-go Solution



RCT basic Synthesis Solution 1000

Product	Description	Ident. No.	Price
<b>MAGNETIC STIRRER PACKAGE</b>			
<b>RCT basic ready-to-go Solution</b>		0010011525	<b>EUR 1.037,00</b>
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
BC 1000	Beaker cap	0020003417	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
<b>RCT basic ETS-D5 Solution</b>		0010011496	<b>EUR 1.367,00</b>
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
ETS-D5	Electronic contact thermometer	0003516800	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
<b>RCT basic Synthesis Solution 250</b>		0010011505	<b>EUR 1.306,00</b>
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
H 135.25	Flask carrier 250 ml without handle	0025003280	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
R 350	Universal clamp	0001545100	
IKAFLON 25 ellipse	Stir bar	0004494800	
<b>RCT basic Synthesis Solution 500</b>		0010011502	<b>EUR 1.324,00</b>
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
H 135.30	Flask carrier 500 ml	0025000639	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
R 350	Universal clamp	0001545100	
IKAFLON 30 ellipse	Stir bar	0004495000	
<b>RCT basic Synthesis Solution 1000</b>		0010011508	<b>EUR 1.384,00</b>
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
H 135.40	Flask carrier 500 ml	0025000833	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
R 350	Universal clamp	0001545100	
IKAFLON 40 ellipse	Stir bar	0004495400	



UTTD basic IVD Solution



UTTD control Pharma Solution



UTTD control Life Science Solution

Product	Description	Ident. No.	Price
<b>SINGLE-USE CRUSHING / IVD PACKAGES</b>			
<b>ULTRA-TURRAX® P control Workstation</b>		0025005836	<b>EUR 1.784,00</b>
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
ST-20	Stirring tube, 20 ml (3 pcs.)	0003703000	
DT-20	Dispensing tube, 20 ml	0003703100	
Glass balls	(6.0 mm) for BMT tubes	0003599200	
Stainless steel	(5.0 mm) balls for BMT tubes	0003599300	
<b>UTTD basic IVD Solution</b>		0010013007	<b>EUR 1.204,00</b>
ULTRA-TURRAX® Tube Drive	Disperser	0003646000	
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, 50 pcs., membrane lid	0020027186	
<b>UTTD control IVD Solution</b>		0010013008	<b>EUR 1.934,00</b>
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, 50 pcs., membrane lid	0020027186	
<b>UTTD control Pharma Solution</b>		0010013297	<b>EUR 1.692,00</b>
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
DIS-300-S-M.10	Dissolver tube, 300 ml, 10 pcs.	0020016318	
<b>UTTD control Life Science Solution</b>		0010013296	<b>EUR 1.708,00</b>
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
DT-20	Dispensing tube, 20 ml, 20 pcs.	0003703000	



Tube Mill control Agriculture Solution



C 7000 basic equipment set 2

Product	Description	Ident. No.	Price
<b>SINGLE-USE CRUSHING / IVD PACKAGES</b>			
<b>Tube Mill control Agriculture Solution</b>		0010013298	<b>EUR 2.419,00</b>
Tube Mill control	Batch mill	0004180000	
MT 40.10	Disposable grinding chamber, 40ml, 10 pcs.	0004425000	
<b>Tube Mill 100 control Pharma Solution</b>		0010013309	<b>EUR 2.623,00</b>
Tube Mill 100 control	Batch mill	0020007144	
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	
<b>DOUBLE DRY CALORIMETER</b>			
<b>C 7000 basic equipment set 1</b>		0008800900	<b>Price on request</b>
C 7000	Measurement cell		
C 7010	Decomposition vessel, standard	0003015000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	
<b>C 7000 basic equipment set 21</b>		0008800900	<b>Price on request</b>
C 7000	Measurement cell		
C 7012	Decomposition vessel, halogen resistant	0003017000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	



