

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

Bioprocessing 10 Bioreactors

Electrochemistry 18 ElectraSyn 2.0 24 Screening System

Flow Chemistry 26 FLOW System

Mixing 28 IKA TWISTER 32 Magnetic Stirrers 44 Overhead Stirrers 56 Thermoshakers 60 Shakers

Crushing 72 Dispersers 80 Mills 86 Single-Use Crushing

Measuring Viscosity 92 Measuring Stirrers 94 Viscometers

Vacuum Technology 102 Vacuum Pumps 105 Vacuum Controller

Heating/Cooling/Tempering 106 Temperature Control 116 Dry Block Heater 119 Hot Plates 120 Heating Baths

Tempering Chambers 122 Incubators / Incubator Shakers 124 Drying Ovens

Separation 126 Rotary Evaporators 132 Centrifuges

Liquid Handling 134 Pipettes

Reactor Systems 140 Synthesis Reactors 144 High Viscosity Reactors

Controlling/Measuring 150 labworldsoft® 6 151 CalWin 6040

Calorimetry 152 Calorimeters 155 Decomposition Systems

Accessories 160 Mechanical & Electronic Accessories

Complete Solutions 162 Packages

IKA Worldwide 178 Contacts

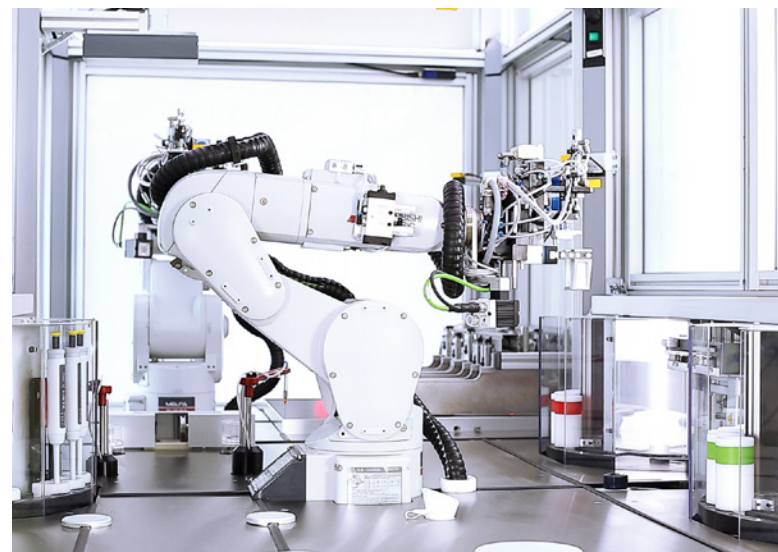
/// CALIBRATION SERVICES

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.

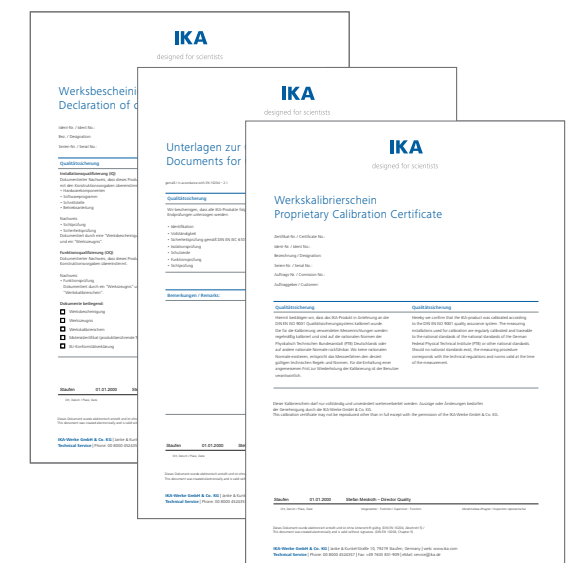
The product-specific documents are prepared individually according to your requirements. These documents consist of detailed descriptions of installation qualifications (IQ) and operation qualifications (OQ).

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 m².

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.net.

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:
+1 800 733-3037

IKA warranties

IKA offers generous free warranty extensions if you register your product at 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.



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



/// 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 CO₂, 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 FERMENT / CCT
	HABITAT PHOTO CELL / 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 ₂ , N ₂ , CO ₂)	4 (Air, O ₂ , N ₂ , CO ₂)
Control parameter	Stirrer, gas flush, liquid feed, off-gas analysis, temperature, pH, DO, foam, level (conductivity, CO ₂ , turbidity, light)	Stirrer, gas flush, liquid feed, off-gas analysis, temperature, pH, DO, foam, level (conductivity, CO ₂ , 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 × H × D)	224 × 624 × 405 mm	224 × 624 × 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
Total volume
Working volume
Speed range
Temperature control
pH sensor (resolution)
DO sensor (resolution)
Sparger type
Stirrer type
Material in contact with product

HABITAT CELL SW
0.5 | 1 | 2 | 5

Single wall, borosilicate glass
0.8 l 1.6 l 3 l 6.7 l
0.25 – 0.5 l 0.3 – 1 l 0.6 – 2 l 1 – 5 l
1 – 1400 rpm 1 – 2000 rpm 1 – 2200 rpm 1 – 1500 rpm
Heating sleeve, RT – 60 °C
0 – 14 pH (0.01 pH)
0 – 200 % (0.01 %)
Micro sparger, 5 µm
3-blade segment stirrer
AISI 316L, borosilicate glass 3.3, silicone USP class VI

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

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

HABITAT FERMENT SW
2 | 5

Single wall, borosilicate glass
3 l 6.7 l
0.6 – 2 l 1 – 5 l
1 – 2200 rpm 1 – 1500 rpm
Heating sleeve + cooling finger + chiller, 5 – 65 °C
0 – 14 pH (0.01 pH)
0 – 200 % (0.01 %)
Ring sparger, 0.5 mm
6-blade disc stirrer (rushton)
AISI 316L, borosilicate glass 3.3, silicone USP class VI

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

Double wall, borosilicate glass
0.8 l 1.6 l 3 l 6.7 l 12.9 l
0.25 – 0.5 l 0.3 – 1 l 0.6 – 2 l 1 – 5 l 2 – 10 l
1 – 1400 rpm 1 – 2000 rpm 1 – 2200 rpm 1 – 1500 rpm 1 – 800 rpm
Circulator, 5 – 80 °C
0 – 14 pH (0.01 pH)
0 – 200 % (0.01 %)
Ring sparger, 0.5 mm
6-blade disc stirrer (rushton)
AISI 316L, borosilicate glass 3.3, silicone USP class VI



Glass vessel, single-wall, for 1 l

Glass vessel, double-wall, for 5 l



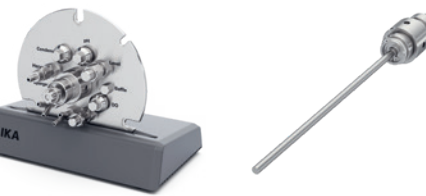
Lid stand, for 2 l

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
VESSELS	
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	
STANDS	
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	
REACTOR LIDS	
Bioreactor lids, complete, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
DRIVE SHAFTS & MOTORS	
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
DRIVE SHAFTS & MOTORS	
Small motor, standard coupling, for 0.5 l, 1 l and 2 l	On request
Motor, big, for 5 l and 10 l	
SENSORS	
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
SENSORS	
Mettler CO ₂ 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 ₂ sensor cartridge	On request
BlueVary CO ₂ 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	
STIRRING ELEMENTS	
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	
SPARGER	
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	
TEMPERATURE CONTROL	
Heating blankets, for 0.5 l, 1 l, 2 l, 5 l	On request
Cooling fingers, for 2 l, 5 l	
SAMPLE COLLECTION	
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	



Baffle, for 5 l



Foam breaker
4-blade, straight,
for 5 l



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



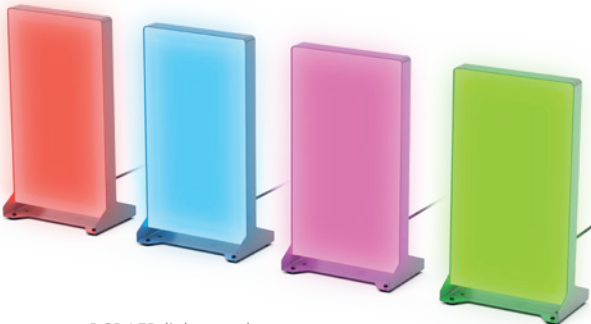
Tablet 10.x inch



External peristaltic
pump



Condenser with
flexible joint



RGB LED light panels

Product	Price
BAFFLE	
Baffles, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
FOAM BREAKER	
Foam breakers 4-blade, straight, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
SPIN FILTER	
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	
WEAR SETS	
Wear parts sets, for 0.5 l, 1 l, 2 l, 5 l, 10 l	On request
OTHER ACCESSORIES	
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



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

\$ 3,214.00
Ident. No. 0020008980

Ready-To-Go package



ElectraSyn 2.0 pro Package

\$ 3,781.00
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 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
ATTACHMENTS			
Carousel	Attachment for multi measurements	0020017512	\$ 2,694.00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	\$ 3,746.00
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	\$ 3,453.00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	\$ 743.00
Pro-Seal	Vial cap for gas exchange	0040007151	\$ 543.00
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	\$ 827.00
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	\$ 255.00

ACCESSORIES PRO-DIVIDE			
Fritte Set, 1 µm	Glass frit, 2 pcs.	0020102632	\$ 101.00
Fritte Set, 5 µm	Glass frit, 2 pcs.	0020102633	\$ 53.00
Fritte Set, 10 µm	Glass frit, 2 pcs.	0020102634	\$ 47.00
Fritte Sample Set	Kit of 1/5/10 µm glass frit, 1 pc. each	0020101403	\$ 99.00

ELECTRODES FOR E-HIVE			
Copper electrode inner	Anode copper (24 pcs.)	0040007427	\$ 426.00
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	\$ 173.00
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	\$ 340.00
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	\$ 743.00
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	\$ 589.00
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	\$ 210.00



Fritte Set



Glass vial 5 ml

Glass vial complete 10 ml

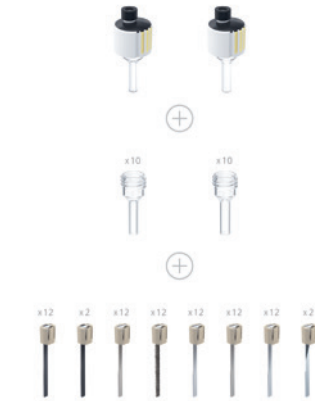


ElectraSyn 2.0 Complete Starter Kit



Microvial 1 ml

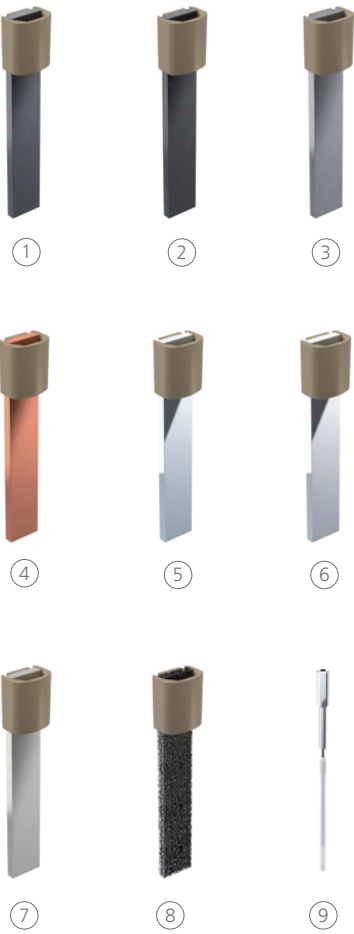
Microvial 2 ml



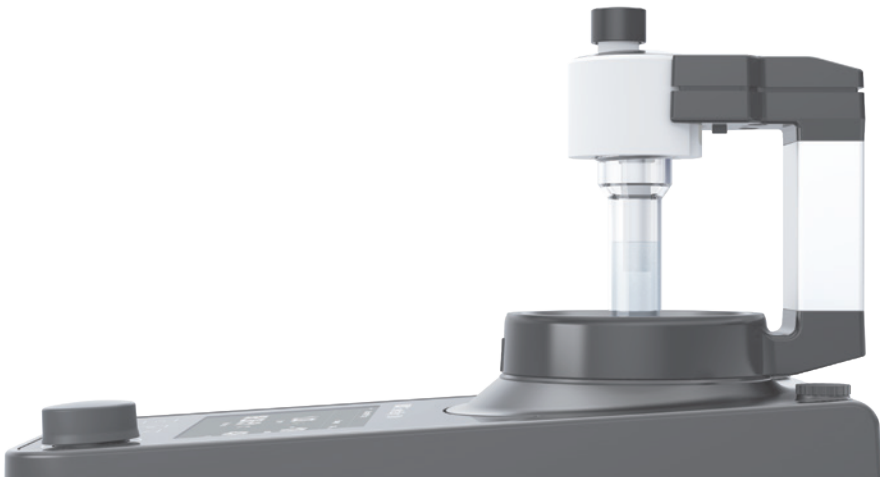
ElectraSyn 2.0 Micro Starter Kit complete

Product	Description	Ident. No.	Price
VIALS / ELECTRODES			
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	\$ 152.00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	\$ 142.00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	\$ 144.00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	\$ 343.00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	\$ 238.00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	\$ 257.00
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	\$ 1,793.00
ElectraSyn 2.0 Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	\$ 1,235.00
ElectraSyn 2.0 Vials only Kit	Kit of 10 × 5 ml, 10 × 10 ml, 10 × 20 ml vials	0010003811	\$ 833.00
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	\$ 3,049.00
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	\$ 558.00

MICROVIALS / MICROELECTRODES			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	\$ 195.00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	\$ 195.00
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	\$ 486.00
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	\$ 491.00
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	\$ 2,606.00
ElectraSyn 2.0 microvials only	Kit 10 × 1 ml, 10 × 2 ml vials	0040004103	\$ 986.00
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	\$ 1,365.00
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	\$ 3,825.00



Product	Ident. No.	Price
ELEKTRODEN		
① Electrode graphite (12 pcs.)	0040002858	\$ 208.00
② Electrode glassy carbon (2 pcs.)	0040002842	\$ 151.00
Electrode lead bronze (2 pcs.)	0020016076	\$ 152.00
Electrode lead (12 pcs.)	0040002843	\$ 376.00
Electrode tungsten (2 pcs.)	0040002845	\$ 382.00
③ Electrode niobium (2 pcs.)	0040002846	\$ 142.00
④ Electrode copper (12 pcs.)	0040002847	\$ 108.00
Electrode magnesium (12 pcs.)	0040002848	\$ 375.00
Electrode titanium (12 pcs.)	0040002849	\$ 339.00
Electrode zinc (12 pcs.)	0040002850	\$ 345.00
Electrode stainless steel (12 pcs.)	0040002851	\$ 94.00
⑤ Electrode CV Platinum (2 pcs.)	0040002852	\$ 139.00
Electrode platinum foil (2 pcs.)	0040005015	\$ 669.00
Electrode platinum on ceramics (2 pcs.)	0040006753	\$ 362.00
Electrode gold plated (2 pcs.)	0040002853	\$ 341.00
⑥ Electrode silver plated (2 pcs.)	0040002854	\$ 110.00
Electrode aluminum (12 pcs.)	0040003174	\$ 202.00
Electrode boron doped diamond (2 pcs.)	0040002856	\$ 590.00
Electrode tin (12 pcs.)	0040002857	\$ 361.00
⑦ Electrode nickel (12 pcs.)	0040002859	\$ 231.00
⑧ Electrode RVC foam (12 pcs.)	0040002860	\$ 342.00
Electrode nickel foam (12 pcs.)	0040002861	\$ 85.00
Electrode cobalt (2 pcs.)	0040003385	\$ 94.00
⑨ Electrode reference (1 pc.)	0040002865	\$ 249.00
Electrode CV glassy carbon (1 pc.)	0040002863	\$ 129.00



Product	Ident. No.	Price
MICROELECTRODES		
① Microelectrode aluminum (12 pcs.)	0040004029	\$ 105.00
Microelectrode boron-doped diamond (2 pcs.)	0040004036	\$ 846.00
② Microelectrode cobalt (2 pcs.)	0040004039	\$ 146.00
③ Microelectrode copper (12 pcs.)	0040004027	\$ 241.00
④ Microelectrode glassy carbon (2 pcs.)	0040004022	\$ 188.00
⑤ Microelectrode gold (2 pcs.)	0040004034	\$ 718.00
Microelectrode graphite SK-50 (12 pcs.)	0040004021	\$ 248.00
Microelectrode lead (12 pcs.)	0040004028	\$ 983.00
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	\$ 256.00
Microelectrode magnesium (12 pcs.)	0040004025	\$ 578.00
Microelectrode nickel (12 pcs.)	0040004023	\$ 755.00
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	\$ 110.00
⑧ Microelectrode niobium (2 pcs.)	0040004032	\$ 242.00
Microelectrode silver (2 pcs.)	0040004035	\$ 85.00
Microelectrode stainless steel (12 pcs.)	0040004024	\$ 184.00
Microelectrode tin (12 pcs.)	0040004037	\$ 660.00
⑨ Microelectrode titanium (12 pcs.)	0040004033	\$ 578.00
Microelectrode tungsten (2 pcs.)	0040004031	\$ 114.00
Microelectrode zinc (12 pcs.)	0040004026	\$ 578.00

Screening System Package
(8 cells)

\$ 23,783.00
Ident. No. 0040003864



Screening System Package
(6 cells)

\$ 24,131.00
Ident. No. 0020017582



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

\$ 1,508.00
Ident. No. 0020023690

Product	Ident. No.	Price
ACCESSORIES SCREENING SYSTEM		
Reaction block with 6 divided cells	0020015936	\$ 4,323.00
Reaction block with 8 undivided cells	0020015943	\$ 2,372.00
Set of reaction cells (6 divided cells)	0040003647	\$ 3,694.00
Set of reaction cells (8 undivided cells)	0040003648	\$ 1,829.00
SC.MF Manifold	0020110119	\$ 229.00
SC.MF.CP.UDIV Manifold cap, for undivided cells	0020110375	\$ 338.00
SC.MF.CP.DIV Manifold cap, for divided cells	0020110376	\$ 321.00

ELECTRODES

Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	\$ 8,218.00
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	\$ 2,038.00
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	\$ 353.00
Electrode 0.7 platinum (8 pcs.)	0040003678	\$ 1,273.00
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	\$ 800.00
Electrode 0.7 gold (8 pcs.)	0040003934	\$ 793.00
Electrode 0.7 silver (8 pcs.)	0040003938	\$ 465.00
Electrode 0.7 nickel foam (16 pcs.)	0040003935	\$ 172.00
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	\$ 1,430.00
Electrode 0.7 nickel (16 pcs.)	0040003671	\$ 972.00
Electrode 0.7 stainless steel (8 pcs.)	0040003672	\$ 531.00
Electrode 0.7 lead (16 pcs.)	0040003673	\$ 1,042.00
Electrode 0.7 lead bronze (8 pcs.)	0040003674	\$ 684.00
Electrode 0.7 copper (8 pcs.)	0040003675	\$ 450.00
Electrode 0.7 magnesium (16 pcs.)	0040003677	\$ 956.00
Electrode 0.7 zinc (16 pcs.)	0040003680	\$ 901.00
Electrode 0.7 aluminium (16 pcs.)	0040003682	\$ 1,125.00
Electrode 0.7 cobalt (8 pcs.)	0040003933	\$ 651.00
Electrode 0.7 niobium (8 pcs.)	0040003936	\$ 593.00
Electrode 0.7 tin (8 pcs.)	0040003939	\$ 512.00
Electrode 0.7 titanium (8 pcs.)	0040003940	\$ 484.00
Electrode 0.7 tungsten (8 pcs.)	0040003941	\$ 684.00
Electrode 0.7 RVC (16 pcs.)	0040003937	\$ 842.00
Electrode 0.7 Sampler Kit incl. 7 × 2 electrodes*	0040004509	\$ 3,043.00
Electrode 0.7 Starter Kit incl. 9 × 1 electrode**	0040003646	\$ 9,337.00

FURTHER ACCESSORIES

Electrode 0.7 power supply	0040003604	\$ 8,578.00
SC 1.1 Cable (1 – 4)	0040003663	\$ 273.00
SC 1.2 Cable (5 – 8)	0020018590	\$ 273.00
SC 2.1 Crocodile clip for cable set	0040003630	\$ 52.00
labworldsoft® 6 Screening System	0020023690	\$ 1,508.00

*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

\$ 4,766.00

Ident. No. 0020100742



IKA FLOW System Package

- Glass bottle
- Capillary set
- Heating block
- CDR.PP standard (2x)
- Tubing set

TECHNICAL DATA

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 x H x D)	250 x 375 x 140 mm
Weight	2.7 kg

IKA FLOW SYSTEM

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	\$ 84.00
CDR.PP standard	Disc reactor set, polypropylene, standard, 2 pcs.	0020102637	\$ 84.00
CDR.PVDF narrow	Disc reactor set, polyvinylidene difluoride, narrow, 2 pcs.	0020102706	\$ 181.00
CDR.PVDF standard	Disc reactor set, polyvinylidene difluoride, standard, 2 pcs.	0020102638	\$ 181.00

MIXING CHIPS

MX.PP	Mixing chip set, polypropylene	0020103092	\$ 52.00
MX.PVDF	Mixing chip set, polyvinylidene difluoride	0020103093	\$ 115.00

OTHER ACCESSORIES

Heating Block	Heating block for up to four disc reactors	0020103369	\$ 189.00
Capillary Set	Capillary set, 4 pcs.	0020103091	\$ 206.00



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



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

\$ 511.00
Ident. No. 0020027010



IKA TWISTER SET 2

\$ 932.00
Ident. No. 0020027388



IKA TWISTER SET 3

\$ 1,409.00
Ident. No. 0020027389



IKA TWISTER SET 4

\$ 1,852.00
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 ₂ 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



Product	Description	Ident. No.	Price
IKA TWISTER ACCESSORIES			
IKA TWISTER Add-on unit	Magnetic stirrer, without power supply	0020112621	\$ 452.00
TW.IX	Stirring attachment, 9 positions	0020103426	\$ 353.00
TW.VX	Shaking attachment	0020110145	\$ 282.00
TW.IX.28	Vessel holder for jars (28 mm)	0020112966	\$ 70.00
TW.IX 23	Vessel holder for jars (23 mm)	0020112965	\$ 70.00
STICKMAX II	Universal adhesive mat for IKA TWISTER	0020112736	\$ 51.00
TW.IX.ANTISLIP	Anti-slip mat for TW.IX	0020111461	\$ 15.00
UNIVERSAL ATTACHMENTS AND BASIC HOLDERS			
MS 3.3	Universal attachment	0003426600	\$ 85.00
TUBE INSERTS			
MS 3.1	Standard attachment	0003426300	\$ 85.00
MS 1.21	One-hand insert	L001540	\$ 42.00
MS 1.30	Attachment for 0.5 ml tubes	0025005776	\$ 71.00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	\$ 77.00
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	\$ 54.00
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	\$ 52.00
MS 1.34	Test tube insert	L001830	\$ 44.00
MICROTITER PLATE AND PCR ATTACHMENTS			
MS 3.4	Microtiter plate attachment	0003426400	\$ 112.00
MS 3.5	PCR plate attachment, 96-well	0003428000	\$ 296.00
STIRRING BARS, PTFE COATED, POWER			
IKAFLON 10 power ellipse	Magnetic stirring bar, ellipse, rare earth, 6 x 10 mm, 5 pcs.	0020110607	\$ 36.00
IKAFLON 15 power ellipse	Magnetic stirring bar, ellipse, rare earth, 10 x 15 mm, 5 pcs.	0020110747	\$ 47.00
IKAFLON 25 power ellipse	Magnetic stirring bar, ellipse, rare earth, 14 x 25 mm, 5 pcs.	0020110748	\$ 66.00
POWER SUPPLY AND DATA CABLES			
TW.PWR.0	Power supply incl. device plug (≤ 2 devices)	0020121797	\$ 88.00
TW.PWR.1	Power supply ≤ 4 devices	0025005565	\$ 70.00
TW.PWR.2	Power supply ≤ 4 units	0020116436	\$ 152.00
TW.CABLE	Extension cable 0.5 m	0020025856	\$ 50.00



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

\$ 1,262.00
Ident. No. 0025006052



IKA Plate (RCT digital)

\$ 1,442.00
Ident. No. 0025004735



RCT basic ready-to-go
Solution

\$ 1,375.00
Ident. No. 0010012117

RCT basic ETS-D5
Solution

\$ 1,480.00
Ident. No. 0010012113

RCT basic Synthesis
Solution 250

\$ 1,626.00
Ident. No. 0010012115

RCT basic Synthesis
Solution 500

\$ 1,677.00
Ident. No. 0010012114

RCT basic Synthesis
Solution 1000

\$ 1,725.00
Ident. No. 0010012116

Further package
information on
page 163



TECHNICAL DATA	RCT BASIC	IKA PLATE (RCT DIGITAL)
Stirring quantity max. (H ₂ 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
\$ 1,595.00
Ident. No. 0020002705