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	0010005633	On request
C 1.10	Combustion chamber	0020010860	
C 1.10	Combustion chamber	0004500300	
RC 2 basic	Recirculating chiller	0004171000	
<b>C 1 Package 2/10 Package</b>			
C 1	Calorimeter	0010005634	On request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
<b>C 1 Package 3/10 Package</b>			
C 1	Calorimeter	0010005635	On request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1.20	Water heater	0004501000	
<b>C 1 Package 1/12 Package</b>			
C 1	Calorimeter	0010005636	On request
C 1	Calorimeter	0020010860	
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	0010005637	On request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
<b>C 1 Package 3/12 Package</b>			
C 1	Calorimeter	0010005638	On request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1.20	Water heater	0004501000	
<b>C 200 auto Package</b>			
C 200	Measurement cell	0010002379	On request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	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	0010002387	On request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	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	0010004520	On request
C 6000 global standards	Measurement cell	0020005930	
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	0010004521	On request
C 6000 global standards	Measurement cell	0020005930	
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	0010004522	On request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
<b>C 6000 global standards Package 2/12</b>			
C 6000 global standards	Measurement cell	0010004523	On request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
<b>C 6000 isoperibol Package 1/10</b>			
C 6000 isoperibol	Measurement cell	0010004524	On request
C 6000 isoperibol	Measurement cell	0020005940	
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	0010004525	On request
C 6000 isoperibol	Measurement cell	0020005940	
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	0010004526	On request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
<b>C 6000 isoperibol Package 2/12</b>			
C 6000 isoperibol	Measurement cell	0010004527	On request
C 6000 isoperibol	Measurement cell	0004025000	
C 6012	Decomposition vessel, halogen resistant	0004504000	



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	0020016337	
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 2.971,00
HB eco	Heating bath	0020016337	
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 2.786,00
HB eco	Heating bath	0020016337	
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 3.700,00
HB digital	Heating bath	0020016334	
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 3.908,00
HB digital	Heating bath	0020016334	
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 3.502,00
HB digital	Heating bath	0020016334	
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, coated

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	0020016337	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	EUR 3.581,00
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 3.780,00
HB eco	Heating bath	0020016337	
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 4.311,00
HB digital	Heating bath	0020016334	
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, coated</b>			
RV 8	Drive	0025002822	EUR 4.518,00
HB digital	Heating bath	0020016334	
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 6.190,00
HB digital	Heating bath	0020016334	
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, coated</b>			
RV 10 digital	Drive	0020015793	EUR 6.656,00
HB digital	Heating bath	0020016334	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask	0003740500	

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



RV 10 digital V-C



RV 10 auto pro V-C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 10 digital V Package</b>			
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0020016334	
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	<b>EUR 6.047,00</b>
HB digital	Heating bath	0020016334	
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	<b>EUR 5.355,00</b>
HB digital	Heating bath	0020016334	
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 Package</b>			
RV 10 auto	Drive	0020003919	<b>EUR 11.703,00</b>
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020016334	
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	<b>EUR 12.145,00</b>
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020016334	
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	<b>EUR 11.589,00</b>
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020016334	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	



RV 3 V Starter Solution



RV 8 V Starter Solution



RV 10 auto V Starter Solution

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR COMPLETE SOLUTIONS</b>			
<b>RV 3 V Starter Solution</b>			
RV 3	Drive	0010013945	<b>EUR 7.482,00</b>
HB eco	Heating bath	0025004726	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
VACSTAR lite	Vacuum pump	0020124926	
VC 10 lite	Vacuum controller	0020111998	
VC 10.600	Stand pole	0020129298	
RC 2 lite	Recirculating chiller	0025006624	
<b>RV 8 V Starter Solution</b>			
RV 8	Drive	0010013946	<b>EUR 8.187,00</b>
HB digital	Heating bath	0025002822	
RV 10.1	Set of glassware, vertical	0020004009	
RV 10.70	Vapor tube, NS 29/32	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
VACSTAR lite	Vacuum pump	0020124926	
VC 10 lite	Vacuum controller	0020111998	
RV 8.3	Stand pole	0020111998	
RV 8.3	Stand pole	0025004707	
RC 2 lite	Recirculating chiller	0025006624	
<b>RV 10 digital V Starter Solution</b>			
RV 10 digital	Drive	0010013947	<b>EUR 9.998,00</b>
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
VACSTAR lite	Vacuum pump	0020124926	
VC 10 lite	Vacuum controller	0020111998	
VC 10.400	Stand	0035001735	
RC 2 lite	Recirculating chiller	0025006624	
<b>RV 10 auto V Starter Solution</b>			
RV 10 auto	Drive	0010013954	<b>EUR 11.619,00</b>
RV 10 auto	Drive	0020003919	
HB digital	Heating bath	0020004009	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
VACSTAR lite	Vacuum pump	0020124926	
VSE 1	Vacuum safety emission condenser	0035001873	
RC 2 lite	Recirculating chiller	0025006624	



RV 3 pro V Complete



RV 8 pro V Complete



RV 10 auto pro V-C Complete

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR COMPLETE SOLUTIONS</b>			
<b>RV 3 pro V-C Complete</b>			
RV 3	Drive	0010012324	EUR 9.150,00
HB eco	Heating bath	0020015793	
RV 10.10	Set of glassware, vertical, coated	0025004726	
RV 10.70	Vapor tube, NS 29/32	0003755400	
VACSTAR digital	Pump with analog connection	0003812200	
VC 10 lite	Vacuum controller	0020016236	
VC 10.500	Vacuum controller	0020111998	
RC 2 lite	Stand pole	0035002702	
	Recirculating chiller	0025006624	
<b>RV 8 pro V-C Complete</b>			
RV 8	Drive	0010012325	EUR 10.922,00
HB digital	Heating bath	0025002822	
RV 10.10	Set of glassware, vertical, coated	0020004009	
RV 10.70	Vapor tube, NS 29/32	0003755400	
VACSTAR digital	Pump with analog connection	0003812200	
VC 10 lite	Vacuum controller	0020016236	
VC 10 lite	Vacuum controller	0020111998	
RV 8.3	Stand pole	0025004707	
RC 2 lite	Recirculating chiller	0025006624	
<b>RV 10 digital pro V-C Complete</b>			
RV 10 digital	Drive	0010012326	EUR 12.025,00
HB digital	Heating bath	0003550099	
RV 10.10	Set of glassware, vertical, coated	0020004009	
RV 10.70	Vapor tube, NS 29/32	0003755400	
VACSTAR digital	Pump with analog connection	0003812200	
VC 10 lite	Vacuum controller	0020016236	
VC 10 lite	Vacuum controller	0020111998	
VC 10.400	Stand	0035001735	
RC 2 lite	Recirculating chiller	0025006624	
<b>RV 10 digital pro V double Complete</b>			
2 × RV 10 digital	Drive	0010011964	EUR 20.593,00
2 × HB digital	Heating bath	0003550099	
2 × RV 10.1	Set of glassware, vertical, coated	0020004009	
2 × RV 10.70	Vapor tube, NS 29/32	0003655300	
VACSTAR digital	Pump with analog connection	0003812200	
2 × VC 10 pro	Vacuum controller	0020016236	
VSE 1	Vacuum safety emission condenser	0020112031	
2 × VC 10.400	Stand	0035001873	
2 × VC 10.300	Check valve	0035001735	
2 × VC 10.300	Check valve	0020011105	
RC 2 GREEN basic	Recirculating chiller	0025004186	
2 × Y hose connector	Y-hose connector	0025004186	
2 × Y hose connector	Y-hose connector	0020010963	