850 W
Power

C-MAG HS 7 control
\$ 1,314.00
Ident. No. 0020002695



① C-MAG HS 4 digital
\$ 907.00
Ident. No. 0004240201

② C-MAG HS 7 digital
\$ 972.00
Ident. No. 0003487001

③ C-MAG HS 10 digital
\$ 1,421.00
Ident. No. 0004240401



① C-MAG HS 4
\$ 891.00
Ident. No. 0003581001

② C-MAG HS 7
\$ 924.00
Ident. No. 0003581201

③ C-MAG HS 10
\$ 1,134.00
Ident. No. 0003581401



- C-MAG HS 7 Package \$ 1,292.00 0010001529
- 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 ₂ 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

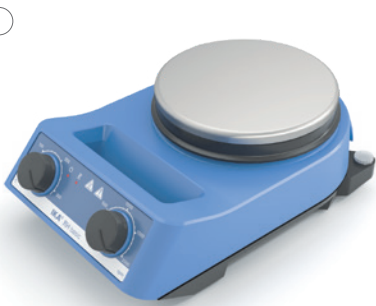
RET basic
\$ 1,610.00
Ident. No. 0003622001



① RH basic
\$ 698.00
Ident. No. 0005019701

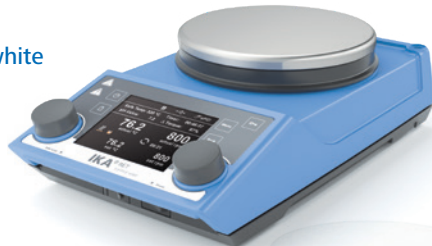
② RH basic white
\$ 728.00
Ident. No. 0005029701

③ RH basic 2
\$ 842.00
Ident. No. 0003339001



① RET control-visc
\$ 1,681.00
Ident. No. 0005020001

② RET control-visc white
\$ 1,699.00
Ident. No. 0005030001



① RH digital
\$ 783.00
Ident. No. 0005019801

② RH digital white
\$ 809.00
Ident. No. 0004678001



Weighing function
& pH measurement

TECHNICAL DATA	RET BASIC	RET CONTROL-VISC WHITE	RH BASIC BASIC WHITE RH BASIC 2	RH DIGITAL DIGITAL WHITE
Stirring quantity max. (H ₂ 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

MAGNETIC STIRRERS

/// MULTI-POSITION MAGNETIC STIRRER

① **RO 5**
\$ 2,295.00
Ident. No. 0003690500

② **RO 10**
\$ 2,828.00
Ident. No. 0003691000

③ **RO 15**
\$ 3,363.00
Ident. No. 0003692500

Adjustable reverse operation



① **RT 5**
\$ 3,291.00
Ident. No. 0003690601

② **RT 10**
\$ 3,879.00
Ident. No. 0003691101

③ **RT 15**
\$ 4,655.00
Ident. No. 0003692601

Multi-position hotplate stirrer, for synchronous heating and stirring



/// INDUSTRIAL MAGNETIC STIRRER

① **Midi MR 1 digital**
\$ 4,319.00
Ident. No. 0025002970

② **Maxi MR 1 digital**
\$ 6,239.00
dent. No. 0025002981



I-MAG
Industrial magnetic stirrer
\$ 6,157.00
Ident. No. 0020109200



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 ₂ 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

MAGNETIC STIRRERS | Without Heating

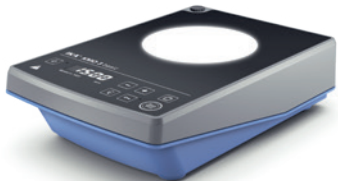
① **topolino**
\$ 137.00
Ident. No. 0003368000

② **topolino mobil**
\$ 386.00
Ident. No. 0003381300

③ **Mini MR standard**
\$ 584.00
Ident. No. 0025004132



KMO 3 basic
\$ 1,008.00
Ident. No. 0020004631





IKA myPlate
\$ 561.00
Ident. No. 0025005156





① **C-MAG MS 4**
\$ 761.00
Ident. No. 0003582201



② **C-MAG MS 7**
\$ 792.00
Ident. No. 0003582401



③ **C-MAG MS 10**
\$ 1,057.00
Ident. No. 0003582601



① **lab disc white**
\$ 522.00
Ident. No. 0003907501

② **color squid white**
\$ 553.00
Ident. No. 0003671001

③ **big squid white**
\$ 634.00
Ident. No. 0003672000



TECHNICAL DATA	TOPOLINO MINI MR STANDARD	KMO 3 BASIC IKA MYPLATE	LAB DISC	C-MAG MS 4 7 10
Stirring quantity max. (H ₂ 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
TEMPERATURE SENSORS		
Stainless steel		
PT 1000.60	0003516800	\$ 307.00
PT 1000.80	0004443000	\$ 292.00
PT 100.70	0020000440	\$ 100.00
Glass-coated		
PT 1000.70	0003736000	\$ 415.00
PT 100.51	0002600300	\$ 392.00
SafeCoat (PFA, PTFE)		
PT 1000.90	0004480600	\$ 333.00
PT 100.53	0004499700	\$ 594.00
Dual		
PT 1000.50	0003367600	\$ 624.00
PT 1000.51	0003377700	\$ 645.00

ELECTRONIC CONTACT THERMOMETERS		
ETS-D5	0003378000	\$ 360.00
ETS-D6	0003378100	\$ 879.00

SENSORS FOR ETS-D5 / ETS-D6		
H 62.51	0002735451	\$ 314.00
H 66.51, glass coated	0002735551	\$ 387.00
H 66.53, coated	0004499900	\$ 504.00
H 70, extension cable	0002735600	\$ 203.00



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

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

+ Compatible | - Not compatible | • Included in delivery

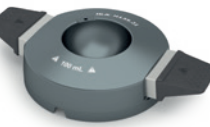




Square carrier with handle:
H 135.11



H 135.104



Flask carrier with handle:
H 135.21



Flask carrier without
handle: H 135.25



Inlay: H 135.301



Inlay: H 135.401



Inlay: H 135.501

Product	Hole Ø	Dimensions	Ident. No	Price
DRY HEATING BLOCK SQUARE SERIES				
H 135.10 Square carrier without handle	–	160 × 160 mm	0025000832	\$ 229.00
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	\$ 389.00
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	\$ 111.00
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	\$ 117.00
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	\$ 118.00
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	\$ 105.00
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	\$ 117.00
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	\$ 133.00
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	\$ 108.00
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	\$ 125.00

Product	Max. outer Ø	Inner Ø	Ident. No	Price
100 ML FLASK HEATING BLOCK SERIES				
H 135.20 Flask carrier 100 ml without handle	142 mm	–	0025000634	\$ 209.00
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	\$ 229.00
H 135.201 Flask inlay 10 ml	–	33.8 mm	0025000636	\$ 93.00
H 135.202 Flask inlay 25 ml	–	43.8 mm	0025000637	\$ 94.00
H 135.203 Flask inlay 50 ml	–	52.8 mm	0025000638	\$ 93.00

250 ML FLASK HEATING BLOCK SERIES				
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	\$ 272.00
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	\$ 386.00

500 ML FLASK HEATING BLOCK SERIES				
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	\$ 229.00
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	\$ 256.00
H 135.301 Flask inlay 100 ml	–	66.3 mm	0025000641	\$ 137.00
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	\$ 137.00

1000 ML FLASK HEATING BLOCK SERIES				
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	–	0025000833	\$ 328.00
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	–	0004448500	\$ 370.00
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	\$ 235.00

2000 ML FLASK HEATING BLOCK SERIES				
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	–	0025000834	\$ 397.00
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	–	0004448600	\$ 455.00
H 135.501 Flask inlay 1000 ml	–	131.8 mm	0025000645	\$ 345.00

Product	Dimensions	Ident. No	Price	Product	Dimensions	Ident. No	Price
IKAFLON® ROUND PTFE-COATED				IKAFLON® CROSS PTFE-COATED			
10 round (5 pcs.)	10 × 6 mm	0004488600	\$ 29.00	10 cross (5 pcs.)	10 × 10 mm	0004496200	\$ 43.00
15 round (5 pcs.)	15 × 6 mm	0004488700	\$ 29.00	20 cross (5 pcs.)	20 × 20 mm	0004496400	\$ 57.00
20 round (5 pcs.)	20 × 8 mm	0004488800	\$ 29.00	25 cross (5 pcs.)	25 × 25 mm	0004496600	\$ 55.00
25 round (5 pcs.)	25 × 8 mm	0004488900	\$ 40.00	30 cross (5 pcs.)	30 × 30 mm	0004496800	\$ 80.00
30 round (5 pcs.)	30 × 8 mm	0004489000	\$ 35.00	38 cross (5 pcs.)	38 × 38 mm	0004497000	\$ 90.00
40 round (5 pcs.)	40 × 8 mm	0004489100	\$ 42.00	IKAFLON® BONE PTFE-COATED			
50 round (5 pcs.)	50 × 8 mm	0004489200	\$ 46.00	37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	\$ 124.00
80 round (5 pcs.)	80 × 10 mm	0004489300	\$ 105.00	54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	\$ 153.00
110 round (1 pc.)	108 × 27 mm	0000793300	\$ 134.00	IKAFLON® BEAKER PTFE-COATED			
155 round (1 pc.)	153 × 27 mm	0001129000	\$ 139.00	74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	\$ 707.00

IKAFLON® ROUND GLASS-COATED			
25 round (5 pcs.)	25 × 6 mm	0004492200	\$ 85.00
40 round (5 pcs.)	40 × 8 mm	0004492600	\$ 91.00
50 round (5 pcs.)	50 × 8 mm	0004492800	\$ 59.00

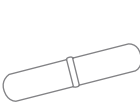
IKAFLON® SLIDE ROUND			
25 slide (5 pcs.)	25 × 6 mm	0004493800	\$ 35.00
30 slide (5 pcs.)	30 × 6 mm	0004494000	\$ 35.00
40 slide (5 pcs.)	40 × 8 mm	0004494200	\$ 51.00
50 slide (5 pcs.)	50 × 8 mm	0004494400	\$ 64.00

IKAFLON® POWER			
20 power (5 pcs.)	20 × 6 mm	0004493000	\$ 70.00
30 power (5 pcs.)	30 × 6 mm	0004493200	\$ 94.00
50 power (5 pcs.)	50 × 8 mm	0004493400	\$ 119.00

IKAFLON® ELLIPSE PTFE-COATED			
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	\$ 46.00
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	\$ 51.00
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	\$ 64.00
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	\$ 91.00
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	\$ 102.00
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	\$ 142.00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	\$ 244.00

SET OF MAGNETIC STIRRING BARS			
RS 1		0001358600	\$ 484.00
RS 2		0004499100	\$ 508.00

STIRRING BAR REMOVER			
RSE	Stirring bar remover	0001293100	\$ 179.00



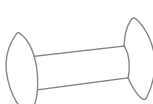
IKAFLON® round
PTFE-coated



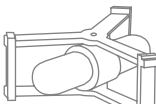
IKAFLON® ellipse
PTFE-coated



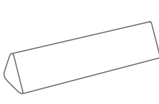
IKAFLON® cross
PTFE-coated



IKAFLON® bone
PTFE-coated



IKAFLON® beaker
PTFE-coated



TRIKA® PTFE-coated



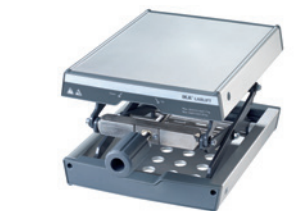
WiCo RET control-visc



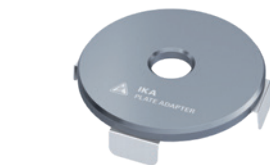
Cover RET control-visc



IB R RO 15 eco



LABLIFT m



IKA Plate Adapter



Product	Description	Ident. No.	Price
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WIRELESS-CONTROLLED OPERATING UNIT

WiCo RET control-visc	Wireless remote control	0020007259	\$ 980.00
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COVERS

H 102	Cover for RH basic	0004281600	\$ 76.00
H 103	Cover for RH digital	0004299100	\$ 76.00
H 100	Cover for RET basic	0003661000	\$ 78.00
H 104	Cover for RET control-visc	0004209500	\$ 72.00
H 105	Cover for RCT basic and digital	0025008136	\$ 76.00

MAINS CABLES

H 11	Mains cable Euro plug	0001091500	\$ 64.00
H 11	Mains cable USA plug	0003564500	\$ 64.00
H 11	Mains cable UK plug	0002410700	\$ 64.00
H 11	Mains cable CH plug	0001091600	\$ 64.00
H 11	Mains cable IN plug	0003923600	\$ 64.00

PLASTIC BATH FOR MAGNETIC STIRRER RO 15

IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	\$ 2,870.00
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LABLIFT

LABLIFT m	Up to 25 kg (max. static load)	0004022400	\$ 350.00
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IKA PLATE ADAPTER

IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	\$ 393.00
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BEAKER CAP

BC 1000	Beaker cap	0020003417	\$ 43.00
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LABORATORY SOFTWARE

labworldsoft® 6 Starter

\$ 6,192.00
Ident. No. 0020019397

labworldsoft® 6 Pro

\$ 13,811.00
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.



H 3000



HG 600



H 16.3



H 44



I-MAG cart



I-MAG SP 300

Product	Description	Ident. No.	Price
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OIL BATH ATTACHMENTS

H 29	Oil bath attachment, 1 l	0002829400	\$ 526.00
H 30	Oil bath attachment, 1.5 l	0002829500	\$ 562.00

BEAKERS, STAINLESS STEEL

H 1000	Beaker, stainless steel, 1 l	0004444401	\$ 792.00
H 1500	Beaker, stainless steel, 1.5 l	0004444501	\$ 641.00
H 3000	Beaker, stainless steel, 3 l	0004444503	\$ 768.00
H 5000	Beaker, stainless steel, 5 l	0004444505	\$ 949.00

HEATING JACKETS

HG 600	Heating jacket for beaker 600 ml	0020003416	\$ 315.00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	\$ 399.00

HOLDERS

H 16 V	Support rod	0001545100	\$ 73.00
H 16.3	Extension for support rod	0025000622	\$ 69.00
H 44	Boss head clamp	0002437700	\$ 55.00
H 38	Holding rod	0003547700	\$ 46.00

ACCESSORIES FOR I-MAG

IKAFLON 90 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 90 x 30 mm, 1 pc.	0020102963	\$ 227.00
IKAFLON 140 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 140 x 30 mm, 1 pc.	0020110382	\$ 453.00
IKAFLON 118 float	Magnetic stirring drive, PPS round, Ø 118 mm, 1 pc.	0020100638	\$ 1,037.00
RSE XL	Stirring bar remover for I-MAG	0020100641	\$ 887.00
I-MAG SP 150	Platform extension for I-MAG, for barrels up to 150 liters	0020102994	\$ 863.00
I-MAG SP 300	Platform extension for I-MAG, for barrels up to 300 liters	0020102996	\$ 1,295.00
I-MAG cart	Transport trolley and platform for I-MAG, for barrels up to 300 liters	0025008091	\$ 2,855.00
I-MAG BR	Bracket for stand rod I-MAG	0020110383	\$ 74.00
I-MAG UHC	Universal holder for I-MAG controller	0020110381	\$ 247.00
I-MAG EXT 3	Extension cable for I-MAG, 3 m	0020115558	\$ 366.00
H 28 V	Support rod for I-MAG	0020119439	\$ 325.00

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



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.

Original size

/// COMPACT OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

NANOSTAR 7.5 digital

\$ 1,428.00

Ident. No. 0025004356



MICROSTAR 7.5 digital

\$ 1,447.00

Ident. No. 0025004715



MICROSTAR 7.5 control

\$ 1,985.00

Ident. No. 0025005282



Speed range: 50 – 2000 rpm

MICROSTAR 15 digital

\$ 1,556.00

Ident. No. 0025004883



MICROSTAR 15 control

\$ 1,947.00

Ident. No. 0025005285



MICROSTAR 30 digital

\$ 1,625.00

Ident. No. 0025004884



MICROSTAR 30 control

\$ 2,054.00

Ident. No. 0025005286



Temperature sensor included

TECHNICAL DATA	NANOSTAR 7.5 DIGITAL	MICROSTAR 7.5 DIGITAL CONTROL	MICROSTAR 15 DIGITAL CONTROL	MICROSTAR 30 DIGITAL CONTROL
Stirring quantity max. (H ₂ O)	5 l	5 l	10 l	20 l
Speed range	0 / 50 – 2000 rpm	0 / 50 – 2000 rpm 0 / 30 – 2000 rpm	0 / 50 – 1000 rpm 0 / 30 – 1000 rpm	0 / 50 – 500 rpm 0 / 30 – 500 rpm
Viscosity max.	4000 mPas	4000 mPas	8000 mPas	20 000 mPas
Torque max. at stirring shaft	7.5 Ncm	7.5 Ncm	15 Ncm	30 Ncm
Temperature measuring range	–	– -10 – 350 °C	– -10 – 350 °C	– -10 – 350 °C
Torque measurement	–	– Trend	– Trend	– Trend
Chuck range diameter	0.5 – 8.2 mm	0.5 – 8.2 mm	0.5 – 8.2 mm	0.5 – 8.2 mm
Display	LED	LED LCD	LED LCD	LED LCD
Dimensions (W x H x D)	53 x 147 x 130 mm	60 x 173 x 126 mm 60 x 173 x 136 mm	60 x 173 x 126 mm 60 x 173 x 136 mm	60 x 173 x 126 mm 60 x 173 x 136 mm
Protection class according to DIN EN 60529	IP 54	IP 54	IP 54	IP 54

/// PILOT SCALE OVERHEAD STIRRERS

EUROSTAR 400 digital

\$ 5,782.00

Ident. No. 0025000750

EUROSTAR 400 control

\$ 6,614.00

Ident. No. 0025000757



/// HIGH SPEED OVERHEAD STIRRERS

EUROSTAR 20 high speed digital

\$ 3,198.00

Ident. No. 0004028601

EUROSTAR 20 high speed control

\$ 4,657.00

Ident. No. 0025001463



/// ULTRA HIGH TORQUE OVERHEAD STIRRERS

EUROSTAR 100 P4 control

\$ 6,315.00

Ident. No. 0025004504



EUROSTAR 200 P4 control

\$ 6,438.00

Ident. No. 0004090001



TECHNICAL DATA	EUROSTAR 400 DIGITAL CONTROL	EUROSTAR 20 HIGH SPEED DIGITAL CONTROL	EUROSTAR 100 P4 CONTROL	EUROSTAR 200 P4 CONTROL
Stirring quantity max. (H ₂ O)	150 l	20 l	100 l	100 l
Speed range	I: 6 – 400 rpm II: 30 – 2000 rpm	0 / 150 – 6000 rpm	10 – 300 rpm	I: 0 / 4 – 108 rpm II: 16 – 530 rpm
Viscosity max.	100 000 mPas	10 000 mPas	100 000 mPas	150 000 mPas
Torque max. at stirring shaft	I: 400 Ncm II: 80 Ncm	20 Ncm	320 Ncm	I: 660 Ncm II: 130 Ncm
Chuck range diameter	3 – 16 mm	–	0.5 – 10 mm	0.5 – 10 mm
Display	LED TFT	LED TFT	TFT	TFT
Temperature measuring range	– -10 – 350 °C	– -10 – 350 °C	-10 – 350 °C	-10 – 350 °C
Dimensions (W × 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

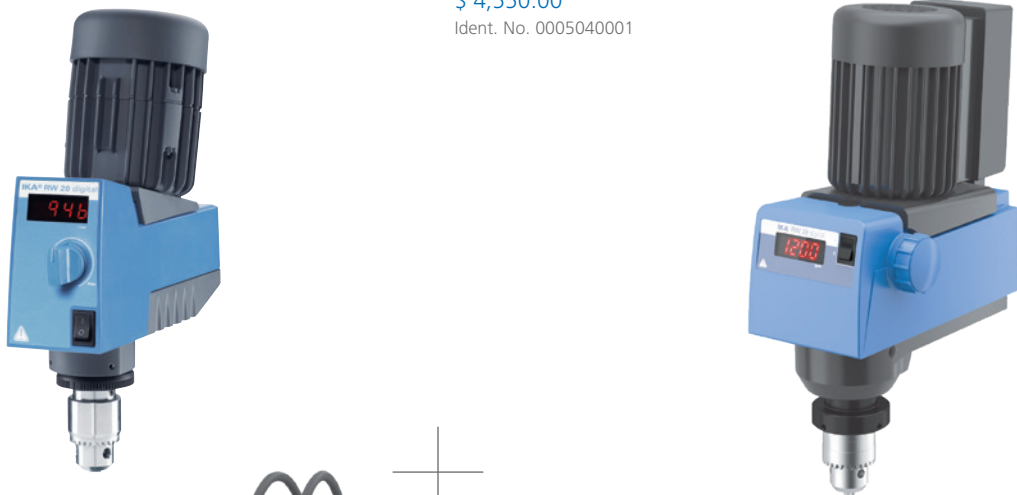
\$ 1,406.00

Ident. No. 0003593001

RW 28 digital

\$ 4,550.00

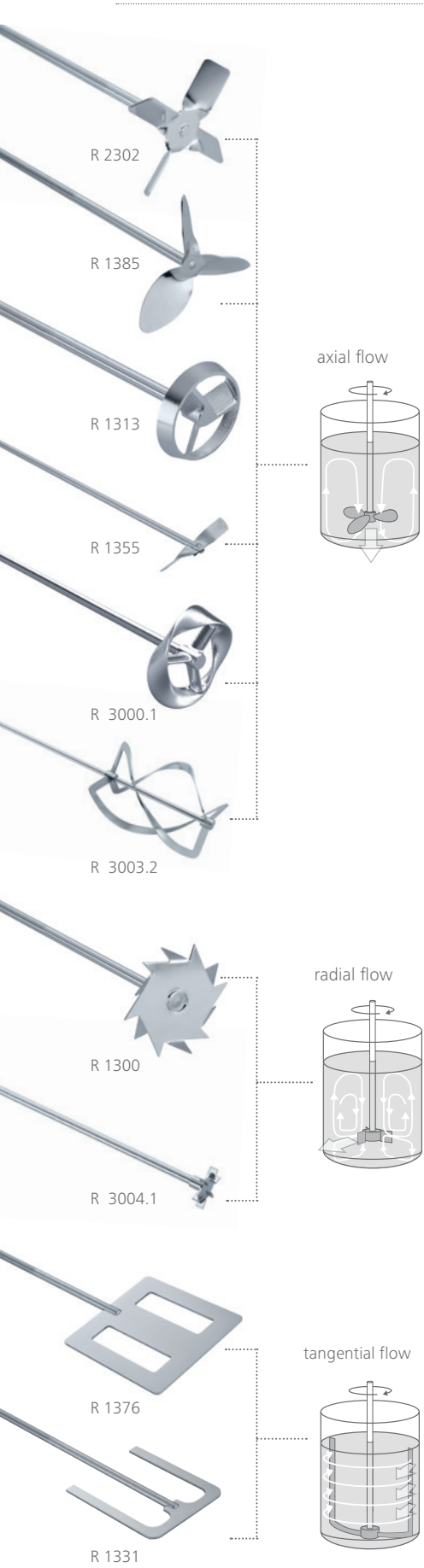
Ident. No. 0005040001



/// PILOT SCALE OVERHEAD STIRRER



TECHNICAL DATA	RW 20 DIGITAL	RW 28 DIGITAL	RW 47 DIGITAL
Stirring quantity max. (H ₂ O)	20 l	80 l	200 l
Speed range	I: 60 – 500 rpm II: 240 – 2000 rpm	I: 60 – 400 rpm II: 240 – 1400 rpm	I: 57 – 275 rpm II: 275 – 1300 rpm
Viscosity max.	10 000 mPas	50 000 mPas	100 000 mPas
Torque max. at stirring shaft	I: 150 Ncm II: 24 Ncm	I: 900 Ncm II: 300 Ncm	I: 3000 Ncm II: 620 Ncm
Chuck range diameter	0.5 – 10 mm	1 – 10 mm	3 – 16 mm
Display	LED	LED	LED
Dimensions (W × 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