RV 10 digital pro V-C double Complete



VACSTAR lite Starter Solution



VACSTAR lite Advanced Plus Solution

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR COMPLETE SOLUTIONS SOLUTIONS</b>			
<b>RV 10 digital pro V-C double Complete</b>			
2 × RV 10 digital	Drive	0010012327	EUR 21.477,00
2 × HB digital	Heating bath	0025002822	
2 × HB digital	Heating bath	0020004009	
2 × RV 10.10	Set of glassware, vertical, coated	0003655300	
2 × RV 10.70	Vapor tube, NS 29/32	0003812200	
VACSTAR digital	Pump with analog connection	0020124926	
2 × VC 10 pro	Vacuum controller	0020111998	
VSE 1	Vacuum safety emission condenser	0003812200	
2 × VC 10.400	Stand	0020124926	
2 × VC 10.300	Check valve	0020111998	
RC 2 GREEN basic	Recirculating chiller	0025004707	
2 × Y hose connector	Y-hose connector	0025006624	
<b>VACUUM PUMP PACKAGES</b>			
<b>VACSTAR lite Starter Solution</b>			
VACSTAR lite	Vacuum pump	0010014496	EUR 2.373,00
VACSTAR lite	Vacuum pump	0020124926	
VC 10 lite	Vacuum controller	0020111998	
VC 10.600	Stand pole	0020129298	
<b>VACSTAR lite Starter Plus Solution</b>			
VACSTAR lite	Vacuum pump	0010014497	EUR 2.976,00
VACSTAR lite	Vacuum pump	0020124926	
VC 10 lite	Vacuum controller	0020111998	
VSE 1	Vacuum safety emission condenser	0035001873	
VC 10.600	Stand pole	0020129298	
<b>VACSTAR lite Advanced Solution</b>			
VACSTAR lite	Vacuum pump	0010014498	EUR 2.898,00
VACSTAR lite	Vacuum pump	0020124926	
VC 10 pro	Vacuum controller	0020111998	
VC 10.600	Stand pole	0020129298	
<b>VACSTAR lite Advanced Plus Solution</b>			
VACSTAR lite	Vacuum pump	0010014497	EUR 3.501,00
VACSTAR lite	Vacuum pump	0020124926	
VC 10 pro	Vacuum controller	0020112031	
VSE 1	Vacuum safety emission condenser	0035001873	
VC 10.600	Stand pole	0020129298	



EasySyn 500 Starter Reactor system



EasySyn 2000 Starter Reactor system

Product	Description	Ident. No.	Price	
<b>SYNTHESIS REACTORS</b>				
<b>EasySyn 500 Starter Reactor system</b>				
EUROSTAR 60 digital	Overhead stirrer	0004446000	EUR 8.070,00	
R 60	Keyless chuck	0003889500		
SY stand	Stand	0020103316		
SY 500 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 500 ml volume	0020113460		
SY clamp 100	Vessel clamp	0020105944		
SY clamp ring 100	Clamp ring	0020113866		
SY O-ring 100	FEP-coated O-Ring	0020113867		
SY 100.1	Reactor lid	0020113649		
R 4011 SY	Propeller stirrer	0020114111		
SY guide	Stirrer guide	0020109139		
<b>EasySyn 1000 Starter Reactor system</b>				
Same content as EasySyn 500 Starter, except:				
SY 1000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 1000 ml volume	0020113462	EUR 8.189,00	
<b>EasySyn 2000 Starter Reactor system</b>				
Same content as EasySyn 500 Starter, except:				
SY 2000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 2000 ml volume	0020113464	EUR 9.106,00	
SY clamp 150	Vessel clamp	0020105879		
SY clamp ring 150	Clamp ring	0020113868		
SY O-ring 150	FEP-coated O-Ring	0020113869		
SY 150.1	Reactor lid	0020113660		
R 4012 SY	Propeller stirrer	0020114112		
<b>EasySyn 5000 Starter Reactor system</b>				
Same content as EasySyn 500 Starter, except:				
SY 5000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 5000 ml volume	0020113466	EUR 9.480,00	
R 4013 SY	Propeller stirrer	0020114113		



EasySyn 1000 Advanced Reactor system



EasySyn 5000 Advanced Reactor system

Product	Description	Ident. No.	Price
<b>SYNTHESIS REACTORS</b>			
<b>EasySyn 500 Advanced Reactor system</b>			
EUROSTAR 100 control	Overhead stirrer	0004446000	EUR 10.978,00
R 60	Keyless chuck	0003889500	
SY stand	Stand	0020103316	
SY 500 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 500 ml volume	0020113460	
LT 5.40	Draining set	0020113266	
SY clamp 100	Vessel clamp	0020105944	
SY clamp ring 100	Clamp ring	0020113866	
SY O-ring 100	FEP-coated O-Ring	0020113867	
SY 100.1	Reactor lid	0020113649	
R 4011 SY	Propeller stirrer	0020114111	
SY guide	Stirrer guide	0020109139	
<b>EasySyn 1000 Advanced Reactor system</b>			
Same content as EasySyn 500 Advanced, except:			
SY 1000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 1000 ml volume	0020113462	EUR 11.097,00
<b>EasySyn 2000 Advanced Reactor system</b>			
Same content as EasySyn 500 Advanced, except:			
SY 2000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 2000 ml volume	0020113464	EUR 12.014,00
SY clamp 150	Vessel clamp	0020105879	
SY clamp ring 150	Clamp ring	0020113868	
SY O-ring 150	FEP-coated O-Ring	0020113869	
SY 150.1	Reactor lid	0020113660	
R 4012 SY	Propeller stirrer	0020114112	
<b>EasySyn 5000 Advanced Reactor system</b>			
Same content as EasySyn 500 Advanced, except:			
SY 5000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 5000 ml volume	0020113466	EUR 12.388,00
R 4013 SY	Propeller stirrer	0020114113	





LR-2.ST the High Performer



LR-5.ST the Versatile

Product	Description	Ident. No.	Price
<b>REACTOR SYSTEM PACKAGES</b>			
<b>LR-2.ST the High Performer</b>			
LR-2.ST	Stand system	0020012897	
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 200 P4 control	Overhead stirrer	0004090000	
<b>LR-2.ST the Allrounder</b>			
LR-2.ST	Stand system	0020012897	EUR 14.558,00
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 200 control	Overhead stirrer	0003992000	
<b>LR-2.ST the Versatile</b>			
LR-2.ST	Stand system	0020012897	EUR 13.956,00
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 100 control	Overhead stirrer	0004028500	
<b>LR-2.ST the Compact Power</b>			
LR-2.ST	Stand system	0020012897	EUR 13.229,00
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 60 control	Overhead stirrer	0004440000	
<b>LR-2.ST Starvisc 200</b>			
LR-2.ST	Stand system	0020012897	EUR 17.476,00
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
STARVISC 200-2.5 control	Measuring stirrer	0025003604	
<b>LR-5.ST the High Performer</b>			
LR.ST	Stand system	0020100788	EUR 16.490,00
LR.SI	Safety disconnection	0003318300	
LR-5.ST	Reactor lid	0020103293	
EUROSTAR 200 P4 control	Overhead stirrer	0004090000	
<b>LR-5.ST the Versatile</b>			
LR.ST	Stand system	0020100788	EUR 14.498,00
LR.SI	Safety disconnection	0003318300	
LR-5.ST	Reactor lid	0020103293	
EUROSTAR 100 control	Overhead stirrer	0004028500	



CBC ROTAVISC SBS me-vi Package



ROTATEMP me-vi Package

Product	Description	Ident. No.	Price
<b>VISCOMETER PACKAGES</b>			
<b>CBC ROTAVISC SBS me-vi Package</b>			
ROTAVISC SBS me-vi control	Viscometer	0010014031	EUR 7.347,00
ROTASTAND	Stand	0020116428	
CBC VISC lite	Refrigerated and heating circulator	0020102007	
<b>CBC ROTAVISC lo-vi Package</b>			
ROTAVISC lo-vi control	Viscometer	0010014045	EUR 6.907,00
ROTASTAND	Stand	0020116428	
CBC VISC lite	Refrigerated and heating circulator	0020102007	
<b>CBC ROTAVISC me-vi Package</b>			
ROTAVISC me-vi control	Viscometer	0010014058	EUR 6.907,00
ROTASTAND	Stand	0020116428	
CBC VISC lite	Refrigerated and heating circulator	0020102007	
<b>ROTATEMP SBS me-vi Package</b>			
ROTAVISC SBS me-vi control	Viscometer	0010013993	EUR 7.376,00
ROTASTAND	Stand	0020116428	
ROTATEMP	Heating system	0020113825	
<b>ROTATEMP lo-vi Package</b>			
ROTAVISC lo-vi control	Viscometer	0010014004	EUR 6.936,00
ROTASTAND	Stand	0020116428	
ROTATEMP	Heating system	0020113825	
<b>ROTATEMP me-vi Package</b>			
ROTAVISC me-vi control	Viscometer	0010014015	EUR 6.936,00
ROTASTAND	Stand	0020116428	
ROTATEMP	Heating system	0020113825	