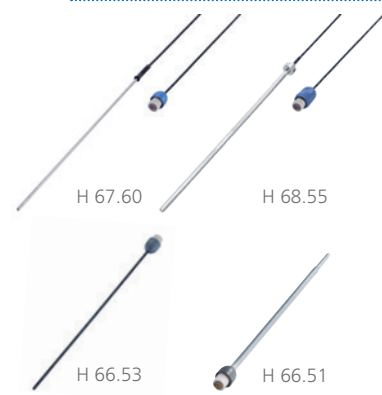


Product	Shaft length Shaft diameter Stirrer diameter	Max. speed	Ident. No.	Price
PROPELLER STIRRERS, 4-BLADED				
R 1342	350 8 50 mm	≤ 2000 rpm	0000741000	\$ 343.00
R 1345	550 8 100 mm	≤ 800 rpm	0000741300	\$ 395.00
R 2302	800 13 150 mm	≤ 600 rpm	0000739000	\$ 1,635.00
PROPELLER STIRRERS, 3-BLADED				
R 1381	350 8 45 mm	≤ 2000 rpm	0001296000	\$ 374.00
R 1382	350 8 55 mm	≤ 2000 rpm	0001295900	\$ 375.00
R 1385	550 10 140 mm	≤ 800 rpm	0000477700	\$ 393.00
R 1388	800 10 140 mm	≤ 400 rpm	0000477800	\$ 1,075.00
R 1389*	350 8 75 mm	≤ 800 rpm	0002343600	\$ 751.00
TURBINE STIRRERS				
R 1311	350 8 30 mm	≤ 2000 rpm	0002332900	\$ 508.00
R 1312	350 8 50 mm	≤ 2000 rpm	0002333000	\$ 641.00
R 1313	400 10 70 mm	≤ 800 rpm	0002333100	\$ 829.00
CENTRIFUGAL STIRRERS				
R 1352	350 8 60/15 mm	≤ 2000 rpm	0000756900	\$ 471.00
R 1355	550 8 100/24 mm	≤ 800 rpm	0001132700	\$ 606.00
DISSOLVER STIRRERS				
R 1300	350 8 80 mm	≤ 2000 rpm	0000513500	\$ 646.00
R 1302	350 10 100 mm	≤ 1000 rpm	0002387900	\$ 1,041.00
R 1303	350 8 40 mm	≤ 2000 rpm	0002746700	\$ 883.00
PADDLE STIRRERS				
R 1375	550 8 70 mm	≤ 800 rpm	0000757700	\$ 507.00
R 1376	550 10 150 mm	≤ 800 rpm	0000757800	\$ 1,057.00
R 2311	800 13 150 mm	≤ 600 rpm	0000739500	\$ 1,209.00
ANCHOR STIRRERS				
R 1330	350 8 45 mm	≤ 1000 rpm	0002022300	\$ 503.00
R 1331	350 8 90 mm	≤ 1000 rpm	0002022400	\$ 560.00
R 1333	550 10 150 mm	≤ 800 rpm	0002747400	\$ 1,099.00
MOEBIUS STIRRERS				
R 3000.1	565 10 100 mm	≤ 800 rpm	0020001192	\$ 760.00
R 3001.1	575 10 100 mm	≤ 800 rpm	0020001195	\$ 778.00
SPIRAL STIRRERS				
R 3003	350 8 50 mm	≤ 800 rpm	0020001203	\$ 652.00
R 3003.1	550 10 100 mm	≤ 800 rpm	0020001204	\$ 729.00
R 3003.2	800 10 150 mm	≤ 800 rpm	0020001205	\$ 1,086.00
BLADE STIRRERS				
R 3004	359 8 30 mm	≤ 1000 rpm	0020001206	\$ 564.00
R 3004.1	565 10 50 mm	≤ 1000 rpm	0020001207	\$ 756.00
R 3004.2	819 10 70 mm	≤ 1000 rpm	0020001208	\$ 1,025.00
PADDLE STIRRERS SCREW-TYPE STIRRERS				
R 1001	160 4 34 mm	2000 rpm	0000527400	\$ 782.00
R 1002	140 4 12 mm	2000 rpm	0000527500	\$ 352.00

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

++ IKA recommended | + Installable | - Not compatible



IKA [scale]

			NANOSTAR digital	MICRO-STAR digital control	MINISTAR digital control
Product	Ident. No.	Price			
TEMPERATURE SENSORS					
H 67.60 stainless steel	0025006664	\$ 113.00	–	control	control
H 67.61 stainless steel	0025007920	\$ 459.00	–	control	control
H 68.55 stainless steel	0025007921	\$ 499.00	–	control	control
H 70 extension cable	0002735600	\$ 203.00	–	control	control
SENSORS IN COMBINATION WITH H 70					
H 62.51 stainless steel	0002735451	\$ 314.00	–	control	control
H 66.51 glass-coated	0002735551	\$ 387.00	–	control	control
H 66.53 coated	0004499900	\$ 504.00	–	control	control
STANDS					
Plate stands					
IKA [scale]	0025004318	\$ 1,485.00	++	++	++
R 1825	0003160000	\$ 305.00	++	++	++
R 1826	0003160100	\$ 344.00	++	++	++
R 1827	0003160200	\$ 356.00	++	++	++
H-stand					
R 2722	0001412000	\$ 687.00	–	++	++
Telescopic stands					
R 2723	0001412100	\$ 749.00	–	++	++
R 474	0001643000	\$ 2,483.00	–	–	–
Floor stands					
R 472	0000738700	\$ 4,717.00	–	–	–
R 2850	0020002900	\$ 4,147.00	–	–	–
R 6547 H	0020018533	\$ 12,946.00	–	–	–
R 6547 E 400V	0020018673	\$ 17,896.00	–	–	–



RH 3

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	–	++	++	–	++

[illegible]

++ IKA recommended | + Installable | – Not compatible

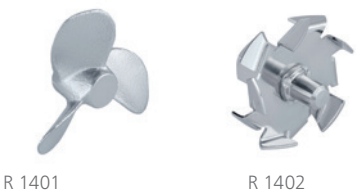


R 1825

IKA [scale]

R 2723

R 6547 H



R 1401 R 1402



R 301



R 60



Product	Description	Ident. No.	Price
ACCESSORIES EUROSTAR 20 HIGH SPEED DIGITAL AND CONTROL			
R 1401	Propeller, Ø 55 mm	0001242900	\$ 742.00
R 1405	Propeller, Ø 45 mm	0001289800	\$ 599.00
R 1402	Dissolver, Ø 42 mm	0001243300	\$ 859.00
ACCESSORIES FOR PROTECTION AND SAFETY			
R 301	Stirring shaft protection	0002603000	\$ 399.00
R 301.1	Support holder for R 301	0002604000	\$ 485.00
R 303	Stirring shaft protection	0030000257	\$ 1,019.00
SI 400	Safety switch	0003294800	\$ 2,418.00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	\$ 2,376.00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	\$ 561.00
FURTHER ACCESSORIES			
WH 11	Wall mount for WiCo	0025001500	\$ 60.00
FK 1	Flexible coupling	0002336000	\$ 592.00
R 60	Keyless chuck	0003889500	\$ 211.00
R 60.1	Keyless chuck	0025007821	\$ 207.00

LABORATORY SOFTWARE

labworldsoft® 6 Starter

\$ 6,192.00

Ident. No. 0020019397

labworldsoft® 6 Advanced

\$ 10,546.00

Ident. No. 0020105873

labworldsoft® 6 Pro

\$ 13,811.00

Ident. No. 0020017366

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



SAFETY FIRST

Stress-free mixing at your 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 thermo-shakers can do everything you need. You can achieve optimal mixing results with the smallest of volumes, whether it’s blood samples, pharmaceutical agents, DNA / RNA samples or ELISA assays. In combination with IKA incubation shakers, centrifuges, pipettes and the Dry Block Heater, our thermoshakers facilitate an optimum workflow in the field of Sample Handling, Liquid Handling and Cell Handling.

MATRIX ORBITAL DELTA PLUS

/// The thermoshaker with cooling feature

The MATRIX Orbital Delta Plus is the youngest member of the MATRIX family. This thermoshaker mixes, heats and cools samples in the milliliter range. This simulta-neity 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 at-tachment 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

\$ 2,248.00

Ident. No. 0020025539



1 **MATRIX Orbital Δ FP**

\$ 3,188.00

Ident. No. 0020025678

2 **MATRIX Orbital Δ F0.5**

\$ 3,188.00

Ident. No. 0020025648

3 **MATRIX Orbital Δ F1.5**

\$ 3,233.00

Ident. No. 0020025658

4 **MATRIX Orbital Δ F2.0**

\$ 3,188.00

Ident. No. 0020025668



TECHNICAL DATA

	MATRIX ORBITAL	MATRIX ORBITAL Δ FP F0.5 F1.5 F2.0
Type of movement	Orbital	Orbital
Speed range	300 – 3000 rpm	FP F0.5: 300 – 2000 rpm F1.5 F2.0: 300 – 1500 rpm
Shaking stroke	3 mm	3 mm
Heating range	–	RT + 4 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W x H x D)	198 x 124 x 318 mm	FP: 216 x 147 x 351 mm F0.5: 216 x 149 x 351 mm F1.5 / 2.0: 216 x 158 x 351 mm
Protection class according to DIN EN 60529	IP 21	IP 21

MATRIX Δ+

\$ 2,772.00
Ident. No. 0020100528

Heating & cooling



MATRIX Orbital Δ+

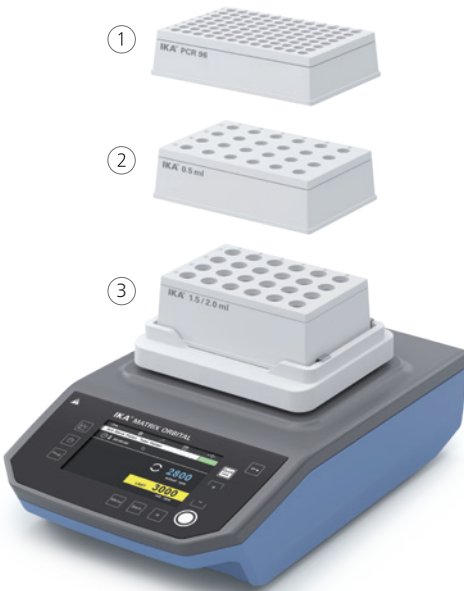
\$ 3,308.00
Ident. No. 0020100516

Mixing, heating & cooling



TECHNICAL DATA

	MATRIX Δ+	MATRIX ORBITAL Δ+
Type of movement	—	Orbital
Speed range	—	300 – 3000 rpm
Shaking stroke	—	3 mm
Heating range	RT -30 °C – 110 °C	RT -15 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W × H × D)	216 × 127 × 351 mm	216 × 127 × 351 mm
Protection class according to DIN EN 60529	IP 21	IP 21



Product	Description	Ident. No.	Price
ACCESSORIES THERMOSHAKERS			
(A) MX cover	Cover	0030001253	\$ 135.00
(B) MX thermocover	Cover, heatable	0030001244	\$ 629.00
(C) MX 50.0 ml	Attachment for vials, 4 × 50 ml vials	0030000863	\$ 629.00
(D) MX 15.0 ml	Attachment for vials, 8 × 15 ml vials	0030000821	\$ 674.00
(E) MX 5.0 ml	Attachment for vials, 8 × 5 ml vials	0030000859	\$ 674.00
(F) MX 2.0 ml	Attachment for vials, 24 × 2.0 ml vials	0030000834	\$ 629.00
(G) MX 1.5 ml	Attachment for vials, 24 × 1.5 ml vials	0030000829	\$ 629.00
(H) MX 12.0 mm	Attachment for vials, 24 × 12 mm vials	0030000844	\$ 674.00
(I) MX cryo	Attachment for vials, 24 × cryo vials	0030000848	\$ 674.00
(J) MX 0.5 ml	Attachment for vials, 24 × 0.5 ml vials	0030000840	\$ 674.00
(K) MX PCR96	Attachment for 96 PCR plates	0030000853	\$ 755.00
(L) MX PCR384	Attachment for 384 PCR plates	0030000857	\$ 808.00
(M) MX carrier	Attachment for microtiter plates	0030000849	\$ 755.00
(3) MX insert 1.5/2.0 ml	Insert for 1.5 / 2.0 ml vials	0030001158	\$ 65.00
(2) MX insert 0.5 ml	Insert for 0.5 ml vials	0030001157	\$ 65.00
(1) MX insert PCR96	Insert for 0.2 ml PCR vials	0030001159	\$ 65.00



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**
\$ 8,116.00
Ident. No. 0003940001

② **KS 3000 ic control**
\$ 10,138.00
Ident. No. 0003940101

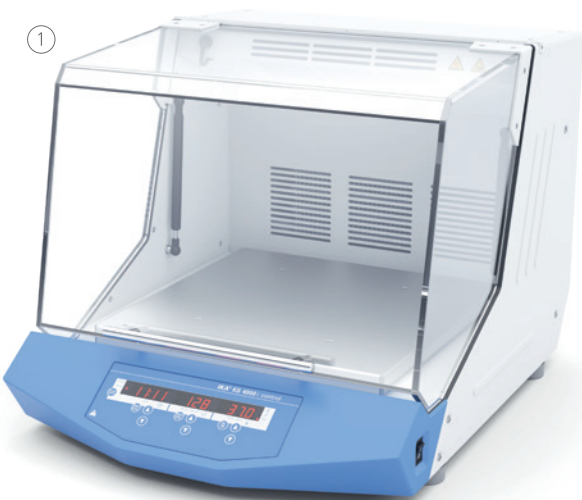


KS 3000 ic with built-in cooling coil



① **KS 4000 i control**
\$ 9,699.00
Ident. No. 0003510001

② **KS 4000 ic control**
\$ 11,717.00
Ident. No. 0003510101



Allows unattended operation

TECHNICAL DATA	KS 3000 I IC	KS 4000 I IC
Type of movement	Orbital	Orbital
Permissible shaking weight (incl. attachment)	7.5 kg	20 kg
Speed range	10 – 500 rpm	10 – 500 rpm
Timer display	7 segment LED	7 segment LED
Speed display	LED	LED
Operating mode	Timer and continuous operation	Timer and continuous operation
Temperature range (inlet T>3°C)	RT +5 °C – 80 °C RT -10 °C – 80 °C	RT +5 °C – 80 °C RT -10 °C – 80 °C
Total volume inner chamber	50 l	90 l
Dimensions (W x H x D)	465 x 430 x 695 mm	580 x 525 x 750 mm
Protection class according to DIN EN 60529	IP 30	IP 30

① **ROCKER 2D basic**
\$ 1,240.00
Ident. No. 0004002000

② **ROCKER 2D digital**
\$ 1,417.00
Ident. No. 0004003000



① **ROCKER 3D basic**
\$ 1,502.00
Ident. No. 0004000000

② **ROCKER 3D digital**
\$ 1,654.00
Ident. No. 0004001000



① **ROLLER 6 basic**
\$ 2,492.00
Ident. No. 0004010000

② **ROLLER 6 digital**
\$ 2,889.00
Ident. No. 0004011000



ROLLER 10 basic
\$ 2,947.00
Ident. No. 0004012000

② **ROLLER 10 digital**
\$ 3,458.00
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

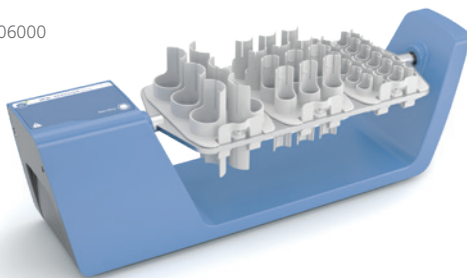
① **Loopster basic**
\$ 1,191.00
Ident. No. 0004015000

② **Loopster digital**
\$ 1,389.00
Ident. No. 0004016000



① **Trayster basic**
\$ 1,283.00
Ident. No. 0004005000

② **Trayster digital**
\$ 1,420.00
Ident. No. 0004006000



① **Hula Dancer basic**
\$ 557.00
Ident. No. 0025004320

② **Hula Dancer digital**
\$ 652.00
Ident. No. 0025003634



① **MS 3 basic**
\$ 837.00
Ident. No. 0003617000

② **MS 3 digital**
\$ 945.00
Ident. No. 0003319000

③ **MS 3 control**
\$ 991.00
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

\$ 506.00
Ident. No. 0025001607



VORTEX 3

\$ 784.00
Ident. No. 0003340001



HANDS FOR CHILDREN

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

TECHNICAL DATA	VORTEX 2	VORTEX 3
Type of movement	Orbital	Orbital
Speed range	500 – 2500 rpm	0 – 2500 rpm
Timer	No	No
Speed display	Scale	Scale (0-6)
Operating mode	Continuous / touch operation	Continuous / touch operation
Permissible shaking weight (incl. attachment)	0.4 kg	0.4 kg
Dimensions (W x H x D)	120 x 140 x 138 mm	127 x 136 x 149 mm
Protection class according to DIN EN 60529	IP 21	IP 21

VORTEX 1

\$ 387.00
Ident. No. 0004047700



MTS 2/4 digital

\$ 2,449.00
Ident. No. 0003208001

For shaking two or four microtiter plates



VXR basic Vibrax®

\$ 1,735.00
Ident. No. 0002819001



lab dancer

\$ 259.00
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
\$ 2,543.00
Ident. No. 0002980001
- ②

KS 130 control
\$ 3,838.00
Ident. No. 0002980101
- ③

KS 130 control NOL
\$ 3,871.00
Ident. No. 0004278201



- ①

KS 260 basic
\$ 3,787.00
Ident. No. 0002980201
- ②

KS 260 control
\$ 4,553.00
Ident. No. 0002980301
- ③

KS 260 control NOL
\$ 4,592.00
Ident. No. 0004278401



TECHNICAL DATA	KS 130 BASIC CONTROL	KS 260 BASIC CONTROL
Type of movement	Orbital	Orbital
Shaker diameter	4 mm	10 mm
Permissible shaking weight (incl. attachment)	2.0 kg	7.5 kg
Speed range	80 – 800 rpm	50 – 500 rpm 10 – 500 rpm
Timer display	LED line LCD	LED line LCD
Speed display	LED line LCD	LED line LCD
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W 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
\$ 3,807.00
Ident. No. 0003066601
- ②

HS 260 control
\$ 4,575.00
Ident. No. 0003066701
- ③

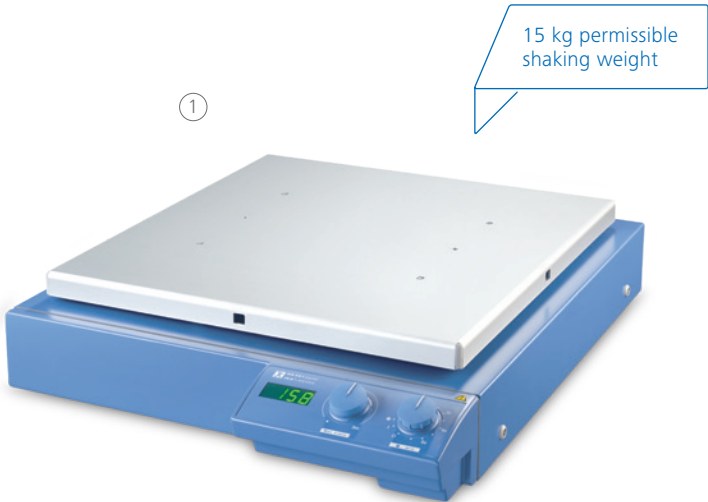
HS 260 control NOL
\$ 4,654.00
Ident. No. 0004278601



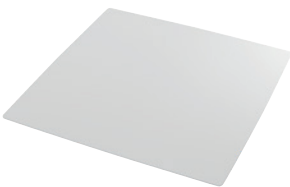
- ①

HS 501 digital
\$ 5,038.00
Ident. No. 0025002983
- ②

KS 501 digital
\$ 4,926.00
Ident. No. 0025002986



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



RD 1



TB 1



TB 3



DS 2
Tube attachment



DS 4
Tube attachment



DS 6.1



DS 6.2



DS 6.3



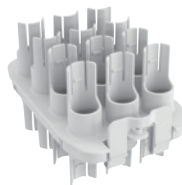
DS 6.4



TR 1



TR 2



TR 3



TR 4

Product	Description	Ident. No.	Price
ACCESSORIES ROCKER			
A 2	Second level attachment	0004581700	\$ 147.00
RD 1	Universal mat	0004532000	\$ 30.00
RD 2	Burled mat	0004532100	\$ 37.00
TB 1	Tray, 24 x 5 ml, Ø 12 mm	0004532200	\$ 89.00
TB 2	Tray, 12 x 15 ml, Ø 16 mm	0004532300	\$ 89.00
TB 3	Tray, 10 x 30 ml, Ø 25 mm	0004532400	\$ 88.00
TB 4	Tray, 8 x 30 ml, Ø 28 mm	0004532500	\$ 89.00

ACCESSORIES LOOPSTER			
DS 1	Tube attachment, 48 x 1.5 ml, Ø 10 mm	0004524000	\$ 317.00
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	\$ 317.00
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	\$ 317.00
DS 4	Tube attachment, 2 x 30 ml, Ø 25 mm	0004524300	\$ 317.00
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	\$ 317.00
DS 6	Universal disc	0004524500	\$ 257.00
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	\$ 16.00
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	\$ 16.00
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	\$ 24.00
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	\$ 24.00
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	\$ 24.00

ACCESSORIES TRAYSTER			
TR 1	Tube insert, 24 x 1.5 ml, Ø 10 mm	0004525100	\$ 93.00
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	\$ 92.00
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	\$ 93.00
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	\$ 93.00



Product	Description	Ident. No.	Price
ACCESSORIES MS 3 BASIC DIGITAL CONTROL			
MS 3.1	Standard attachment	0003426300	\$ 85.00
MS 3.3	Universal attachment	0003426600	\$ 85.00
MS 1.21	One-hand insert	L001540	\$ 42.00
MS 1.30	Attachment for 0.5 ml tubes	0025005776	\$ 71.00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	\$ 77.00
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	\$ 54.00
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	\$ 52.00
MS 1.34	Test tube insert	L001830	\$ 44.00
MS 3.4	Microtiter plate attachment	0003426400	\$ 112.00
MS 3.5	PCR plate attachment, 96-well	0003428000	\$ 296.00



ACCESSORIES VORTEX 2 VORTEX 3			
VG 3.1	Standard attachment	0003341200	\$ 23.00
VG 3.2	One-hand attachment	0003342300	\$ 54.00
VG 3.21	Rubber mat	0020008398	\$ 36.00
VG 3.3	Universal attachment, 150 mm	0003342400	\$ 54.00
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	\$ 70.00
VG 3.31	Test tube attachment for 54 tubes	0003344300	\$ 136.00
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	\$ 78.00
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	\$ 71.00
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	\$ 71.00
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	\$ 71.00
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	\$ 128.00
VG 3.37	Microtiter plate attachment	0003344400	\$ 64.00



VX 2E.n



VX 2



VX 11.1



AS 130.1



AS 260.3



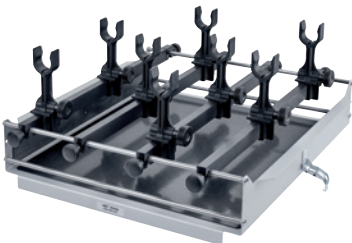
AS 1.10



AS 501.2



AS 501.3



AS 501.6

Product	Description	Ident. No.	Price
ACCESSORIES VXR			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	\$ 247.00
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	\$ 1,050.00
VX 2E.n	Tube attachment, 64 × 1.5 ml	0020018016	\$ 1,174.00
VX 7	Dish attachment	0000953300	\$ 763.00
VX 8	Universal attachment	0000910400	\$ 1,739.00
VX 11	Basic holder	0003627700	\$ 513.00
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	\$ 445.00
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	\$ 445.00
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	\$ 379.00
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	\$ 379.00
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	\$ 391.00
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	\$ 317.00
VX 8.1	Clamping roll	0003375400	\$ 163.00

ACCESSORIES KS 130 BASIC CONTROL			
AS 130.1	Universal attachment	0008017300	\$ 404.00
AS 130.2	Fixing clip attachment	0003115000	\$ 213.00
AS 130.3	Dish attachment	0003120000	\$ 134.00
AS 130.4	Test tube attachment	0003120300	\$ 399.00

ACCESSORIES KS HS 260 BASIC CONTROL AND KS 3000			
AS 260.1	Universal attachment	0008017400	\$ 598.00
AS 260.2	Fixing clip attachment	0003115500	\$ 285.00
AS 260.3	Dish attachment	0003120600	\$ 226.00
AS 260.5	Separating funnel attachment	0003120900	\$ 1,195.00

ACCESSORIES KS HS 501 DIGITAL			
AS 501.1	Universal attachment	0008000200	\$ 2,336.00
AS 501.2	Separating funnel attachment	0008000300	\$ 2,424.00
AS 501.3	Separating funnel attachment	0008000400	\$ 2,303.00
AS 501.4	Fixing clip attachment	0002341100	\$ 2,184.00
AS 501.5	Dish attachment	0002339600	\$ 618.00
AS 501.6	Separating funnel attachment	0008000500	\$ 3,964.00



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
ACCESSORIES KS 4000 I IC CONTROL			
AS 4000.1	Universal attachment	0008022200	\$ 1,317.00
AS 4000.2	Fixing clip attachment	0003710100	\$ 1,096.00
AS 4000.3	Dish attachment	0003710000	\$ 290.00
AS 1.400	Basic holder for AS 4000.1	0003710200	\$ 753.00
AS 1.401	Clamping roll for AS 4000.1	0003712000	\$ 154.00
AS 1.402	Fastening screw for AS 4000.1	0003712300	\$ 42.00

ACCESSORIES			
AS 1.30	Basic holder for AS 130.1	0003148000	\$ 184.00
AS 1.60	Basic holder for AS 260.1	0003149000	\$ 557.00
AS 1.10	Basic holder for AS 501.1	0002339700	\$ 2,055.00
AS 1.31	Clamping roll for AS 130.1	0003030500	\$ 84.00
AS 1.61	Clamping roll for AS 260.1	0003030501	\$ 61.00
AS 1.11	Clamping roll for AS 501.1	0002339800	\$ 179.00
AS 1.6	Clamping device for AS 501.1	0001268400	\$ 152.00
AS 1.7	Clamping device for AS 501.1	0001269200	\$ 184.00
AS 1.12	Supporting bar for AS 1.10	0002594500	\$ 401.00
AS 1.13	Ground section holder for AS 1.10	0002597000	\$ 379.00
STICKMAX	Universal adhesive mat	0003920000	\$ 195.00
AS 2.0	Fixing clips, 10 ml	0020016475	\$ 68.00
AS 2.1	Fixing clips, 25 ml	0001234300	\$ 39.00
AS 2.2	Fixing clips, 50 ml	0001234400	\$ 39.00
AS 2.3	Fixing clips, 100 ml	0001234500	\$ 39.00
AS 2.4	Fixing clips, 200 250 ml	0001234600	\$ 71.00
AS 2.5	Fixing clips, 500 ml	0001234700	\$ 71.00
AS 2.6	Fixing clips, 1000 ml	0003819300	\$ 71.00
AS 2.7	Fixing clips, 2000 ml	0020016476	\$ 163.00



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®

\$ 2,208.00
Ident. No. 0020103241

Brushless DC motor guarantees dust-free and quieter operation



T 25 easy clean digital ULTRA-TURRAX®

\$ 3,166.00
Ident. No. 0025002561

T 25 easy clean control ULTRA-TURRAX®

\$ 4,366.00
Ident. No. 0025002501



T 18 mini digital ULTRA-TURRAX®

\$ 1,650.00
Ident. No. 0020128581

NEW!



T 25 mini control ULTRA-TURRAX®

\$ 2,420.00
Ident. No. 0025008171

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 ₂ 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®

\$ 2,139.00
Ident. No. 0003737001



T 18 digital ULTRA-TURRAX®

\$ 1,848.00
Ident. No. 0003720001



T 18 digital ULTRA-TURRAX® Package	\$ 4,286.00 0010002694
T 18 digital ULTRA-TURRAX® Disperser	
S 18 N - 19 G Dispersing tool	
R 1826 Plate stand	
R 182 Boss head clamp	
RH 3 Strap clamp	



T 25 digital ULTRA-TURRAX®

\$ 2,867.00
Ident. No. 0003725001



T 50 digital ULTRA-TURRAX®

\$ 4,931.00
Ident. No. 0003787001



TECHNICAL DATA	T 10 BASIC ULTRA-TURRAX®	T 18 DIGITAL ULTRA-TURRAX®	T 25 DIGITAL ULTRA-TURRAX®	T 50 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Batch
Speed range	8000 – 30 000 rpm	3000 – 25 000 rpm	3000 – 25 000 rpm	600 – 10 000 rpm
Volume range (H ₂ O)	0.0005 – 0.1 l	0.001 – 1.5 l	0.001 – 2.0 l	0.25 – 30 l
Speed control	Stepless	Stepless	Stepless	Stepless
Noise without element	65 dB(A)	75 dB(A)	75 dB(A)	72 dB(A)
Extension arm length	100 mm	160 mm	160 mm	220 mm
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	5000 mPas
Dimensions (W × 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®

\$ 12,380.00
Ident. No. 0004234501



UTL 25 digital Inline
ULTRA-TURRAX®

\$ 12,736.00
Ident. No. 0010006857

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



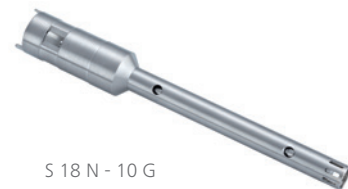
TECHNICAL DATA	T 65 DIGITAL ULTRA-TURRAX®	UTL 25 DIGITAL ULTRA-TURRAX®
Process type	Batch	Inline
Speed range	1000 – 9500 rpm	3000 – 25 000 rpm
Volume range (H ₂ O)	2 – 50 l	–
Speed control	Stepless	Stepless
Noise without element	75 dB(A)	73 dB(A)
Extension arm length		175 mm
Viscosity max.	5000 mPas	–
Dimensions (W × H × D)	300 × 420x 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
DISPERSING ELEMENTS FOR T 10 BASIC			
S 10 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446500	\$ 2,100.00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	\$ 2,100.00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	\$ 2,000.00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	\$ 2,000.00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	\$ 2,000.00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	\$ 1,000.00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	\$ 1,100.00
DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	\$ 1,950.00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	\$ 1,950.00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	\$ 750.00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	\$ 750.00
S 18/25-ET50	Disposable tube	0003452500	\$ 34.00



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
DISPERSING ELEMENTS FOR T 25 DIGITAL			
S 25 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446900	\$ 2,250.00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	\$ 2,050.00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	\$ 2,050.00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	\$ 2,250.00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	\$ 2,200.00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	\$ 2,000.00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	\$ 2,000.00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	\$ 2,800.00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	\$ 2,150.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	\$ 2,900.00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	\$ 2,250.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	\$ 3,200.00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	\$ 2,800.00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	\$ 750.00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	\$ 750.00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	\$ 2,200.00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	\$ 2,300.00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	\$ 2,250.00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	\$ 2,500.00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	\$ 2,500.00
Silentstream	Flow breaker	0003754000	\$ 79.00
S 18/25-ET50	Disposable tube	0003452500	\$ 34.00
TS 25-3	Cleaning tool	0020003013	\$ 271.00
CT.15	Cleaning tube	0020006595	\$ 239.00



Silentstream



TS 25-3



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 25 EASY CLEAN DIGITAL AND CONTROL			
S 25 EC - C - 18 G	Dispersing element, Ø 18 mm	0020108996	\$ 2,100.00
S 25 EC - C - 25 G	Dispersing element, Ø 25 mm	0020108997	\$ 2,100.00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	\$ 2,200.00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	\$ 2,100.00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	\$ 2,150.00
S 25 EC - T - C - 18 G	Dispersing element, Ø 18 mm, temperature sensor	0020108998	\$ 2,300.00
S 25 EC - T - C - 25 G	Dispersing element, Ø 25 mm, temperature sensor	0020108999	\$ 2,300.00
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature sensor	0025007398	\$ 2,300.00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	\$ 2,400.00
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	\$ 2,400.00
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	\$ 127.00
WiCo T 25 easy clean control	Wireless remote control	0025006310	\$ 928.00



DISPERSING ELEMENTS FOR T 50 DIGITAL			
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	\$ 4,700.00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	\$ 4,700.00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	\$ 4,900.00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	\$ 5,100.00
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	\$ 6,100.00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	\$ 6,100.00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	\$ 6,300.00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	\$ 6,500.00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	\$ 5,400.00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	\$ 5,400.00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	\$ 5,600.00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	\$ 5,800.00
R 50	Stirring shaft, high speed	0001689300	\$ 3,035.00
R 1405	Propeller, Ø 45 mm	0001289800	\$ 599.00
R 1402	Dissolver, Ø 42 mm	0001243300	\$ 859.00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	\$ 4,700.00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	\$ 4,800.00



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 65 DIGITAL			
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	\$ 5,300.00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	\$ 5,600.00
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	\$ 5,900.00
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0010010765	\$ 6,100.00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0010010767	\$ 6,400.00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0010010768	\$ 6,700.00
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	\$ 5,500.00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	\$ 5,800.00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	\$ 6,100.00
D 60	Dissolver, Ø 60 mm	0020008388	\$ 1,611.00
D 80	Dissolver, Ø 80 mm	0020008389	\$ 2,293.00
INLINE DISPERSER SYSTEM - ACCESSORIES			
DK 25.11	Flow chamber	0002518000	\$ 4,923.00
AD 25	Mounting support for DK 25.11	0002562500	\$ 1,088.00
S 25 KV - 25 G-IL	Dispersing element	0002563000	\$ 4,000.00
S 25 KV - 25 F-IL	Dispersing element	0002830200	\$ 4,000.00

NOMENCLATURE DISPERSING ELEMENTS

Shaft		Outer diameter of stator	Saw-tooth
S 50	KG - HH - G	45	G - ST
Sealing and bearing	Generator or element	Degree of fineness achieved	
		G = Coarse	
		M = Medium	
		F = Fine	
		G = Proved configuration	
		W = Special element	
N = PTFE bearing			
KV = Ball bearing with vacuum-tight sliding-ring seal with silicon carbide seal rings			
KG - HH = Ball bearing with sliding-ring seals of hard metal allow with FFPM seals rings			
C = Ceramic-coated bearing			
KD = Ball bearing with PTFE seal and FFKM O-ring			

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*

\$ 4,805.00
Ident. No. 0025002644

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

MultiDrive control MT Package

\$ 5,071.00
Ident. No. 0010007100

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

FOR DRY
SAMPLES



MultiDrive basic*

\$ 3,997.00
Ident. No. 0025002639

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



MultiDrive control BT Package

\$ 5,095.00
Ident. No. 0010007108

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

FOR WET
SAMPLES



MultiDrive basic M 20 Successor Package

\$ 4,592.00
Ident. No. 0010010968

- 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

\$ 2,298.00

Ident. No. 0025002269



A 11 basic

\$ 3,195.00

Ident. No. 0002900001



M 20

\$ 7,454.00

Ident. No. 0001603603

For dry grinding of hard and brittle substances



MF 10 basic

\$ 5,113.00

Ident. No. 0002836001



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

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
ACCESSORIES			
BL 2000	Blender vessel, 2000 ml	0025003961	\$ 811.00
BL 2000-T	Blender vessel, 2000 ml, temperature measurement	0025003962	\$ 991.00
MI 250-S	Milling chamber, 250 ml, sealed	0020112097	\$ 1,200.00
MI 400-S	Milling chamber, 400 ml, sealed	0020112099	\$ 1,262.00
MI 250-T-S	Milling chamber, 250 ml, temperature measurement, sealed	0020112098	\$ 1,461.00
MI 400-T-S	Milling chamber, 400 ml, temperature measurement, sealed	0020112100	\$ 1,404.00
CS 1	Spare filter fume for cover, 5 pcs.	0020113275	\$ 35.00
DI 2000-T	Dispersing vessel, 2000 ml, temperature measurement	0025003960	\$ 1,486.00
BL 2000.1	Standard blend knife, stainless steel	0020023169	\$ 189.00
MI 250.1	Standard beater, stainless steel	0020023166	\$ 114.00
MI 250.2	Star shaped cutter, stainless steel	0020023167	\$ 220.00
MI 250.3	Beater, tungsten carbide	0020023168	\$ 477.00
MI 400.1	Standard beater, stainless steel	0020023170	\$ 142.00
MI 400.2	Star shaped cutter, stainless steel	0020023171	\$ 246.00
MI 400.3	Beater, tungsten carbide	0020023172	\$ 524.00
TC 1	Protective housing for MT 150 and BT 250	0020023489	\$ 173.00
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	\$ 168.00
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	\$ 183.00
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	\$ 42.00

* 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



A 10.1



A 10.3



A 11.1



A 11.2



A 11.3



M 23



MF 10.2

Product	Description	Ident. No.	Price
ACCESSORIES A 10 BASIC			
A 10.1	Stainless steel cutter	0025001680	\$ 123.00
A 10.2	Star-shaped cutter	0025001162	\$ 223.00
A 10.3	Hard metal cutter	0025001161	\$ 700.00
A 10.4	Grinding chamber reduction	0025001664	\$ 261.00

ACCESSORIES A 11 BASIC			
A 11.1	Spare beater, stainless steel	0002904600	\$ 106.00
A 11.2	Cutting blade, stainless steel	0002905200	\$ 248.00
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	\$ 359.00
A 11.4	Grinding chamber, polyamide, 250 ml	0002904100	\$ 347.00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	\$ 472.00
A 11.6	Double beater, titanium	0003302900	\$ 703.00
A 11.7	Funnel, PTFE	0003048700	\$ 582.00



A 11.4



A 11.5



A 11.6

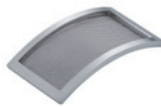


A 11.7

ACCESSORIES M 20			
M 21	Spare cutter, stainless steel	0000328200	\$ 183.00
M 22	Hard metal cutter, tungsten carbide	0000521800	\$ 860.00
M 23	Star-shaped cutter, stainless steel	0001443400	\$ 699.00
M 20.1	Grinding chamber, 250 ml	0008006200	\$ 4,684.00

ACCESSORIES MF 10 BASIC			
MF 10.1	Cutting-grinding head	0002870900	\$ 3,659.00
MF 10.2	Impact-grinding head	0002871000	\$ 3,121.00

SIEVES			
MF 0.25	Sieve, Ø 0.25 mm	0002938900	\$ 605.00
MF 0.5	Sieve, Ø 0.5 mm	0002939000	\$ 605.00
MF 1.0	Sieve, Ø 1 mm	0002939200	\$ 605.00
MF 2.0	Sieve, Ø 2 mm	0002939400	\$ 605.00
MF 3.0	Sieve, Ø 3 mm	0002939500	\$ 605.00
MF 4.0	Sieve, Ø 4 mm	0002939600	\$ 1,022.00



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.

SINGLE-USE CRUSHING

/// 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.



ULTRA-TURRAX® Tube Drive

\$ 1,594.00
Ident. No. 0003646000



① **UTTD control Pharma Solution**

\$ 2,652.00
Ident. No. 0010013297

② **UTTD control Life Science Solution**

\$ 2,720.00
Ident. No. 0010013296



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

\$ 2,592.00
Ident. No. 0025005981



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

\$ 2,762.00
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 × H × D)	100 × 40 × 160 mm	122 × 54 × 178 mm
Protection class according to DIN EN 60529	IP 20	IP 20

	
ST-20	ST-50-M

Product	Description	Ident. No.	Price
ST TUBES WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	\$ 406.00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs., membrane lid	0003700500	\$ 434.00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	\$ 195.00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	\$ 280.00

	
DT-20	DT-50-M

Product	Description	Ident. No.	Price
DT TUBES WITH ROTOR-STATOR ELEMENT			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	\$ 427.00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	\$ 598.00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	\$ 406.00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	\$ 231.00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	\$ 509.00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	\$ 170.00

Product	Description	Ident. No.	Price
BMT G S TUBES FOR GRINDING WITH GLASS (G) OR STAINLESS STEEL (S) BALLS			
BMT-20-S	Tube with stirring element, stainless steel balls, 20 ml, 25 pcs.	0003703200	\$ 433.00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	\$ 434.00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	\$ 475.00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	\$ 475.00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	\$ 232.00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	\$ 228.00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	\$ 279.00

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



DIS-50-S-M

DIS-300-S-M



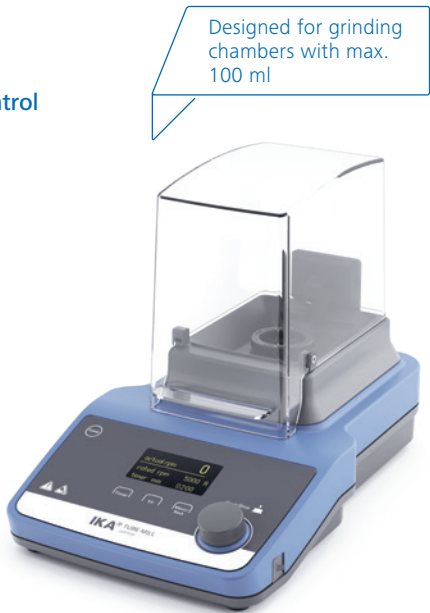
TC-50-M

Product	Description	Ident. No.	Price
TUBES WITH DISSOLVER ELEMENT AND MEMBRANE LID			
DIS-50-S-M	Tube with dissolver blade, 50 ml, 10 pcs., stainless steel	0020016316	\$ 134.00
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	\$ 163.00
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	\$ 202.00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	\$ 977.00
TUBES WITH DISSOLVER ELEMENT			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	\$ 208.00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	\$ 1,006.00
COVERS			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	\$ 79.00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	\$ 52.00
BALLS FOR BMT TUBE			
Glass balls 6	Glass balls, 250 g	0003599200	\$ 78.00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	\$ 78.00
FURTHER ACCESSORIES FOR UTTD			
CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	\$ 101.00

Tube Mill control
\$ 3,997.00
Ident. No. 0004180001



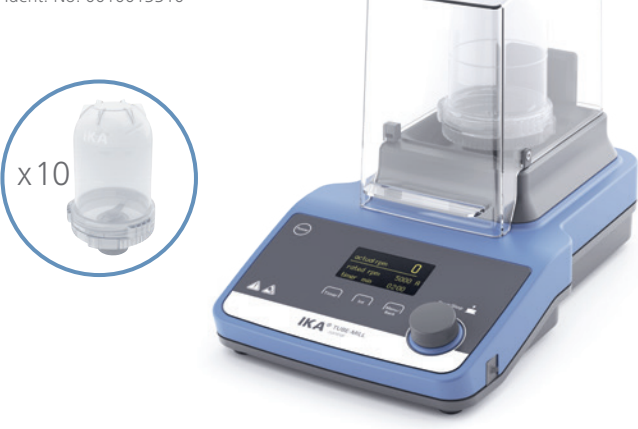
Tube Mill 100 control
\$ 4,484.00
Ident. No. 0020007145



Tube Mill control Agriculture Solution
\$ 4,046.00
Ident. No. 0010013299



Tube Mill 100 control Pharma Solution
\$ 4,540.00
Ident. No. 0010013310



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

Further package information on page 165

Product	Description	Ident. No.	Price
ACCESSORIES TUBE MILL CONTROL			
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	\$ 166.00
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	\$ 1,361.00
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	\$ 147.00
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	\$ 325.00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	\$ 239.00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	\$ 1,393.00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	\$ 189.00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	\$ 436.00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	\$ 715.00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	\$ 432.00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	\$ 455.00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	\$ 244.00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	\$ 495.00
A-MMT.100	Abrasion set for MMT 40.1 MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	\$ 298.00



MT 40.10 steril



MT 40 P.10



MT 100



MTT 40



MMT 100

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.

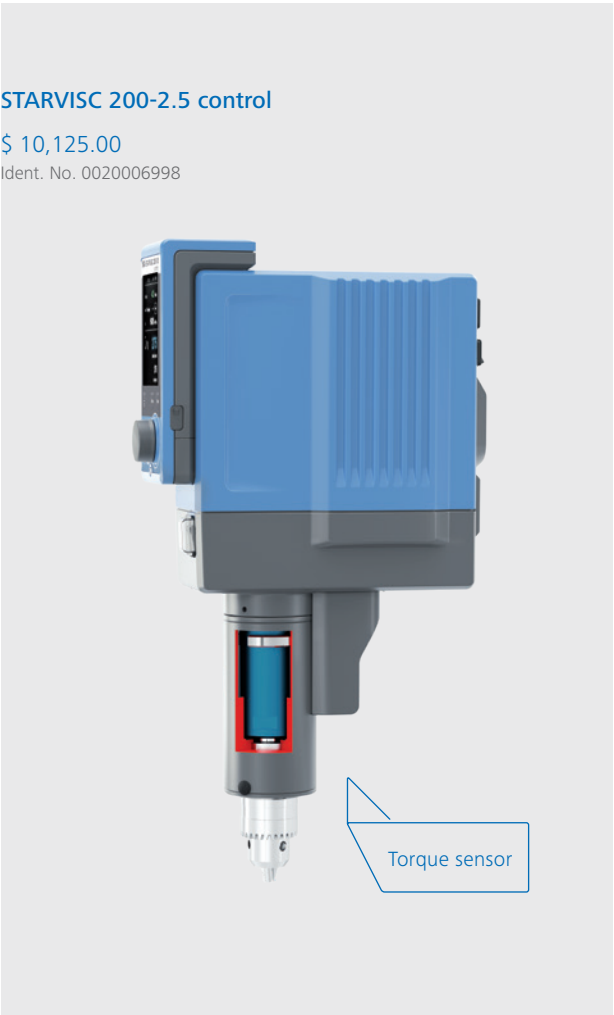
POWERFUL STIRRER

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

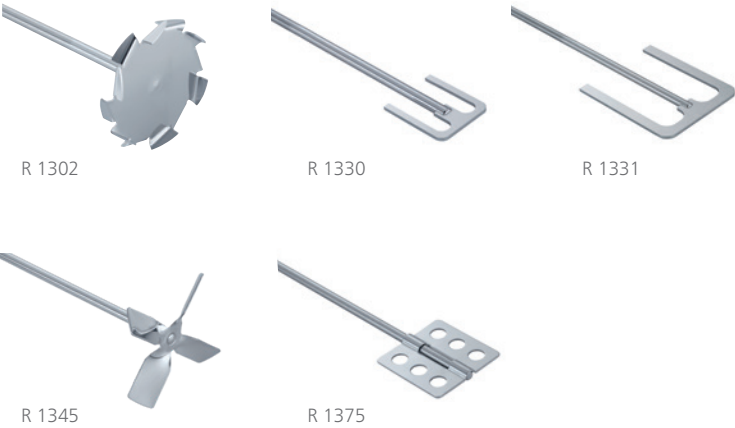
\$ 10,125.00

Ident. No. 0020006998



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

Name	Description	Ident. No.	Price
ACCESSORIES STARVISC 200-2.5 CONTROL			
STIRRING ELEMENTS			
R 1302	Dissolver stirrer, Ø 100 mm	0002387900	\$ 1,041.00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	\$ 503.00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	\$ 560.00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	\$ 395.00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	\$ 507.00
BOSS HEAD CLAMPS			
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	\$ 70.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	\$ 104.00
STANDS			
R 2722	H-stand, 1010 mm	0001412000	\$ 687.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	\$ 749.00
SOFTWARE			
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	\$ 1,321.00
labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	\$ 6,192.00
labworldsoft® 6 Pro	For all configurations – any number of devices can be controlled at the same time	0020017366	\$ 13,811.00



“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.