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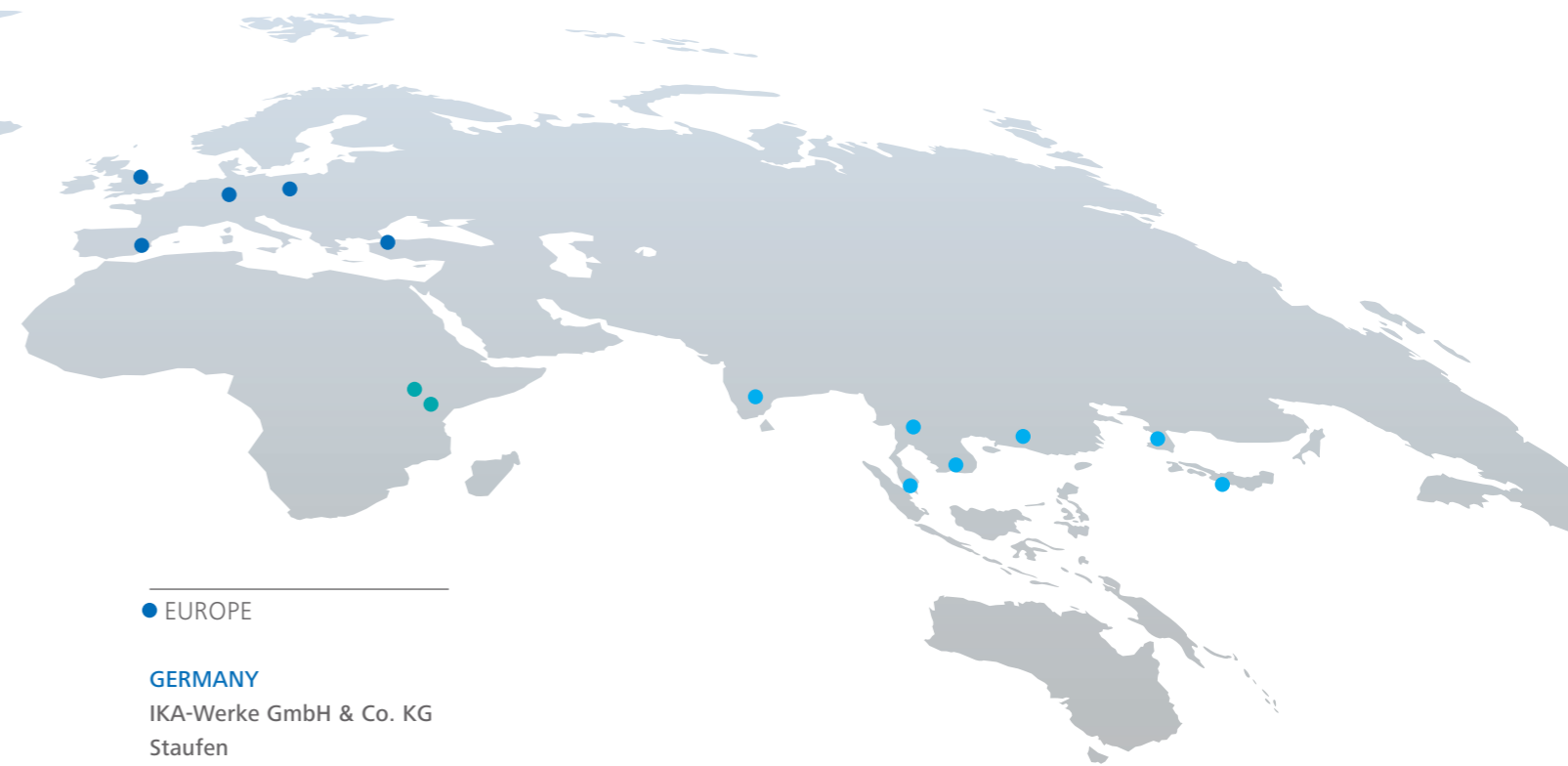
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