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**
\$ 5,092.00
Ident. No. 0010013699

② **ROTAVISC me-vi
HELI Complete**
\$ 5,092.00
Ident. No. 0010013732

③ **ROTAVISC hi-vi I
HELI Complete**
\$ 5,092.00
Ident. No. 0010013746

④ **ROTAVISC hi-vi II
HELI Complete**
\$ 5,092.00
Ident. No. 0010013765



OUR PACKAGES

HELI Complete:
including motorized HELISTAND

① **ROTAVISC SBS me-vi
HELI Complete**
\$ 6,393.00
Ident. No. 0010013684

② **ROTAVISC SBS hi-vi I
HELI Complete**
\$ 6,393.00
Ident. No. 0010013659

③ **ROTAVISC SBS hi-vi II
HELI Complete**
\$ 6,393.00
Ident. No. 0010013673



With Ball Bearing
Technology

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**
\$ 4,086.00
Ident. No. 0010013826
- ② **ROTAVISC me-vi Complete**
\$ 4,086.00
Ident. No. 0010013827
- ③ **ROTAVISC hi-vi I Complete**
\$ 4,086.00
Ident. No. 0010013828
- ④ **ROTAVISC hi-vi II Complete**
\$ 4,086.00
Ident. No. 0010013829



- ① **ROTAVISC SBS me-vi Complete**
\$ 5,284.00
Ident. No. 0010013824
- ② **ROTAVISC SBS hi-vi I Complete**
\$ 5,284.00
Ident. No. 0010013820
- ③ **ROTAVISC SBS hi-vi II Complete**
\$ 5,284.00
Ident. No. 0010013822

With Ball Bearing Technology



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

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

* 1 mPas with ELVAS-1

/// TEMPERATURE CONTROL SOLUTIONS

CBC VISC lite
Heating and cooling bath circulator for a temperature range from -25 °C to 125 °C.
\$ 4,299.00
Ident. No. 0020117174



ROTATEMP
High-temperate system for reliable heating up to 300 °C.
\$ 4,332.00
Ident. No. 0020127550

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 × H × D)	414 × 392 × 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 × H × D)	265 × 220 × 270 mm
Protection class according to DIN EN 60529	IP 40



ROTASTAND

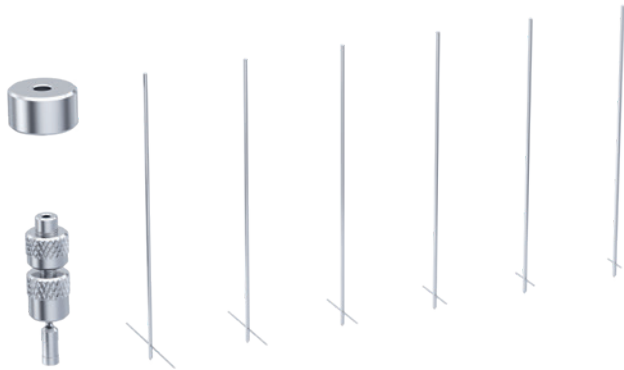


SP RACK



HELISTAND

Product	Description	Ident. No.	Price
STANDS			
ROTASTAND	Stand for ROTAVISC	0020116428	\$ 1,064.00
HELISTAND	Electrical stand for ROTAVISC	0020116429	\$ 1,281.00
HELISTAND Set	Electrical stand incl. T-spindle set	0020128647	\$ 1,977.00
SP RACK	Spindle rack	0020104809	\$ 123.00
SOFTWARE			
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	\$ 1,321.00



HELISTAND Set
(HELISTAND + T-SP-Set)



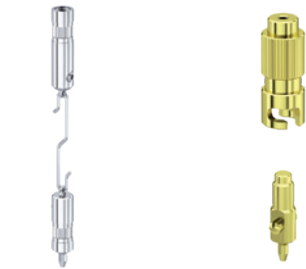
Adapter: DIN S-1



Adapter: O DIN S-1



Adapter: VOLS-1



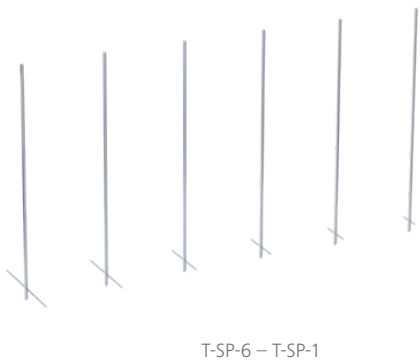
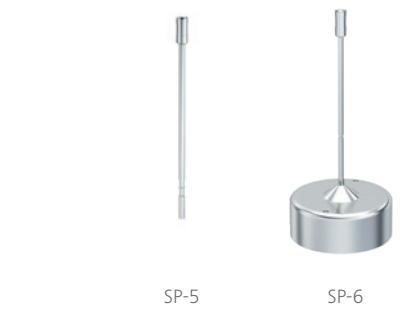
Hook Connector

Quick Connector



Spindle set: VAN-1

Product	Description	Ident. No.	Price
ADAPTERS			
DINS-1	DIN adapter set	0025000387	\$ 1,732.00
O DIN S-1	Open DIN adapter set	0025000326	\$ 1,701.00
SAS-1	Spiral adapter set	0025000377	\$ 1,007.00
ELVAS-1	Extremely low viscosity adapter set	0025000390	\$ 1,272.00
VOLS-1	Low volume adapter set	0025000352	\$ 1,242.00
VOLS-1 flex	Adapter set for small volumes, without spindle and chamber	0020114188	\$ 863.00
OTHER ACCESSORIES			
DWB 600	Double-walled beaker 600 ml	0020024575	\$ 1,207.00
BH 600	Clamp for 600 ml beaker	0025000400	\$ 191.00
Hook Connector	Hook connector for spindles	0025000338	\$ 372.00
Quick Connector	Quick connector for spindles	0025000339	\$ 384.00
PT 100.8	Temperature sensor, stainless steel, Ø 3 mm, 75 mm	0025000413	\$ 92.00
SPINDLE SET			
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	\$ 293.00
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	\$ 245.00
T-SP-Set	T-spindle set	0025007765	\$ 635.00
VAN-1	Vane spindle set	0025000407	\$ 896.00



Product	Description	Ident. No.	Price
SPINDLES			
SP-1	Standard spindle	0025006828	\$ 130.00
SP-2	Standard spindle	0025006829	\$ 117.00
SP-3	Standard spindle	0025006830	\$ 115.00
SP-4	Standard spindle	0025006831	\$ 110.00
SP-5	Standard spindle	0025006832	\$ 200.00
SP-6	Standard spindle	0025006833	\$ 200.00
SP-7	Standard spindle	0025006834	\$ 92.00
SP-8	Standard spindle	0025006835	\$ 83.00
SP-9	Standard spindle	0025006836	\$ 88.00
SP-10	Standard spindle	0025006837	\$ 84.00
SP-11	Standard spindle	0025006838	\$ 82.00
SP-12	Standard spindle	0025006839	\$ 63.00
T-SP-1	T-spindle	0025008238	\$ 80.00
T-SP-2	T-spindle	0025008239	\$ 80.00
T-SP-3	T-spindle	0025008240	\$ 80.00
T-SP-4	T-spindle	0025008241	\$ 81.00
T-SP-5	T-spindle	0025008242	\$ 80.00
T-SP-6	T-spindle	0025008243	\$ 80.00
T-SP-nut	T-spindle nut	0020108874	\$ 70.00
T-SP-coupling	T-spindle coupling	0020108842	\$ 115.00
VAN-SP-1	Vane spindle	0025006853	\$ 521.00
VAN-SP-2	Vane spindle	0025006854	\$ 424.00
VAN-SP-3	Vane spindle	0025006855	\$ 393.00
VAN-SP-4	Vane spindle	0025006856	\$ 352.00
VAN-SP-5	Vane spindle	0025008376	\$ 424.00
S-SP	Spiralspindel	0025006843	\$ 225.00
S-C-1	Chamber for S-SP spiral spindle	0020108896	\$ 690.00
SCB	Spindle brush for S-SP	0020108882	\$ 62.00
VOL-SP-6.7	Spindle for VOLS-1, 6.7 ml	0025006845	\$ 451.00
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	\$ 439.00
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	\$ 459.00
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	\$ 458.00
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	\$ 451.00
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	\$ 451.00
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	\$ 451.00
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	\$ 451.00
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	\$ 451.00



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	\$ 410.00
VOL-C-RTD-1	VOL-C-RTD-1 chamber	0025007603	\$ 499.00
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	\$ 498.00
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	\$ 451.00
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	\$ 498.00
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	\$ 451.00
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	\$ 498.00
VOLS 1.11	Extension connector	0020107301	\$ 120.00
VOLS 1.21	Cover for VOLS chamber	0020108881	\$ 35.00
ELVAS-SP	ELVAS Spindle	0025006844	\$ 384.00
ELVAS-C	ELVAS sample chamber (open)	0020107138	\$ 384.00
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	\$ 392.00
DIN-SP-5	DIN spindle 5	0025006840	\$ 411.00
DIN-SP-6	DIN spindle 6	0025006841	\$ 411.00
DIN-SP-7	DIN spindle 7	0025006842	\$ 411.00
DIN-C-1	Chamber for DIN-SP-5	0020108883	\$ 422.00
DIN-C-2	Chamber for DIN-SP-6, DIN-SP-7	0020108885	\$ 422.00
O-DIN-C-1	Open chamber for DIN-SP-5	0020108887	\$ 370.00
O-DIN-C-2	Open chamber for DIN-SP-6	0020108888	\$ 370.00
O-DIN-C-3	Open chamber for DIN-SP-7	0020108889	\$ 370.00
CC-1	Chamber cap (6 pcs.) for ELVAS / DINS	0020107043	\$ 38.00

STANDARD SILICONE OILS			
CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	\$ 186.00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	\$ 186.00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	\$ 186.00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	\$ 186.00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	\$ 186.00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	\$ 186.00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	\$ 186.00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	\$ 186.00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	\$ 186.00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	\$ 186.00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	\$ 186.00

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

\$ 1,386.00
Ident. No. 0020129463

NEW!



Further package information on page 173

VACSTAR digital

\$ 2,999.00
Ident. No. 0020016237

VACSTAR control

\$ 5,337.00
Ident. No. 0020109376

TECHNICAL DATA	VACSTAR LITE	VACSTAR DIGITAL VACSTAR CONTROL
Pump rate max.	1 m³/h	1.32 m³/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
ACCESSORIES VACUUM PUMPS		
VSE 1 vacuum safety emission	0035001873	\$ 970.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	\$ 71.00

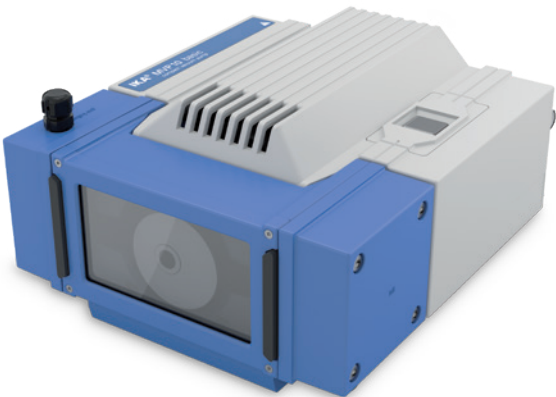


VSE 1

VH.SI.8

MVP 10 basic

\$ 2,560.00
Ident. No. 0003980001



Product	Ident. No.	Price
ACCESSORIES MVP 10 BASIC		
VCV 1 vacuum control valve manual	0020004850	\$ 1,173.00
VCV 2 vacuum control valve digital	0020004893	\$ 1,538.00
VSS 1 vacuum safety set	0020005194	\$ 1,358.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	\$ 71.00
Y hose connector 8 mm	0020010963	\$ 13.00



VSS 1



VCV 1



VC 10.300

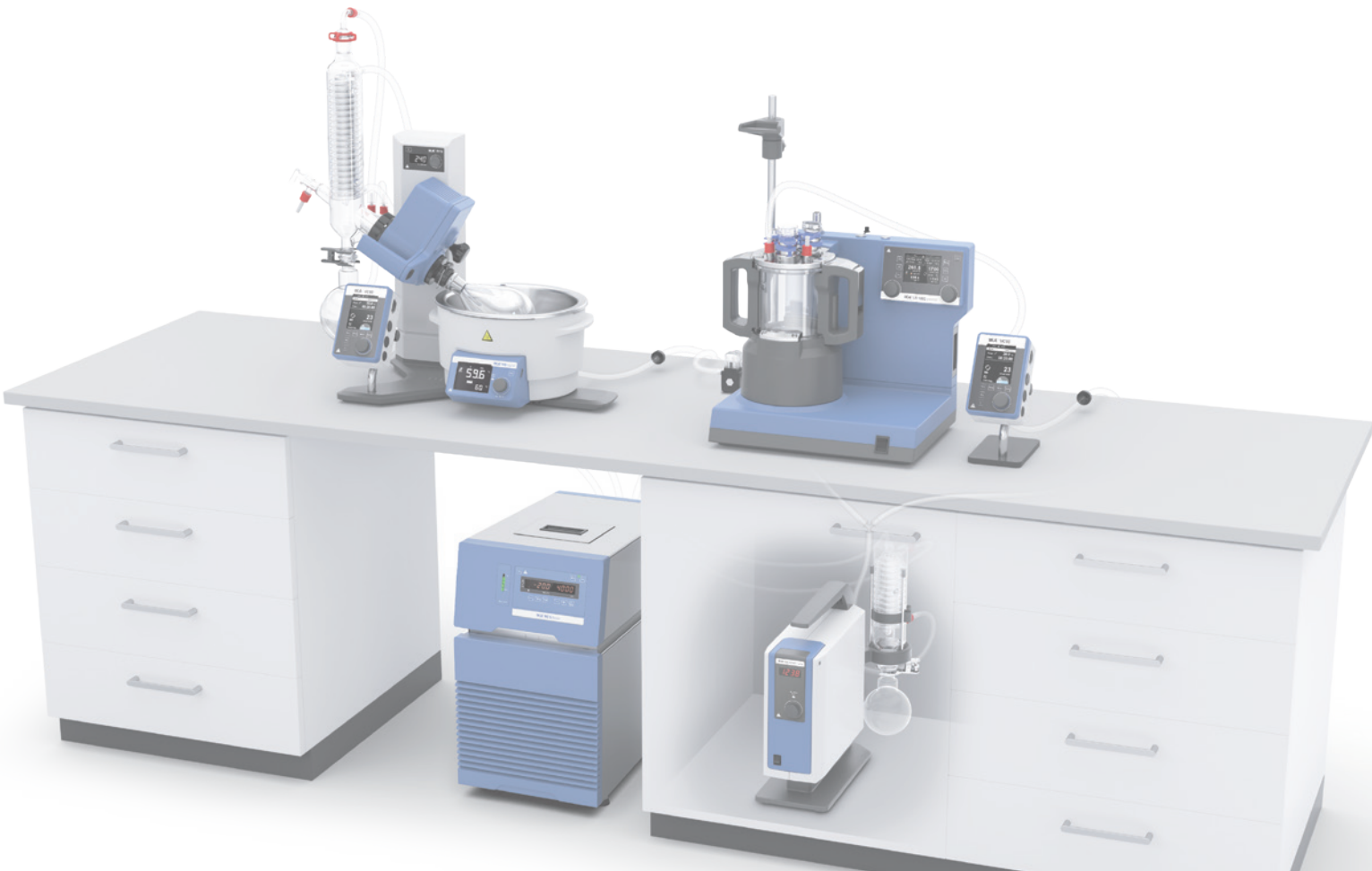


VC 10.400

TECHNICAL DATA

MVP 10 BASIC

Max. pumping capacity	28.3 l / min
Max. pump rate	1.7 m³/ h
Speed range	1380 – 1680 rpm
Vacuum sensor	No
Min. input pressure	7 mbar
Max. input pressure	1050 mbar
Dimensions (W × H × D)	245 × 155 × 320 mm
Protection class acc. to DIN EN 60529	IP 54
Voltage	230 / 115 / 100 V



Product	Ident. No.	Price
ACCESSORIES VACUUM CONTROLLER		
VC 10.300 check valve	0020011105	\$ 286.00
VC 10.400 table holder	0035001735	\$ 374.00
VC 10.500 Stand pole for VACSTAR digital	0035002702	\$ 77.00
VC 10.600 Stand pole for VACSTAR lite	0020129298	\$ 83.00

① VC 10 lite
\$ 1,381.00
Ident. No. 0020111998

② VC 10 pro
\$ 2,082.00
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 × 150 × 110 mm
Protection class acc. to DIN EN 60529		IP 20
RS 232 / USB interface		Yes

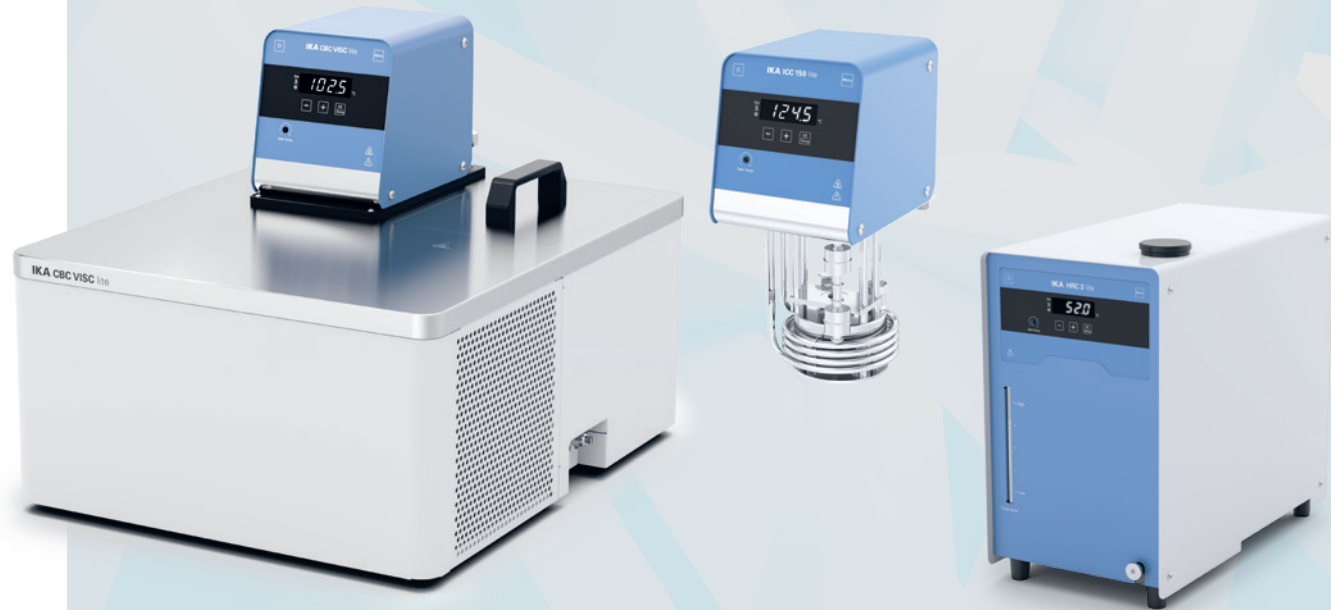
According to DIN 12876, our wide range of chillers, heating bath circulators and immersion circulators are suitable for a temperature range from -30 to 250 °C. All temperature control devices meet the highest requirements for precision, safety, performance and intelligence. With the new circulators in 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
\$ 912.00
Ident. No. 0020105648

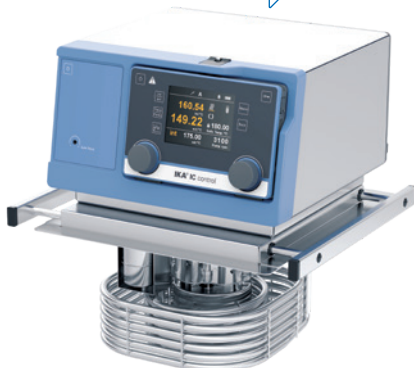
ICC 150 lite
\$ 1,083.00
Ident. No. 0020105582

IC basic
\$ 3,123.00
Ident. No. 0003861001

① ICC basic
\$ 1,946.00
Ident. No. 0020002272

② ICC control
\$ 2,278.00
Ident. No. 0020002273

IC control
\$ 4,153.00
Ident. No. 0003863001



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 × H × D)	135 × 180 × 303 mm	135 × 180 × 303 mm	145 × 340 × 200 mm	285 × 313 × 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 × D)*	Ident. No.	Price
HEATING BATH CIRCULATORS					
ICC 100 lite eco 8	Package with 8 l eco bath	S	188 × 105 mm	0010013177	\$ 1,544.00
ICC 100 lite eco 18	Package with 18 l eco bath	L	245 × 305 mm	0010013188	\$ 1,726.00
NEW! ICC 150 lite pro 9	Package with 9 l pro bath	S	195 × 100 mm	0010013200	\$ 1,914.00
ICC 150 lite pro 12	Package with 12 l pro bath	M	255 × 127 mm	0010013211	\$ 1,992.00
ICC 150 lite pro 20	Package with 20 l pro bath	L	255 × 309 mm	0010013222	\$ 2,139.00
ICC basic eco 8	Package ICC basic, 8 l eco bath	S	188 × 105 mm	0010000853	\$ 3,149.00
ICC basic pro 9	Package ICC basic, 9 l pro bath	S	195 × 100 mm	0010000851	\$ 3,434.00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 × 127 mm	0010000473	\$ 3,559.00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 × 305 mm	0010000475	\$ 3,444.00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 × 309 mm	0010000477	\$ 3,799.00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 × 105 mm	0010000849	\$ 3,412.00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 × 100 mm	0010000847	\$ 3,757.00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 × 127 mm	0010000479	\$ 3,876.00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 × 305 mm	0010000481	\$ 3,496.00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 × 309 mm	0010000483	\$ 4,119.00
COMBINED HEATING BATH CIRCULATORS					
NEW! ICC 150 lite pro 9 c	Package with 9 l pro bath, cover	S	195 × 100 mm	0010013234	\$ 2,221.00
ICC 150 lite pro 12 c	Package with 12 l pro bath, cover	M	255 × 127 mm	0010013245	\$ 2,340.00
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 × 105 mm	0010000854	\$ 3,960.00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 × 100 mm	0010000852	\$ 4,235.00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 × 127 mm	0010000474	\$ 4,622.00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 × 305 mm	0010000476	\$ 4,454.00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 × 309 mm	0010000478	\$ 4,944.00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 × 105 mm	0010000850	\$ 4,215.00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 × 100 mm	0010000848	\$ 4,556.00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 × 305 mm	0010000482	\$ 4,343.00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 × 127 mm	0010000480	\$ 4,940.00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 × 309 mm	0010000484	\$ 5,014.00
PACKAGES WITH MAGNETIC STIRRER					
ICC basic IB R RO 15 eco	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002472	\$ 6,527.00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002475	\$ 6,991.00
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006741	\$ 7,947.00
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006737	\$ 8,279.00

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

NEW!



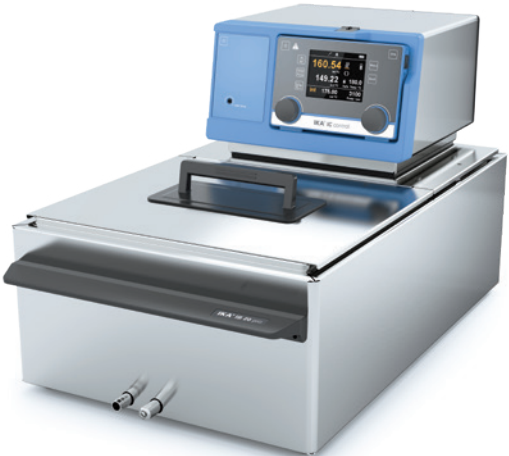
ICC 100 lite eco 8

BESTSELLER



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

NEW!



IC control pro 20 c



ICC 150 lite pro 20

Product	Description	Bath size	Bath opening (W × D)*	Ident. No.	Price
COMBINED HEATING BATH CIRCULATORS					
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 × 80 mm	0010000467	\$ 5,297.00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 × 262 mm	0010000469	\$ 5,615.00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 × 80 mm	0010000470	\$ 5,733.00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 × 262 mm	0010000472	\$ 6,054.00

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

/// HEATING BATH CIRCULATORS

- 1

HBC 5 basic
\$ 4,714.00
Ident. No. 0004125001
- 2

HBC 5 control
\$ 5,364.00
Ident. No. 0004127001
- 3

HBC 10 basic
\$ 5,431.00
Ident. No. 0004135001
- 4

HBC 10 control
\$ 5,575.00
Ident. No. 0004137001



/// REFRIGERATED AND HEATING BATH CIRCULATORS

- 1

CBC 5 basic
\$ 9,093.00
Ident. No. 0004165001
- 2

CBC 5 control
\$ 9,885.00
Ident. No. 0004167001



/// REFRIGERATED AND HEATING CIRCULATORS

- 1

HRC 2 basic
\$ 6,302.00
Ident. No. 0025003743
- 2

HRC 2 control
\$ 8,862.00
Ident. No. 0025004639



/// REFRIGERATED AND HEATING CIRCULATOR

- 1

HRC 2 lite
\$ 3,466.00
Ident. No. 0020104312



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

- 1

RC 2 lite
\$ 3,460.00
dent. No. 0025007939



- 1

RC 2 basic
\$ 5,489.00
Ident. No. 0004171001
- 2

RC 2 control
\$ 7,085.00
Ident. No. 0004173001



- 1

RC 2 GREEN basic
\$ 5,974.00
Ident. No. 0025007402
- 2

RC 2 GREEN control
\$ 7,781.00
Ident. No. 0025007404



- 1

RC 5 basic
\$ 8,749.00
Ident. No. 0020008503
- 2

RC 5 control
\$ 10,290.00
Ident. No. 0020008504



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
ACCESSORIES FOR ICC			
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	\$ 249.00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	\$ 266.00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	\$ 345.00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	\$ 737.00
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	\$ 380.00
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	\$ 327.00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	\$ 329.00
BS.ICC lite	Bridge, small for ICC lite, 8/9 l bath vessels	0020119539	\$ 190.00
BL.ICC lite	Bridge, big for ICC lite, 8/9 l bath vessels	0020119540	\$ 188.00
CC2	Cooling coil for ICC	0025001061	\$ 204.00
PCS.ICC	Pump connection set for ICC	0004471900	\$ 208.00

ACCESSORIES FOR IC			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	\$ 268.00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	\$ 344.00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	\$ 329.00
CC1	Cooling coil for IC basic / control	0020005116	\$ 205.00

BATH VESSELS			
Bath size S			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	\$ 851.00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	\$ 770.00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	\$ 1,190.00
Bath size M			
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	\$ 1,361.00
Bath size L			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	\$ 1,189.00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	\$ 1,278.00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	\$ 979.00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	\$ 1,390.00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	\$ 2,870.00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	\$ 3,233.00
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	\$ 1,601.00



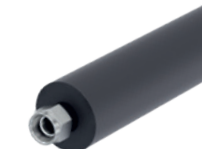
HF.Si.20.200.50



LT 5.32



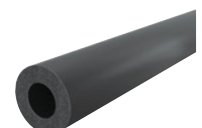
H.SI.8



H.FKM.12.ISO



ISO.8



ISO.12

Product	Description	Ident. No.	Price
THERMOFLUIDS			
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	\$ 1,098.00
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	\$ 1,089.00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	\$ 1,043.00
HOSES			
LT 5.32	Temperature control hose, 1.6 m	0020113271	\$ 1,227.00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 × 1.5 m	0004568800	\$ 28.00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 × 1.5 m	0004568900	\$ 39.00
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	\$ 39.00
H.SI.8	Hose, silicone, Ø 8 mm, 2 × 1.5 m	0004569000	\$ 84.00
H.SI.12	Hose, silicone, Ø 12 mm, 2 × 1.5 m	0004569100	\$ 111.00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 × 1.5 m, reinforced	0020004612	\$ 94.00
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 × 1.5 m	0020004613	\$ 136.00
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 × 1.5 m	0004569200	\$ 569.00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 × 1.5 m, M 16 × 1	0004569300	\$ 757.00
H.FKM.8.ISO	Hose set FKM incl. insulation, Ø 8 mm	0010011653	\$ 570.00
H.FKM.12.ISO	Hose set incl. insulation, FKM, Ø 12 mm	0010011652	\$ 753.00
H.PUR.12.AD	Hose set incl. M 16x1 connection, PUR 90 °C, Ø 12 mm	0010011654	\$ 200.00

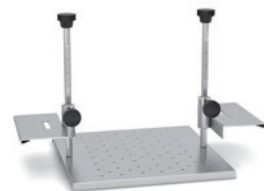
INSULATION FOR HOSES			
ISO.8	Insulation, Ø 8 mm, 2 × 1.5 m	0004569400	\$ 63.00
ISO.12	Insulation, Ø 12 mm, 2 × 1.5 m	0004569500	\$ 81.00



Tube rack, 13 mm, S, stainless



Variable rack, ICC, ML, stainless



Variable bottom, ICC, L, stainless



Bottom plate L



Floating tube rack 1



Floating globes, PP



WH10

Product	Description	Ident. No.	Price
TUBE RACKS			
Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, Ø 13 mm	0020004026	\$ 142.00
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	\$ 142.00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	\$ 142.00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	\$ 300.00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 17 mm	0020004030	\$ 300.00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	\$ 300.00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	\$ 400.00
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	\$ 150.00
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	\$ 150.00
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	\$ 150.00
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	\$ 732.00
Bottom plate L	Bottom plate for bath size L	0020006212	\$ 804.00
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	\$ 740.00

FLOATING RACKS

Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	\$ 76.00
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	\$ 76.00
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	\$ 76.00

ADDITIONAL ACCESSORIES

WH10	WiCo Holder	0020000984	\$ 63.00
PT 100.30	Temp. sensor, stn. steel	0004284700	\$ 169.00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	\$ 378.00
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	\$ 408.00
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	\$ 204.00
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	\$ 547.00



CO V 1



Ball valve M16x1



Mechanic fluid level controller

Product	Description	Ident. No.	Price
VALVES AND LEVEL CONTROLLERS			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	\$ 864.00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	\$ 1,462.00
Ball valve M16 x 1	Ball valve, completely opening (M 16 x 1)	0020004620	\$ 188.00
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	\$ 789.00

ADAPTERS

Elbow tube 90°	Elbow tube 90°	0025001212	\$ 179.00
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	\$ 104.00
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	\$ 13.00
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	\$ 96.00
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	\$ 17.00
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	\$ 70.00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	\$ 24.00
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	\$ 163.00
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	\$ 259.00
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	\$ 523.00
Adapter M16 x 1 f - G1/4 m	Adapter M 16 x 1 female to G 1/4 male	0020008807	\$ 137.00
Adapter M16 x 1 m - G1/4 m	Adapter M 16 x 1 male to G 1/4 male	0020008734	\$ 71.00
Adapter M16 x 1 m - G1/2 m	Adapter M 16 x 1 male to G 1/2 male	0020008796	\$ 71.00
Adapter M16 x 1 f - G1/2 m	Adapter M 16 x 1 female to G 1/2 male	0020008800	\$ 137.00
Adapter M16 x 1 f - G3/8 m	Adapter M 16 x 1 female to G 3/8 male	0020008730	\$ 137.00
Adapter M16 x 1 m - G3/8 m	Adapter M 16 x 1 male to G 3/8 male	0020008754	\$ 71.00
Adapter M16 x 1 m - M 16 x 1 m	Adapter M 16 x 1 male to M 16 x 1 male, for hose extension	0025007118	\$ 71.00
Lock nut	Lock nut, 2 pcs.	0020004583	\$ 18.00
Stopper	Stopper, 2 pcs.	0020004584	\$ 14.00



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4

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

DRY BLOCK HEATERS

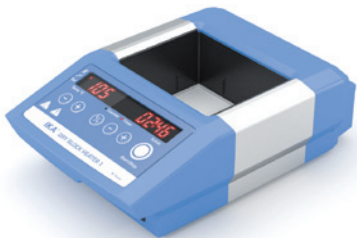
/// Provide precise temperature control in small vessels



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

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

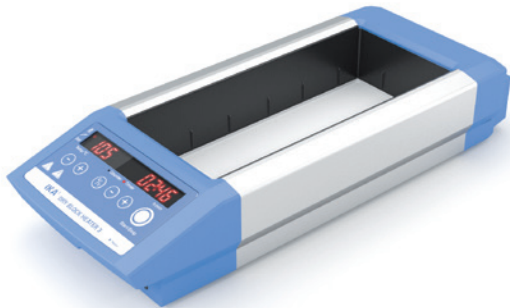
Dry Block Heater 1
\$ 1,533.00
Ident. No. 0004025101



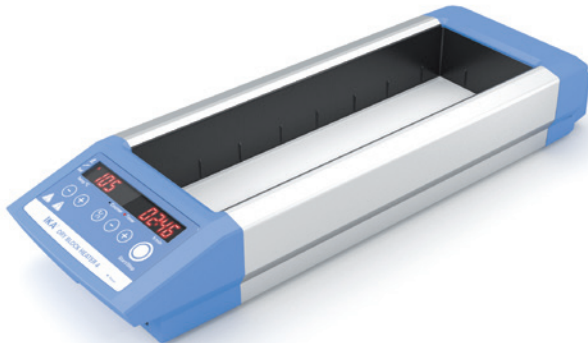
Dry Block Heater 2
\$ 1,688.00
Ident. No. 0004025201



Dry Block Heater 3
\$ 2,020.00
Ident. No. 0004025301



Dry Block Heater 4
\$ 2,220.00
Ident. No. 0004025401



Capacity for 4 heating blocks

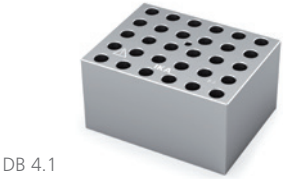
TECHNICAL DATA	DRY BLOCK HEATER 1	DRY BLOCK HEATER 2	DRY BLOCK HEATER 3	DRY BLOCK HEATER 4
Number of blocks	1	2	3	4
Heat output	165 W	250 W	330 W	412 W
Heating temperature range	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C
Connection for ext. temperature sensor	CT (DIN 12878)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



DB 1.1



DB 3.2



DB 4.1



DB 4.6



DB 5.2



DB 5.8



DB 8.1

Product	Description	Ident. No.	Price
MICRO CENTRIFUGE TUBES			
DB 1.1	Single block, PCR tubes, Ø 7.9 mm	0004467600	\$ 243.00
DB 1.2	Single block, microtubes, Ø 11.5 mm	0004467700	\$ 203.00
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800	\$ 200.00
DB 1.4	Single block, microtubes, Ø 10.9 mm	0004467900	\$ 200.00
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	\$ 203.00
CONICAL BOTTOM CENTRIFUGE TUBES			
DB 2.1	Single block, conical tubes, Ø 17.1 mm	0004468100	\$ 243.00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	\$ 238.00
COMBINATION BLOCKS			
DB 3.1	Single block, test tube comb., 6 12 13 25 mm	0004468300	\$ 233.00
DB 3.2	Single block, centrifuge comb., 1.5 15 50 ml	0004468400	\$ 237.00
DB 3.3	Single block, microtube comb., 0.5 1.5 2 ml	0004468500	\$ 239.00
STANDARD TEST TUBES			
DB 4.1	Single block, 30 round tubes, Ø 8.3 mm	0004468600	\$ 259.00
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700	\$ 243.00
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800	\$ 242.00
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900	\$ 247.00
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000	\$ 236.00
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	\$ 242.00
DB 4.7	Single block, 6 round tubes, Ø 26.2 mm	0004469200	\$ 233.00
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	\$ 238.00
DB 4.9	Single block, 12 round tubes, Ø 19.1 mm	0004469400	\$ 231.00
VIALS			
DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500	\$ 242.00
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600	\$ 238.00
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700	\$ 242.00
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800	\$ 231.00
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900	\$ 235.00
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000	\$ 235.00
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100	\$ 235.00
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200	\$ 235.00
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300	\$ 231.00
STANDARD TEST TUBES			
DB 6.1	Single block, 10 × 8 PCR tube strips, Ø 6.4 mm	0004470400	\$ 231.00
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500	\$ 238.00
DB 6.3	Double block, 1 × 96-Well PCR plate, Ø 6.4 mm	0004470600	\$ 297.00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	\$ 276.00
DB 8.1	Single block, 2 × 6 cuvettes, Ø 12.5 mm	0004470700	\$ 234.00
TEMPERATURE SENSORS			
PT 1000.60	Temp. sensor, stn. steel, Ø 3 mm, depth: 230 mm	0003516800	\$ 307.00
PT 1000.90	Temp. sensor, coated, Ø 3 mm, depth: 230 mm	0004480600	\$ 333.00

C-MAG HP 4
\$ 617.00
Ident. No. 0003581601



C-MAG HP 10
\$ 1,128.00
Ident. No. 0003582001



C-MAG HP 7
\$ 847.00
Ident. No. 0003581801



TECHNICAL DATA	C-MAG HP 4	C-MAG HP 7	C-MAG HP 10
Heat output	250 W	1000 W	1500 W
Heating temperature range	50 °C – 500 °C	50 °C – 500 °C	50 °C – 500 °C
Connection for ext. temperature sensor	–	ETS-D5	ETS-D5
Heating rate heating plate	2.5 K / min	5 K / min	5 K / min
Set-up plate material	Ceramic	Ceramic	Ceramic
Set-up plate dimensions	100 × 100 mm	180 × 180 mm	260 × 260 mm
Dimensions (W × H × D)	150 × 105 × 260 mm	220 × 105 × 330 mm	300 × 105 × 415 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21

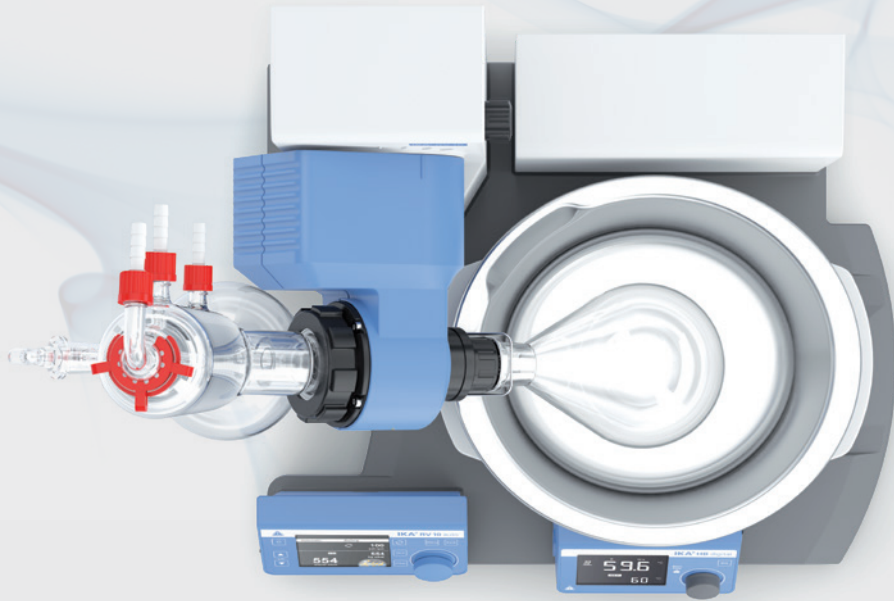
IKA heating baths are developed with a strong focus on safety. All baths are equipped with a double jacket to protect against burns and a safety temperature monitor prevents overheating of the bath. After turning on the unit, the safety functions are automatically checked.

HB DIGITAL

/// Enlarged volume

The 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

\$ 1,709.00
Ident. No. 0020016413



HB digital

\$ 2,204.00
Ident. No. 0020016395



Heating temperature up to 180 °C

HBR 4 control

\$ 6,386.00
Ident. No. 0020005142



Integrated magnetic stirrer drive

Product		Ident. No.	Price
ACCESSORIES HB ECO DIGITAL			
HB 10.3	Protection cover HB eco and digital	0020024125	\$ 1,473.00
ACCESSORIES HBR 4 CONTROL			
H 240	Ring set	0002858700	\$ 1,161.00
H 159	Intermediate bottom	0001809700	\$ 559.00

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

\$ 2,564.00
Ident. No. 0020117191



/// INCUBATOR SHAKER

INC 125 FS digital (SP20)

\$ 6,379.00
Ident. No. 0020117222

INC 125 FS digital (SP25)

\$ 6,379.00
Ident. No. 0020117231



INC 125 FC digital Incubator cooled

\$ 5,465.00
Ident. No. 0020126187



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

\$ 3,577.00
Ident. No. 0020003216

Temperature /
time dependent
timer function



OVEN 125 control - dry

\$ 5,528.00
Ident. No. 0020003991



OVEN 125 basic - dry
glass

\$ 4,013.00
Ident. No. 0020003957



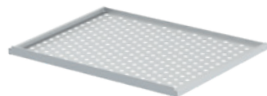
OVEN 125 control - dry
glass

\$ 6,156.00
Ident. No. 0020003997

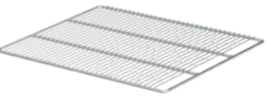


Real time
data logging
function

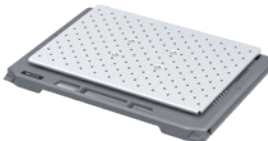
TECHNICAL DATA	OVEN 125 BASIC (DRY DRY GLASS)	OVEN 125 CONTROL (DRY DRY GLASS)
Principle of heat transfer	Natural convection	Forced convection (fan adjustable in 10 steps)
Total volume inner chamber	125 l	125 l
Working temperature	RT +5 °C – 250 °C	RT +5 °C – 300 °C
Heat output	2400 W	2400 W
Temperature 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
ACCESSORIES FOR INC 125 INCUBATOR AND INCUBATOR SHAKER			
IO T 2.20	Perforated tray	0020118202	\$ 146.00
IO T 2.10	Wire grid tray	0020118621	\$ 67.00
IO S 2.10	Stacking kit	0020118174	\$ 79.00
Service - changing of door opening direction		0010012073	\$ 182.00

ACCESSORIES FOR INC 125 F DIGITAL INCUBATOR			
IO L 2.10	Door lock	0035004372	\$ 121.00

ACCESSORIES FOR INC 125 FS DIGITAL INCUBATOR SHAKER			
IO SP 20	Shaker platform with 20 mm shaking stroke	0035004555	\$ 2,303.00
IO SP 25	Shaker platform with 25 mm shaking stroke	0020117011	\$ 2,303.00
IO T 2.30	Drip pan	0020118266	\$ 132.00
IO R 2.10	Testtube rack variable	0020125567	\$ 329.00
STICKMAX	Universal adhesive mat	0003920000	\$ 195.00
AS 2.0	Fixing clips, 10 ml	0020016475	\$ 68.00
AS 2.1	Fixing clips, 25 ml	0001234300	\$ 39.00
AS 2.2	Fixing clips, 50 ml	0001234400	\$ 39.00
AS 2.3	Fixing clips, 100 ml	0001234500	\$ 39.00
AS 2.4	Fixing clips, 200 / 250 ml	0001234600	\$ 71.00
AS 2.5	Fixing clips, 500 ml	0001234700	\$ 71.00
AS 2.6	Fixing clips, 1000 ml	0003819300	\$ 71.00
AS 2.7	Fixing clips, 2000 ml	0020016476	\$ 163.00

ACCESSORIES FOR OVEN			
IO F 1.20	Spacer frame	0035001326	\$ 915.00
PT 100.31	Temp. sensor, stn. steel, Ø 6 mm, 265 mm	0020009564	\$ 513.00

ACCESSORIES FOR ALL TEMPERING CHAMBERS			
IO T 1.00	Wire grid tray, chrom plated	0020024935	\$ 342.00
IO T 1.10	Enhanced wire grid tray	0020007600	\$ 395.00
IO F 1.10	Roller frame	0020007601	\$ 1,350.00
IO B 1.10	Roller box	0020007602	\$ 1,543.00
IO P 1.10	Table top work plate	0020007603	\$ 1,350.00

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.



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.



> Check
RV Configurator

1 RV 3 V

\$ 4,514.00
Ident. No. 0010003491

NEW!

6 RV 3 V Starter Solution

\$ 8,230.00
Ident. No. 0010014406

1 RV 8 V

\$ 5,471.00
Ident. No. 0010003570

NEW!

6 RV 8 V Starter Solution

\$ 9,006.00
Ident. No. 0010014411

2 RV 3 V-C

\$ 4,663.00
Ident. No. 0010003492

7 RV 3 pro V-C Complete

\$ 10,600.00
Ident. No. 0010012819

2 RV 8 V-C

\$ 5,654.00
Ident. No. 0010003571

7 RV 8 pro V-C Complete

\$ 12,500.00
Ident. No. 0010012820

3 RV 3 FLEX

\$ 3,385.00
Ident. No. 0010003493

3 RV 8 FLEX

\$ 4,297.00
Ident. No. 0010003572

4 RV 3 Dry Ice Condenser

\$ 5,040.00
Ident. No. 0010003494

4 RV 8 Dry Ice Condenser

\$ 6,016.00
Ident. No. 0010003573

5 RV 3 Dry Ice Condenser, coated

\$ 5,191.00
Ident. No. 0010003495

5 RV 8 Dry Ice Condenser, coated

\$ 6,180.00
Ident. No. 0010003574



TECHNICAL DATA

	RV 3	RV 8
Motor type	Brushless DC drive motor	Brushless DC drive motor
Speed range	20 – 300 rpm	5 – 300 rpm
Speed display	Scale	Digital
Heating temperature range	RT – 99 °C	RT – 180 °C
Type of cooling	Vertical	Vertical
Cooling surface	1600 cm²	1600 cm²
Soft start	Yes	Yes
Head angle adjustable	0 to 60 °	0 to 45 °
Stroke displacement	150 mm, manual	120 mm, manual
Vacuum controller	Optional	Optional
Dimensions (W × H × D) without glass parts	440 × 530 × 330 mm	510 × 490 × 345 mm
Protection class acc. to DIN EN 60529	IP 20	IP 20

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

\$ 5,876.00

Ident. No. 0010005184
- 2

RV 10 digital V-C

\$ 6,059.00

Ident. No. 0010005185
- 3

RV 10 digital FLEX

\$ 5,097.00

Ident. No. 0010005186
- 4

RV 10 digital Dry Ice Condenser

\$ 6,426.00

Ident. No. 0010005209
- 5

RV 10 digital Dry Ice Condenser, coated

\$ 6,608.00

Ident. No. 0010005210
- NEW!
- 6

RV 10 digital V Starter Solution

\$ 10,998.00

Ident. No. 0010014396
- 7

RV 10 digital pro V-C Complete

\$ 13,300.00

Ident. No. 0010012821



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 ²
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

\$ 14,443.00

Ident. No. 0010005195*
- 2

RV 10 auto pro V-C

\$ 14,612.00

Ident. No. 0010005196*
- 3

RV 10 auto pro FLEX

\$ 13,637.00

Ident. No. 0010005197*
- 4

RV 10 auto pro V-C Complete

\$ 16,150.00

Ident. No. 0010007358
- NEW!
- 5

RV 10 auto V Starter Solution

\$ 12,781.00

Ident. No. 0010014417
- 6

RV 10 digital pro V double Complete

\$ 23,500.00

Ident. No. 0010011968
- 7

RV 10 digital pro V-C double Complete

\$ 24,000.00

Ident. No. 0010012822

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 ²
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

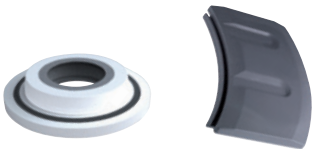
Product	Description	Ident. No.	Price
ACCESSORIES RV 10, RV 8, RV 3			
RV 10.900	Set of glassware, vertical	0003655300	\$ 2,322.00
RV 10.910	Set of glassware, vertical, coated	0003755400	\$ 2,424.00
RV 10.11 enlarged surface	Vertical-condenser, enlarged surface	0020019652	\$ 2,554.00
RV 10.110 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	\$ 3,085.00
RV 10.1000	Set of glassware, diagonal	0003755300	\$ 1,818.00
RV 10.1010	Set of glassware, diagonal, coated	0003755500	\$ 1,992.00
RV 10.3	Vertical-intensive condenser, manifold	0003741000	\$ 2,899.00
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	\$ 4,162.00
RV 10.4	Dry ice condensor	0003742000	\$ 3,028.00
RV 10.40	Dry ice condensor, coated	0003742100	\$ 3,340.00
RV 10.5	Vertical-condenser, reflux	0003743000	\$ 3,240.00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	\$ 3,663.00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	\$ 3,728.00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	\$ 4,094.00
RV 05.10	Balljoint clamp	0000736600	\$ 95.00
RV 10.88	Clamp, NS 29	0003683300	\$ 97.00
RV 10.2023	Evaporation cylinder, NS 24/40, 500 ml	0003738800	\$ 1,280.00
RV 10.2022	Evaporation cylinder, NS 24/40, 1500 ml	0003738900	\$ 1,576.00
RV 10.2025	Foam brake, NS 24/40	0003739200	\$ 290.00
RV 10.2029	Distilling spider, NS 24/40, 6 sleeves	0003739400	\$ 1,083.00
RV 10.2030	Distilling spider, NS 24/40, 12 sleeves	0003739500	\$ 1,372.00
RV 10.2031	Distilling spider, NS 24/40, 20 sleeves	0003739600	\$ 2,753.00
RV 10.610	Distilling sleeve, 20 ml	0003919400	\$ 43.00
RV 10.2034	Distilling spider with 5 flasks, 50 ml	0003740800	\$ 1,805.00
RV 10.2035	Distilling spider with 5 flasks, 100 ml	0003740900	\$ 1,853.00
RV 10.2007	Evaporation flask, NS 24/40, 50 ml	0003845300	\$ 83.00
RV 10.20070	Evaporation flask, coated, NS 24/40, 50 ml	0020000022	\$ 84.00
RV 10.2008	Evaporation flask, NS 24/40, 100 ml	0003740200	\$ 95.00
RV 10.20080	Evaporation flask, coated, NS 24/40, 100 ml	0020005331	\$ 181.00
RV 10.2009	Evaporation flask, NS 24/40, 250 ml	0003740300	\$ 172.00
RV 10.20090	Evaporation flask, coated, NS 24/40, 250 ml	0020005332	\$ 276.00
RV 10.2010	Evaporation flask, NS 24/40, 500 ml	0003740400	\$ 154.00
RV 10.20100	Evaporation flask, coated, NS 24/40, 500 ml	0020005333	\$ 275.00
RV 10.2011	Evaporation flask, NS 24/40, 1000 ml	0003740500	\$ 104.00
RV 10.20110	Evaporation flask, coated, NS 24/40, 1000 ml	0004221400	\$ 311.00
RV 10.2012	Evaporation flask, NS 24/40, 2000 ml	0003740600	\$ 504.00
RV 10.20120	Evaporation flask, coated, NS 24/40, 2000 ml	0020005334	\$ 484.00
RV 10.2013	Evaporation flask, NS 24/40, 3000 ml	0003740700	\$ 503.00
RV 10.20130	Evaporation flask, coated, NS 24/40, 3000 ml	0020005335	\$ 532.00
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	\$ 133.00
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	\$ 137.00



RV 10.103



RV 10.74



RV 10.8001
RV 10.3000



RV 3.1
RV 3.4



RV 10.5001



RV 10.5003

Product	Description	Ident. No.	Price
ACCESSORIES RV 3, RV 8, RV 10			
RV 10.100	Receiving flask, KS 35/20, 100 ml	0003742200	\$ 133.00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	\$ 137.00
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	\$ 139.00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	\$ 144.00
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	\$ 238.00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	\$ 439.00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	\$ 277.00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	\$ 306.00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	\$ 352.00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	\$ 378.00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	\$ 451.00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	\$ 571.00
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	\$ 396.00
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	\$ 786.00
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	\$ 314.00
RV 10.70	Vapor tube, NS 29/32	0003812200	\$ 300.00
RV 10.74	Vapor tube, short, NS 29/32	0003971700	\$ 242.00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	\$ 173.00
RV 10.3000	Extension plate	0003859000	\$ 334.00

ACCESSORIES RV 3			
RV 3.1	Support pole	0025004587	\$ 82.00
RV 3.4	Woulff bottle	0025004588	\$ 259.00
RV 10.5005	Hose kit	0020000552	\$ 257.00

ACCESSORIES RV 8			
RV 8.1	Support pole	0004438500	\$ 296.00
RV 8.2	Mechanical end stop for RV 8	0025001342	\$ 100.00
RV 8.3	Stand pole	0025004707	\$ 213.00
RV 10.5005	Hose kit	0020000552	\$ 257.00

ACCESSORIES VALVE RV 10 AUTO			
RV 10.5002	Filter	0003903800	\$ 235.00
RV 10.5003	Pressure regulating valve	0003907100	\$ 930.00

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

The clearest display in its class

IKA G-L

/// The universal midi centrifuge

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

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

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

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



▶ Watch G-L video



mini G
\$ 602.00
Ident. No. 0003958000*



*Adapters included in delivery

IKA G-L
\$ 1,382.00
Ident. No. 0030000775**



**2 ml rotor set included in delivery

Product	Ident. No.	Price
ACCESSORIES IKA MINI G		
Rotor 4 x HPLC	0020022341	\$ 85.00

ACCESSORIES IKA G-L		
PCR Set	0030001345	\$ 322.00
CRA-0.2ml-C-6-2ml.6	0030001346	\$ 16.00
CRA-0.5/0.6ml-B-8-2ml.6	0030001347	\$ 16.00
CRA-0.4ml-C-6-2ml.6	0030001334	\$ 15.00
2 ml rotor set	0030001333	\$ 328.00

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

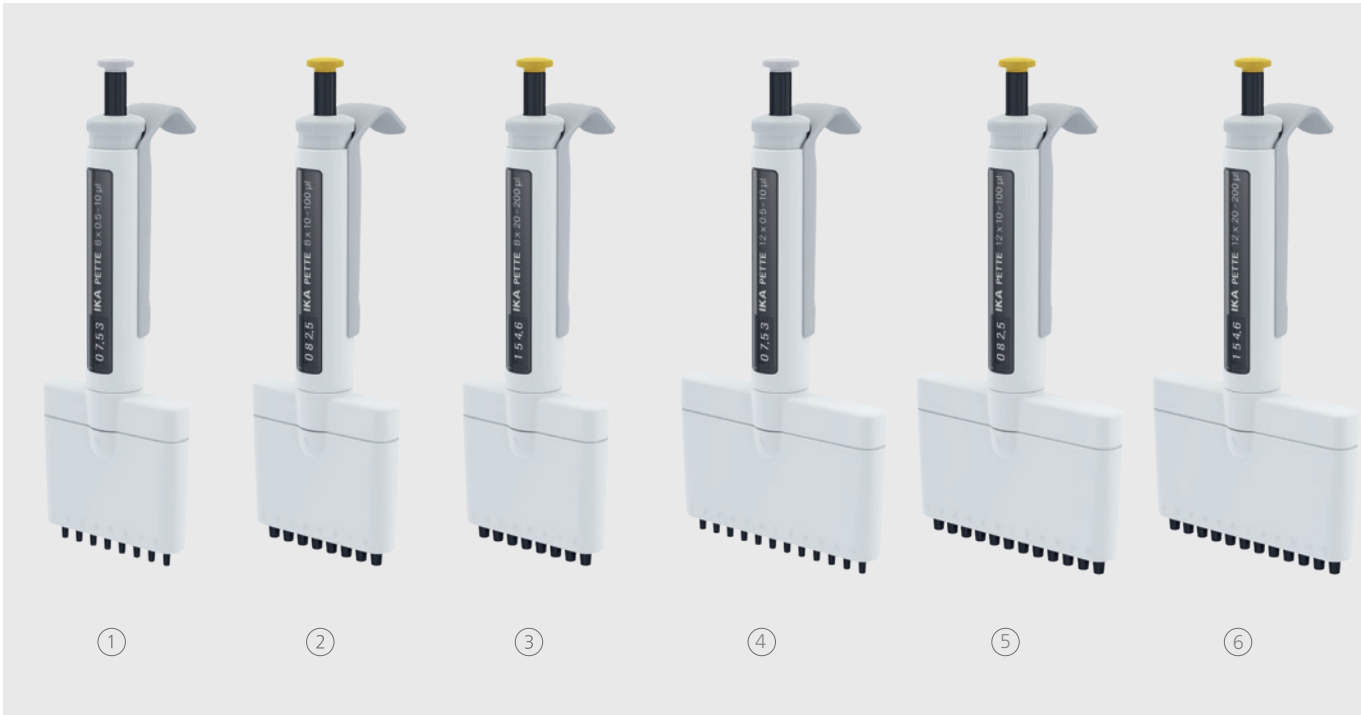
PETTE multi: the multichannel pipette from IKA for easy pipetting in microtiter or deep well plates. Based on the ergonomic PETTE fix and vario single channel pipettes, it combines all the positive features with multiple channels and variable volumes.

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
\$ 650.00
Ident. No. 0020017943

② **PETTE multi**
8 × 10 – 100 µl
\$ 650.00
Ident. No. 0020017944

③ **PETTE multi**
8 × 20 – 200 µl
\$ 650.00
Ident. No. 0020017945

- PETTE multi
12 Channel

④ **PETTE multi**
12 × 0.5 – 10 µl
\$ 743.00
Ident. No. 0020017946

⑤ **PETTE multi**
12 × 10 – 100 µl
\$ 743.00
Ident. No. 0020017947

⑥ **PETTE multi**
12 × 20 – 200 µl
\$ 743.00
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**
\$ 235.00
Ident. No. 0020011219

② **PETTE fix 10 µl**
\$ 235.00
Ident. No. 0020011220

③ **PETTE fix 20 µl**
\$ 235.00
Ident. No. 0020011221

④ **PETTE fix 25 µl**
\$ 235.00
Ident. No. 0020011222

⑤ **PETTE fix 50 µl**
\$ 235.00
Ident. No. 0020011223

⑥ **PETTE fix 100 µl**
\$ 235.00
Ident. No. 0020011224

⑦ **PETTE fix 200 µl**
\$ 235.00
Ident. No. 0020011225

⑧ **PETTE fix 250 µl**
\$ 235.00
Ident. No. 0020011226

⑨ **PETTE fix 500 µl**
\$ 235.00
Ident. No. 0020011227

⑩ **PETTE fix 1000 µl**
\$ 235.00
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**
\$ 311.00
Ident. No. 0020011210

② **PETTE vario 0.5 – 10 µl**
\$ 311.00
Ident. No. 0020011211

③ **PETTE vario 2 – 20 µl**
\$ 311.00
Ident. No. 0020011213

④ **PETTE vario 10 – 100 µl**
\$ 311.00
Ident. No. 0020011214

⑤ **PETTE vario 20 – 200 µl**
\$ 311.00
Ident. No. 0020011215

⑥ **PETTE vario 100 – 1000 µl**
\$ 311.00
Ident. No. 0020011216

⑦ **PETTE vario 0.5 – 5 ml**
\$ 311.00
Ident. No. 0020011217

⑧ **PETTE vario 1 – 10 ml**
\$ 311.00
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

\$ 791.00
Ident. No. 0010007638



IKA PETTE MicroKit B

\$ 791.00
Ident. No. 0010007639



IKA PETTE Classic Kit

\$ 809.00
Ident. No. 0010013011



IKA PETTE MacroKit

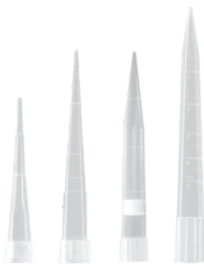
\$ 809.00
Ident. No. 0010014029



PETTE MicroKit A	PETTE MicroKit B	PETTE Classic Kit	PETTE MacroKit
PETTE vario 0.1 – 2 µl	PETTE vario 0.1 – 2 µl	PETTE vario 2 – 20 µl	PETTE vario 100 – 1000 µl
PETTE vario 0.5 – 10 µl	PETTE vario 2 – 20 µl	PETTE vario 20 – 200 µl	PETTE vario 0.5 – 5 ml
PETTE vario 10 – 100 µl	PETTE vario 20 – 200 µl	PETTE vario 100 – 1000 µl	PETTE vario 1 – 10 ml
LINEA Pipette rack	LINEA Pipette rack	LINEA Pipette rack	LINEA Pipette rack
Tip xs box	Tip xs box	Tip s box	IKA Tip 1000 µl box
Tip s box	Tip s box	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
ACCESSORIES			
LINEA	Pipette rack	0020018987	\$ 89.00
RONDA	Carousel stand for up to 6 pipettes	0020107134	\$ 126.00
Tip 10 µl bag	Pipette tip, 10 µl, transparent, 1000 pcs.	0020114634	\$ 19.00
IKA Tip 10 µl box	Pipette tip, 10 µl, transparent, 960 pcs.	0020116857	\$ 98.00
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	\$ 244.00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	\$ 189.00
Tip 200 µl bag	Pipette tip, 200 µl, transparent, 1000 pcs.	0020114635	\$ 14.00
IKA Tip 200 µl box	Pipette tip, 200 µl, transparent, 960 pcs.	0020116858	\$ 98.00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	\$ 94.00
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	\$ 109.00
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	\$ 244.00
IKA Tip 1000 µl box	Pipette tip, 1000 µl, transparent, 600 pcs.	0020116859	\$ 59.00
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	\$ 189.00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	\$ 257.00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	\$ 135.00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	\$ 270.00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	\$ 162.00
PETTE.GR.1	Pipette grease, 1 g	0020017692	\$ 4.00
PETTE.GR.45	Pipette grease, 45 g	0020119238	\$ 102.00
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	\$ 47.00
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	\$ 47.00



SOFTWARE
Pipette Calibration Software
\$ 277.00
Ident. No. 0020022141

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

Free 30 day trial
available

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

\$ 8,604.00
Ident. No. 0020113433



① EasySyn 2000 Starter Reactor System

\$ 9,829.00
Ident. No. 0020113438



② EasySyn 1000 Starter Reactor System

\$ 8,735.00
Ident. No. 0020113435

② EasySyn 5000 Starter Reactor System

\$ 10,288.00
Ident. No. 0020113442



① EasySyn 500 Advanced Reactor System

\$ 12,188.00
Ident. No. 0020113434

① EasySyn 2000 Advanced Reactor System

\$ 13,413.00
Ident. No. 0020113440

② EasySyn 1000 Advanced Reactor System

\$ 12,319.00
Ident. No. 0020113436

② EasySyn 5000 Advanced Reactor System

\$ 13,873.00
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



Product	Description	Ident. No.	Price
ACCESSORIES EASYSYN			
SY 100	Reactor vessels 100 ml	0020126921	\$ 2,782.00
SY 100 D	Reactor vessels 100 ml with bottom discharge	0020126922	\$ 1,932.00
SY 250	Reactor vessels 250 ml	0020126923	\$ 1,621.00
SY 250 D	Reactor vessels 250 ml with bottom discharge	0020126920	\$ 2,804.00
SY 500	Reactor vessels 500 ml	0020113459	\$ 1,587.00
SY 500 D	Reactor vessels 500 ml with bottom discharge	0020113460	\$ 2,953.00
SY 1000	Reactor vessels 1000 ml	0020113461	\$ 1,698.00
SY 1000 D	Reactor vessels 1000 ml with bottom discharge	0020113462	\$ 3,140.00
SY 2000	Reactor vessels 2000 ml	0020113463	\$ 2,707.00
SY 2000 D	Reactor vessels 2000 ml with bottom discharge	0020113464	\$ 4,207.00
SY 5000	Reactor vessels 5000 ml	0020113465	\$ 3,167.00
SY 5000 D	Reactor vessels 5000 ml with bottom discharge	0020113466	\$ 4,816.00
SY 100.1	Reactor lid DN 100	0020113649	\$ 622.00
SY 100.2	Reactor lid DN 100	0020116965	\$ 1,055.00
SY 150.1	Reactor lids DN 150	0020113660	\$ 875.00
SY 150.2	Reactor lids DN 150	0020113661	\$ 1,096.00
R 4011 SY	Propeller stirrer, PTFE, 400 mm	0020114111	\$ 390.00
R 4012 SY	Propeller stirrer, PTFE, 480 mm	0020114112	\$ 419.00
R 4013 SY	Propeller stirrer, PTFE, 530 mm	0020114113	\$ 466.00
R 4021 SY	Anchor stirrer, PTFE, 410 mm	0020114114	\$ 467.00
R 4022 SY	Anchor stirrer, PTFE, 530 mm	0020114115	\$ 514.00
LT 5.40	Draining set for Reactor system	0020113266	\$ 2,811.00
SY stand	Stand system	0020103316	\$ 3,842.00
SY clamp 100	Vessel clamp DN 100	0020105944	\$ 1,006.00
SY clamp ring 100	Clamp ring DN 100	0020113866	\$ 239.00
SY O-ring 100	O-Ring DN 100	0020113867	\$ 76.00
SY guide	Stirrer guide	0020109139	\$ 466.00
SY clamp 150	Clamp ring DN 150	0020105879	\$ 1,161.00
SY clamp ring 150	Clamp ring DN 150	0020113868	\$ 278.00
SY O-ring 150	O-Ring DN 150	0020113869	\$ 96.00



Product	Description	Ident. No.	Price
ACCESSORIES EASYSYN			
SY NS.6	Swivelling screw fitting 6 mm	0020113165	\$ 201.00
SY NS.8	Swivelling screw fitting 8 mm	0020113164	\$ 188.00
SY NS.12	Swivelling screw fitting 12 mm	0020113163	\$ 187.00
LT 5.30	Tempering hose 800 mm	0020108012	\$ 1,006.00
LT 5.31	Tempering hose 1200 mm	0020110278	\$ 1,116.00
LT 5.32	Tempering hose 1600 mm	0020113271	\$ 1,227.00
PT 100.300	Temperature sensor 300 mm	0020114304	\$ 559.00
PT 100.500	Temperature sensor 500 mm	0020114305	\$ 606.00
SY pH 325	pH-Electrode 325 mm	0020114414	\$ 1,219.00
SY pH 425	pH-Electrode 425 mm	0020114415	\$ 1,316.00
SY C1	Reflux condenser	0020113927	\$ 243.00
SY VC	Vacuum cock NS 14/23	0001970900	\$ 148.00
SY OB 14	Oil bubbler, NS 14/23	0020129851	\$ 213.00
SY OB 29	Oil bubbler, NS 29/32	0020129852	\$ 218.00
SY SP 500	Sparger for 500 ml reactor vessel	0020129798	\$ 211.00
SY SP 1000	Sparger for 1000 ml reactor vessel	0020129799	\$ 217.00
SY SP 2000	Sparger for 2000 ml reactor vessel	0020129800	\$ 219.00
SY SP 5000	Sparger for 5000 ml reactor vessel	0020129801	\$ 335.00
SY BDV PT 100	Bottom discharge valve with integrated temperature sensor	0020121894	\$ 1,129.00
H 71.32*	Temperature sensor 320 mm	0020117772	\$ 771.00
H 71.45*	Temperature sensor 450 mm	0020118833	\$ 602.00
R 270.extension	Extension for R 270	0020007927	\$ 84.00

* For connection to a EUROSTAR control overhead stirrer

LR 1000 basic System

\$ 15,118.00
Ident. No. 0020119961

- 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

\$ 19,373.00
Ident. No. 0025001992

Weighing range: max. 2 kg



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

- 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

Product	Description	Ident. No.	Price
ACCESSORIES LR 1000			
WiCo LR 1000	Wireless controller	0020007267	\$ 770.00
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	\$ 4,774.00
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	\$ 5,257.00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	\$ 1,300.00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	\$ 525.00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	\$ 706.00
LR 1000.40	Shaft receptacle FFKM	0025001950	\$ 713.00
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	\$ 983.00
LR 1000.61	Temperature sensor receptacle	0004664400	\$ 935.00
LR 1000.62	Sensor receptacle GL 14	0020010508	\$ 763.00
LR 1000.64	pH electrode	0004663300	\$ 1,280.00
LR 1000.65	pH electrode receptacle	0004663400	\$ 1,092.00
LR 1000.70	Lid holder	0025003123	\$ 594.00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	\$ 864.00
Holder MV 1	Holder for cooling water control valve	0020019816	\$ 263.00



WiCo LR 1000



LR 1000.3



LR 1000.41



LR 1000.64



LR 1000.10



LR 1000.20



LR 1000.70



MV 1



\$ 18,799.00

Ident. No. 0020130459



NEW!

LR-5.ST
The Versatile

\$ 16,528.00

Ident. No. 0020130462



NEW!

Further package information on page 176



① LR-2.ST
The High-Performer

\$ 21,912.00



① LR-2.5T
The Versatile

\$ 19,481.00

② LR-2.ST
The Compact Power

\$ 20,452.00

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 × H × D)	460 × 1240 × 430 mm	460 × 1320 × 430 mm



LR-2.5.ST Conversion kit

\$ 4,441.00

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-2.5T 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

\$ 20,867.00

Ident. No. 0020020604

TECHNICAL DATA		LR-2.5T 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



Product	Description	Ident. No.	Price
ACCESSORIES LR-2.ST			
LR-2.SI	Safety stop	0003318300	\$ 1,300.00
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	\$ 2,352.00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	\$ 1,093.00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	\$ 1,092.00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	\$ 2,746.00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	\$ 4,030.00
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	\$ 5,311.00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	\$ 7,641.00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	\$ 12,988.00
ACCESSORIES LR-5.ST			
LR 5000.10	Anchor stirrer with PEEK scraper	0020125444	\$ 2,450.00
LR 5000.11	Anchor stirrer	0020129362	\$ 1,194.00
LR 5000.1	Glass reactor vessel, double-walled, 5000 ml	0020125443	\$ 6,259.00
LR 5000.2	Glass reactor vessel, double-walled, bot.drain, 5000 ml	0020127389	\$ 7,855.00
LR 5000.3	Stainless steel reactor vessel, double-walled, 5000 ml	0020128802	\$ 8,480.00
LR 5000.4	Stainless steel reactor vessel, double-walled, bot.drain, 5000 ml	0020128770	\$ 13,553.00
LR 5000.20	Flow breaker / baffle, stn. steel	0020125445	\$ 1,094.00
LR 5000.40	Shaft receptacle	0020125446	\$ 968.00
LR 5000.65	pH electrode receptacle	0020127514	\$ 1,416.00
LR 5000.12	Propeller stirrer	0020127380	\$ 1,183.00
LR 5000.92	Funnel for LR-5.ST	0020130428	\$ 1,469.00
S 25 KD - LR - 30 G	Dispersing element, Ø 30 mm	0020127971	\$ 2,800.00
S 25 KD - LR - 30 F	Dispersing element, Ø 30 mm	0020127970	\$ 2,900.00



Product	Description	Ident. No.	Price
ACCESSORIES LR-2.ST / LR-5.ST			
LR 2000.40	Shaft receptacle	0002509200	\$ 1,229.00
LR 2000.60	Sensor receptacle	0002509300	\$ 950.00
LR 2000.64	pH process electrode	0020010075	\$ 1,815.00
LR 2000.65	pH measuring sensor receptacle	0003172600	\$ 1,281.00
LR-2.SP	Splinter shield	0003326400	\$ 599.00
LT 5.23 M 16	Adapter G1/4 m - M16x1 m	0020106236	\$ 171.00
LT 5.25 200C	Lock coupling 200 °C	0020120795	\$ 564.00
LT 5.26 200C	Lock adapter 200 °C	0020120796	\$ 425.00
LT 5.25 M16	Lock coupling M 16x1	0025006987	\$ 807.00
LT 5.27	Hose adapter set	0020000880	\$ 607.00
LT 5.28	Pressure control valve	0020100227	\$ 247.00
H 68.55	Temp. sensor, stn. steel, Ø 6 mm	0025007921	\$ 499.00
LR-2.5.ST	Conversion kit, LR-2.ST to LR-5.ST	0020105485	\$ 4,441.00
HBR 4 control LR	Heating bath, 4 l	0010001849	\$ 5,004.00
PT 1000.61	Temperature sensor, stn. steel, Ø 6 mm	0020009881	\$ 566.00
ACCESSORIES REACTOR SYSTEM			
T 25 digital LR	Dispenser	0020008820	\$ 2,551.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	\$ 2,900.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	\$ 3,200.00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	\$ 2,984.00
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	\$ 2,700.00
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	\$ 2,800.00
S 25 KD - LR - 30 G	Dispersing element, Ø 30 mm	0020127971	\$ 2,800.00
S 25 KD - LR - 30 F	Dispersing element, Ø 30 mm	0020127970	\$ 2,900.00

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

\$ 6,192.00
Ident. No. 0020019397

labworldsoft® 6 Starter Update

\$ 1,214.00
Ident. No. 0020019398

labworldsoft® 6 Advanced

\$ 10,546.00
Ident. No. 0020105873

labworldsoft® 6 Advanced Update

\$ 2,111.00
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labworldsoft® 6 Pro

\$ 13,811.00
Ident. No. 0020017366

labworldsoft® 6 Pro Update

\$ 2,765.00
Ident. No. 0020018014



Expert Key 100 eco

Expert Key 100 pro



ETH SER 4



PCI 8.2

C 6040 CalWin

\$ 3,023.00
Ident. No. 0004040500

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

Product	Description	Ident. No.	Price
Expert Key 100 eco	Data collection system for laboratories	0020005486	\$ 7,181.00
Expert Key 100 pro	Data collection system for industries	0020005485	\$ 7,751.00
Multi power switch	Switchable multiple connection plug board	0020003454	\$ 119.00
MV 1 power plug	Cooling water valve with power plug	0010001655	\$ 702.00
RV 10 A 1	Adapter valve for Expert Key	0020004314	\$ 161.00
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	\$ 109.00
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	\$ 112.00
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	\$ 45.00
PC 1.1	Cable, L 3 m	0002616700	\$ 55.00
PC 1.3	Cable, L 1.5 m	0025005322	\$ 45.00
PC 1.5	Cable, L 2.5 m	0002756000	\$ 62.00
PC 2.1	Cable, L 5 m	0002700700	\$ 24.00
PC 3.1	Cable, L 3 m, 9 pins (F), 15 pins (M)	0020122152	\$ 122.00
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	\$ 195.00
USB A-B cable	USB A-B cable	0004220200	\$ 8.00
DTM 12.10	Data cable, L 2.5 m, 9 pins (F)	0003127800	\$ 485.00
PC 1.2	Adapter, 25 pins	0002616800	\$ 88.00
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	\$ 114.00
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	\$ 89.00
PCI 8.2	Plug-in card, 25 pins	0008017500	\$ 1,813.00
USB SER 4	USB-serial converter 4 ports	0020003456	\$ 488.00
USB SER 8	USB-serial converter 8 ports	0020018480	\$ 837.00
USB SER 16	USB-serial converter 16 ports	0020018736	\$ 1,448.00
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	\$ 124.00
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	\$ 231.00
USB ISO	USB isolator	0020101935	\$ 205.00
ETH SER 4	Ethernet-serial converter 4 ports	0003192000	\$ 1,904.00
ETH SER 8	Ethernet-serial converter 8 ports	0020021350	\$ 2,417.00
ETH SER 16	Ethernet-serial converter 16 ports	0020021351	\$ 2,894.00

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 3000 isoperibol
Package 1/10

Price on request
Ident. No. 0010005542

C 3000 isoperibol
Package 1/12

Price on request
Ident. No. 0010005544

C 3000 isoperibol
Package 2/10

Price on request
Ident. No. 0010005543

C 3000 isoperibol
Package 2/12

Price on request
Ident. No. 0010005545



C 200
Price on request
Ident. No. 0008802501

C 200 h
Price on request
Ident. No. 0008803701

C 200 auto
Price on request
Ident. No. 0010002382

C 200 h auto
Price on request
Ident. No. 0010002388

TECHNICAL DATA	C 3000	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	Isoperibol 3, Dynamic 6 Manual 3, Time-controlled 4	Isoperibol 3, Dynamic 6 Manual 3, Time-controlled 4
Start temperature settings	22 °C – 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 4	up to 4
Dimensions (W × H × D)	500 × 425 × 450 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. 0010004531

C 6000 global standards
Package 1/12

Price on request
Ident. No. 0010004532

C 6000 global standards
Package 2/10

Price on request
Ident. No. 0010004533

C 6000 global standards
Package 2/12

Price on request
Ident. No. 0010004534



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

AOD 1

\$ 10,879.00
Ident. No. 0008801301



TECHNICAL DATA	AOD
Decomposition time	3 min
Chamber volume	210 ml
Pressure max.	195 bar
Core temperature max.	1200 °C
Oxygen operating pressure max.	40 bar
Permissible ambient temperature	min. 5 °C max. 40 °C
Weight	12.5 kg
Dimensions (W × H × D)	400 × 480 × 260 mm
Power input	45 W

C 1.50



C 21

C 6010



C 6030



C 5010.8

Product	Description	Ident. No.	Price
ACCESSORIES AND CONSUMABLES C 3000			
C 6010	Decomposition vessel, standard	0003770000	\$ 5,116.00
C 6012	Decomposition vessel, halogen resistant	0004504000	\$ 9,706.00
C 1.50	Dot matrix printer	0020010668	\$ 1,124.00
C 6030	Venting station	0004504100	\$ 3,916.00
C 60.1012	Organizer	0004504200	\$ 423.00
C 27	Calorimeter preparation set	0004579700	\$ 203.00
C 29	Pressure gauge, oxygen	000L004944	\$ 2,439.00
C 21	Pelleting press	0001605300	\$ 4,511.00
C 5020	Sample rack	0007145000	\$ 8,913.00
C 25	Pressure regulating valve	0003197200	\$ 1,271.00
C 5041.10	Connection cable	0003262400	\$ 68.00
C 5010.8	Crucible holder, small	0004579800	\$ 330.00
C 5010.5	Crucible holder, big	0003055900	\$ 256.00

ACCESSORIES AND CONSUMABLES C 6000			
C 6010	Decomposition vessel, standard	0003770000	\$ 5,116.00
C 6012	Decomposition vessel, halogen resistant	0004504000	\$ 9,706.00
C 6010 HE	Standard decomposition vessel with hastelloy electrodes	0020007660	\$ 4,469.00
C 6010.10	Combustion shield	0020007518	\$ 248.00
C 1.50	Dot matrix printer	0020010668	\$ 1,124.00
C 6030	Venting station	0004504100	\$ 3,916.00
C 60.1012	Organizer	0004504200	\$ 423.00
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	\$ 2,013.00
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	\$ 4,690.00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	\$ 55.00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	\$ 181.00

ACCESSORIES ALL CALORIMETERS			
C 27	Calorimeter preparation set	0004579700	\$ 206.00
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	\$ 2,439.00
C 29 (BS341-3)	Pressure regulator, oxygen	0020101322	\$ 1,461.00
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	\$ 1,461.00
C 21	Pelleting press	0001605300	\$ 4,511.00
C 5010.8	Crucible holder, small	0004579800	\$ 330.00
C 5010.5	Crucible holder, big	0003055900	\$ 256.00



C 200.RC



C 248



C 5010



C 5020



C 48



C 5010.4



C 5010.5

Product	Description	Ident. No.	Price
ACCESSORIES C 200			
C 200.RC	Set of hoses	0020010835	\$ 832.00
C 248	Oxygen station	0003520000	\$ 4,093.00
C 200.1	Measuring cup, 2000 ml	0003548900	\$ 102.00
C 200.2	Conversion kit for C 5012	0004028800	\$ 369.00

ACCESSORIES C 200, C 2000, C 5000			
C 5010	Decomposition vessel	0020128010	\$ 5,285.00
C 5012	Decomposition vessel, halogen resistant	0020128160	\$ 9,441.00
C 5010 HE	Standard decomposition vessel with hastelloy electrodes	0020130769	\$ 5,312.00
C 5030	Venting station	0007198000	\$ 3,409.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	\$ 331.00
C 26	Prep stand	0008804000	\$ 1,385.00

ACCESSORIES C 2000, C 5000, C 6000			
C 5020	Sample rack	0007145000	\$ 8,913.00

ACCESSORIES C 2000, C 5000, C 7000			
C 5041.10	Connection cable	0003036000	\$ 68.00

ACCESSORIES C 1, C 2000, C 6000			
C 25	Pressure regulating valve	0003197200	\$ 1,271.00



Product	Description	Ident. No.	Price
CONSUMABLES ALL CALORIMETERS			
C 6000.1*	Water protect, 100 ml	0020014031	\$ 138.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	\$ 128.00
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	\$ 125.00
C 4	Quartz dish	0001695500	\$ 75.00
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	\$ 483.00
C 6	Quartz dish, big	0000355100	\$ 172.00
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	\$ 482.00
C 9	Gelatine capsules, 100 pcs.	0000749900	\$ 89.00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	\$ 359.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	\$ 111.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	\$ 119.00
C 15	Parafilm strips	0003131100	\$ 125.00
C 16	Parafilm, 1000 × 50 mm	0003801100	\$ 358.00
C 17	Paraffin, liquid, 30 ml	0003801200	\$ 601.00
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	\$ 1,374.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	\$ 71.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	\$ 573.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	\$ 408.00
CONSUMABLES C 200, C 2000, C 5000, C 7000			
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	\$ 90.00
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	\$ 350.00
C 14	Combustible crucibles, 100 pcs.	0007224500	\$ 359.00

* 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
ACCESSORIES AOD 1			
AOD 1.1 FZ	Decomposition vessel	0003303000	\$ 15,812.00
AOD 1.2	External ignition unit	0003348000	\$ 6,396.00
AOD 1.3	Protection device	0003308000	\$ 5,480.00
AOD 1.13	Remote ignition head	0003348100	\$ 1,559.00
C 48	Oxygen station	0001560000	\$ 4,375.00
C 7030	Venting station	0003013300	\$ 4,552.00
C 21	Pelleting press	0001605300	\$ 4,511.00
C 29 (DIN 477)	Pressure gauge, oxygen	0000750200	\$ 2,439.00
C 29 (BS341-3)	Pressure gauge, oxygen	0020101322	\$ 1,461.00
C 29 (NFE29-656)	Pressure gauge, oxygen	0020101828	\$ 1,461.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	\$ 331.00
CONSUMABLES AOD 1			
C 4	Quartz dish	0001695500	\$ 75.00
C 9	Gelatine capsules, 100 pcs.	0000749900	\$ 89.00
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	\$ 359.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	\$ 111.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	\$ 119.00
C 14	Combustible crucibles, 100 pcs.	0007224500	\$ 359.00
C 15	Parafilm strips	0003131100	\$ 125.00
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	\$ 350.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	\$ 128.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	\$ 408.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	\$ 71.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	\$ 573.00

C 6040 CalWin
\$ 3,023.00
Ident. No. 0004040500*

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



R 200

R 270



RH 5

LABLIFT m



R 6547 H



R 104

R 1825

R 2722

R 2723

R 474

R 2850

Product	Description	Ident. No.	Price
FIXING ELEMENTS			
H 44	Boss head clamp	0002437700	\$ 55.00
R 200	Clamp for T 10 basic and R 104	0003372000	\$ 153.00
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	\$ 65.00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	\$ 70.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	\$ 104.00
R 350	Universal clamp	0001752900	\$ 304.00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	\$ 106.00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	\$ 264.00
LABLIFT m	Manual scissor lift	0004022400	\$ 350.00
STANDS			
R 104	Stand for T 10 basic, H 370 mm	0003386000	\$ 231.00
R 1825	Plate stand, H 560 mm	0003160000	\$ 305.00
R 1826	Plate stand, H 800 mm	0003160100	\$ 344.00
R 1827	Plate stand, H 1000 mm	0003160200	\$ 356.00
R 2722	H-stand, 1010 mm	0001412000	\$ 687.00
R 2723	Telescopic stand, H 620-1010 mm	0001412100	\$ 749.00
T 653	Telescopic stand, H 1200 mm	0001608000	\$ 3,043.00
R 474	Telescopic stand, H 1200 mm	0001643000	\$ 2,483.00
R 472	Floor stand, H 2020 mm	0000738700	\$ 4,717.00
R 2850	Floor stand, H 1900 mm	0020002900	\$ 4,147.00
R 6547 H	Floor stand, hydraulic	0020018533	\$ 12,946.00
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018680	\$ 4,489.00



ALMEMO 2490



PT 100.23

Product	Description	Ident. No.	Price
ELECTRONIC STANDS			
IKA [scale]	Stand with weighing function	0025004318	\$ 1,485.00
R 6547 E 400V	Floor stand, electrohydraulics	0020018673	\$ 17,896.00
R 2850.SI	Safety stop	0020010623	\$ 1,695.00
ALMEMO TEMPERATURE MEASURING INSTRUMENT			
ALMEMO 2490-2	Temperature measuring instrument	0004709300	\$ 3,495.00
ALMEMO USB Kable	USB cable	0004709400	\$ 559.00
PT 100.23	Temp. sensor, stn. steel, Ø3 mm, length: 250 mm	0003122100	\$ 484.00
PT 100.24	Temp. sensor, stn. steel, coated, Ø6 mm, 250 mm	0003122200	\$ 997.00
PT 100.25	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0003122300	\$ 454.00

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
MAGNETIC STIRRER PACKAGE			
RCT basic ready-to-go Solution		0010012117	\$ 1,375.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025006052	
BC 1000	Beaker cap	0020003417	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
RCT basic ETS-D5 Solution		0010012113	\$ 1,480.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025006052	
ETS-D5	Electronic contact thermometer	0003516800	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
RCT basic Synthesis Solution 250		0010012115	\$ 1,626.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025006052	
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	
IKAFLO	IKAFLO 25 ellipse Stir bar	0004494800	
RCT basic Synthesis Solution 500		0010012114	\$ 1,677.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025006052	
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	
IKAFLO	IKAFLO 30 ellipse Stir bar	0004495000	
RCT basic Synthesis Solution 1000		0010012116	\$ 1,725.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025006052	
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	
IKAFLO	IKAFLO 40 ellipse Stir bar	0004495400	



ULTRA-TURRAX® P control Workstation



UTDD control Pharma Solution



UTDD control Life Science Solution

Product	Description	Ident. No.	Price
SINGLE-USE CRUSHING PACKAGES			
ULTRA-TURRAX® P control Workstation			
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
ST-20	Stirring tube, 20 ml (3 pcs.)	0003703000	
DT-20	Dispersing tube, 20 ml	0003703100	
Glass balls	(6.0 mm) for BMT tubes	0003599200	
Stainless steel	(5.0 mm) balls for BMT tubes	0003599300	
UTTD control Pharma Solution			
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
DIS-300-S-M.10	Dissolver tube, 300 ml, 10 pcs.	0020016318	
UTTD control Life Science Solution			
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
DT-20	Dispersing tube, 20 ml, 20 pcs.	0003703000	



Tube Mill control Agriculture Solution

Product	Description	Ident. No.	Price
SINGLE-USE CRUSHING / IVD PACKAGES			
Tube Mill control Agriculture Solution			
Tube Mill control	Batch mill	0004180000	
MT 40.10	Disposable grinding chamber, 40ml, 10 pcs.	0004425000	
Tube Mill 100 control Pharma Solution			
Tube Mill 100 control	Batch mill	0020007144	
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	



C 3000

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 3000 isoperibol package 1/10		0010005542	On request
C 3000 isoperibol	Calorimeter	0020023144	
C 6010	Combustion chamber	0003770000	
RC 2 basic	Recirculating chiller	0004171001	
C 3000 isoperibol package 1/12		0010005544	On request
C 3000 isoperibol	Calorimeter	0020023144	
C 6012	Combustion chamber	0004504000	
RC 2 basic	Recirculating chiller	0004171001	
C 3000 isoperibol package 2/10		0010005543	On request
C 3000 isoperibol	Calorimeter	0020023144	
C 6010	Combustion chamber, halogen resistant	0003770000	
C 3000 isoperibol package 2/12		0010005545	On request
C 3000 isoperibol	Calorimeter	0020023144	
C 6012	Combustion chamber, halogen resistant	0004504000	
C 200 auto Package		0010002382	On request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171001	
C 200.RC	Set of hoses	0020010835	
C 5010	Decomposition vessel	0007114000	
C 248	Oxygen filling station	0003520000	
C 200 h auto Package		0010002388	On request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171001	
C 200.RC	Set of hoses	0020010835	
C 5012	Decomposition vessel, halogen resistant	0007215000	
C 200.2	Conversion kit	0004028800	
C 248	Oxygen filling station	0003520000	



C 200 auto



C 6000

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 6000 global standards Package 1/10		0010004520	On request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 global standards Package 1/12		0010004521	On request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 global standards Package 2/10		0010004522	On request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
C 6000 global standards Package 2/12		0010004523	On request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
C 6000 isoperibol Package 1/10		0010004524	On request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 isoperibol Package 1/12		0010004525	On request
C 6000 isoperibol	Measurement cell	0020005940	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 isoperibol Package 2/10		0010004526	On request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
C 6000 isoperibol Package 2/12		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
ROTARY EVAPORATOR PACKAGES*			
RV 3 V Package			
RV 3	Drive	0020015792	
HB eco	Heating bath	0025004816	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 3 V-C Package			
RV 3	Drive	0020015792	
HB eco	Heating bath	0025004816	
RV 10.910	Set of glassware, vertical, coated	0003842600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 3 FLEX Package			
RV 3	Drive	0020015792	
HB eco	Heating bath	0025004816	
RV 05.10	Balljoint clamp	0000736600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.89	Clamp, NS 24	0003756200	
RV 8 V Package			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, 24/40	0003829400	
RV 8 V-C Package			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 10.910	Set of glassware, vertical, coated	0003842600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 8 FLEX Package			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 05.10	Balljoint clamp	0000736600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.89	Clamp, NS 24	0003756200	



RV 8 Dry Ice Condenser



RV 10 digital Dry Ice Condenser, coated

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES*			
RV 3 dry ice condensor			
RV 3	Drive	0020015792	
HB eco	Heating bath	0025004816	
RV 10.20110	Evaporation flask (NS 24/40, 1000 ml)	0003845700	
RV 10.4	Dry ice condenser	0003742000	
RV 10.103	Receiving flask (KS 35/20, 1000 ml)	0003742500	
RV 3 dry ice condensor, coated			
RV 3	Drive	0020015792	
HB eco	Heating bath	0025004816	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.20110	Evaporation flask, coated, (NS 24/40, 1000 ml)	0020000026	
RV 8 dry ice condensor			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 10.20110	Evaporation flask (NS 24/40, 1000 ml)	0003845700	
RV 10.4	Dry ice condenser	0003742000	
RV 10.103	Receiving flask (KS 35/20, 1000 ml)	0003742500	
RV 8 dry ice condensor, coated			
RV 8	Drive	0025002822	
HB digital	Heating bath	0025004361	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask (KS 35/20, 1000 ml)	0003743500	
RV 10.20110	Evaporation flask, coated, (NS 24/40, 1000 ml)	0020000026	
RV 10 digital Dry Ice Condenser			
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0025004361	
RV 10.20110	Evaporation flask (NS 24/40, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.103	Receiving flask (KS 35/20, 1000 ml)	0003742500	
RV 10 digital dry ice condenser, coated			
RV 10 digital	Drive	0020015793	
HB digital	Heating bath	0025004361	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask (KS 35/20, 1000 ml)	0003743500	
RV 10.20110	Evaporation flask, coated, (NS 24/40, 1000 ml)	0020000026	

*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
ROTARY EVAPORATOR PACKAGES			
RV 10 digital V Package			
RV 10 digital	Drive	0010005184	\$ 5,876.00
HB digital	Heating bath	0003550099	
RV 10.900	Set of glassware, vertical	0020016395	
RV 10.73	Vapor tube, NS 24/40	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 digital V-C Package			
RV 10 digital	Drive	0010005185	\$ 6,059.00
HB digital	Heating bath	0003550099	
RV 10.910	Set of glassware, vertical, coated	0020016395	
RV 10.73	Vapor tube, NS 24/40	0003842600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 digital FLEX Package			
RV 10 digital	Drive	0010005186	\$ 5,097.00
HB digital	Heating bath	0003550099	
RV 05.10	Balljoint clamp	0020016395	
RV 10.73	Vapor tube, NS 24/40	0000736600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.89	Clamp, NS 24	0003756200	
RV 10 auto pro V Package			
RV 10 auto	Drive	0010004815	\$ 14,443.00
VACSTAR digital	Pump with analog connection	0020003919	
HB digital	Heating bath	0020016237	
HB digital	Heating bath	0020016395	
RV 10.1	Set of glassware, vertical	0020016395	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 auto pro V-C Package			
RV 10 auto	Drive	0010004812	\$ 14,612.00
VACSTAR digital	Pump with analog connection	0020003919	
VACSTAR digital	Pump with analog connection	0020016237	
HB digital	Heating bath	0020016395	
HB digital	Heating bath	0020016395	
RV 10.910	Set of glassware, vertical, coated	0020016395	
RV 10.910	Set of glassware, vertical, coated	0003842600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10 auto pro FLEX Package			
RV 10 auto	Drive	0010005197	\$ 13,637.00
VACSTAR digital	Pump with analog connection	0020003919	
VACSTAR digital	Pump with analog connection	0020016237	
HB digital	Heating bath	0020016395	
HB digital	Heating bath	0020016395	
RV 05.10	Balljoint clamp	0020016395	
RV 10.73	Vapor tube, NS 24/40	0000736600	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 10.89	Clamp, NS 24	0003829400	
RV 10.89	Clamp, NS 24	0003756200	



RV 3 V Starter Solution



RV 8 V Starter Solution



RV 10 auto V Starter Solution

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR COMPLETE SOLUTIONS			
RV 3 V Starter Solution			
RV 3	Drive	0010014406	\$ 8,230.00
HB eco	Heating bath	0020015793	
RV 10.900	Set of glassware, vertical	0025004726	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
VACSTAR lite	Vacuum pump	0003829400	
VC 10 lite	Vacuum controller	0020129463	
VC 10.600	Vacuum controller	0020111998	
RC 2 lite	Stand pole	0020129298	
RC 2 lite	Recirculating chiller	0025007939	
RV 8 V Starter Solution			
RV 8	Drive	0010014411	\$ 9,006.00
HB digital	Heating bath	0025002822	
HB digital	Heating bath	0020016395	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
VACSTAR lite	Vacuum pump	0003829400	
VC 10 lite	Vacuum pump	0020129463	
VC 10 lite	Vacuum controller	0020111998	
RV 8.3	Stand pole	0020111998	
RC 2 lite	Recirculating chiller	0025004707	
RC 2 lite	Recirculating chiller	0025007939	
RV 10 digital V Starter Solution			
RV 10 digital	Drive	0010014396	\$ 10,998.00
HB digital	Heating bath	0003550099	
HB digital	Heating bath	0020016395	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
VACSTAR lite	Vacuum pump	0003829400	
VC 10 lite	Vacuum pump	0020129463	
VC 10 lite	Vacuum controller	0020111998	
VC 10.400	Stand	0020111998	
RC 2 lite	Recirculating chiller	0035001735	
RC 2 lite	Recirculating chiller	0025007939	
RV 10 auto V Starter Solution			
RV 10 auto	Drive	0010014417	\$ 12,781.00
HB digital	Heating bath	0020003919	
HB digital	Heating bath	0020016395	
RV 10.900	Set of glassware, vertical	0003842500	
RV 10.73	Vapor tube, NS 24/40	0003829400	
VACSTAR lite	Vacuum pump	0003829400	
VACSTAR lite	Vacuum pump	0020129463	
VSE 1	Vacuum safety emission condenser	0020129463	
RC 2 lite	Recirculating chiller	0035001873	
RC 2 lite	Recirculating chiller	0025007939	



RV 3 pro V Complete



RV 8 pro V Complete



RV 10 auto pro V-C Complete

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR COMPLETE SOLUTIONS			
RV 3 pro V-C Complete			
RV 3	Drive	0010012819	\$ 10,600.00
HB eco	Heating bath	0020015792	
RV 10.910	Set of glassware, vertical, coated	0025004816	
RV 10.73	Vapor tube, NS 24/40	0003842600	
VACSTAR digital	Pump with analog connection	0003829400	
VC 10 lite	Pump with analog connection	0020016237	
VC 10.500	Vacuum controller	0020111998	
RC 2 lite	Stand pole	0035002702	
	Recirculating chiller	0025007939	
RV 8 pro V-C Complete			
RV 8	Drive	0010012820	\$ 12,500.00
HB digital	Heating bath	0025002822	
RV 10.910	Set of glassware, vertical, coated	0020004009	
RV 10.73	Vapor tube, NS 24/40	0003842600	
VACSTAR digital	Vapor tube, NS 24/40	0003829400	
VC 10 lite	Pump with analog connection	0020016237	
VC 10.500	Vacuum controller	0020111998	
RC 2 lite	Stand pole	0025004707	
	Recirculating chiller	0025007939	
RV 10 digital pro V-C Complete			
RV 10 digital	Drive	0010012821	\$ 13,300.00
HB digital	Heating bath	0003550099	
RV 10.910	Set of glassware, vertical, coated	0020004009	
RV 10.73	Vapor tube, NS 24/40	0003842600	
VACSTAR digital	Vapor tube, NS 24/40	0003829400	
VC 10 lite	Pump with analog connection	0020016237	
VC 10.400	Vacuum controller	0020111998	
RC 2 lite	Stand	0035001735	
	Recirculating chiller	0025007939	
RV 10 digital pro V double Complete			
2 × RV 10 digital	Drive	0010011968	\$ 23,500.00
2 × HB digital	Heating bath	0003550099	
2 × RV 10.900	Set of glassware, vertical, coated	0020004009	
2 × RV 10.73	Vapor tube, NS 24/40	0003842500	
VACSTAR digital	Vapor tube, NS 24/40	0003829400	
2 × VC 10 pro	Pump with analog connection	0020016237	
VSE 1	Vacuum controller	0020112031	
2 × VC 10.400	Vacuum safety emission condenser	0035001873	
2 × VC 10.300	Stand	0035001735	
RC 2 GREEN basic	Check valve	0020011105	
2 × Y hose connector	Recirculating chiller	0025007402	
	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
ROTARY EVAPORATOR COMPLETE SOLUTIONS SOLUTIONS			
RV 10 digital pro V-C double Complete			
2 × RV 10 digital	Drive	0010012822	\$ 24,000.00
2 × HB digital	Heating bath	0025002822	
2 × RV 10.910	Set of glassware, vertical, coated	0025004361	
2 × RV 10.73	Vapor tube, NS 24/40	0003842600	
VACSTAR digital	Vapor tube, NS 24/40	0003829400	
2 × VC 10 pro	Pump with analog connection	0020016237	
VSE 1	Vacuum controller	0020112031	
2 × VC 10.400	Vacuum safety emission condenser	0035001873	
2 × VC 10.300	Stand	0020124926	
RC 2 GREEN basic	Check valve	0020111998	
	Recirculating chiller	0025007402	
	Y-hose connector	0025006624	
VACUUM PUMP PACKAGES			
VACSTAR lite Starter Solution			
VACSTAR lite	Vacuum pump	0010014660	\$ 2,708.00
VC 10 lite	Vacuum pump	0020129463	
VC 10.600	Vacuum controller	0020111998	
	Stand pole	0020129298	
VACSTAR lite Starter Plus Solution			
VACSTAR lite	Vacuum pump	0010014673	\$ 3,629.00
VC 10 lite	Vacuum pump	0020129463	
VC 10.600	Vacuum controller	0020111998	
	Vacuum safety emission condenser	0035001873	
	Stand pole	0020129298	
VACSTAR lite Advanced Solution			
VACSTAR lite	Vacuum pump	0010014685	\$ 3,374.00
VC 10 pro	Vacuum pump	0020129463	
VC 10.600	Vacuum controller	0020111998	
	Stand pole	0020129298	
VACSTAR lite Advanced Plus Solution			
VACSTAR lite	Vacuum pump	0010014673	\$ 3,629.00
VC 10 pro	Vacuum pump	0020129463	
VSE 1	Vacuum controller	0020112031	
VC 10.600	Vacuum safety emission condenser	0035001873	
	Stand pole	0020129298	



EasySyn 500 Starter Reactor system



EasySyn 2000 Starter Reactor system

Product	Description	Ident. No.	Price
SYNTHESIS REACTORS			
EasySyn 500 Starter Reactor system			
EUROSTAR 60 digital	Overhead stirrer	0004446001	
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	
EasySyn 1000 Starter Reactor system			
Same content as EasySyn 500 Starter, except:			
SY 1000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 1000 ml volume	0020113462	
EasySyn 2000 Starter Reactor system			
Same content as EasySyn 500 Starter, except:			
SY 2000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 2000 ml volume	0020113464	
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	
EasySyn 5000 Starter Reactor system			
Same content as EasySyn 500 Starter, except:			
SY 5000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 5000 ml volume	0020113466	
R 4013 SY	Propeller stirrer	0020114113	

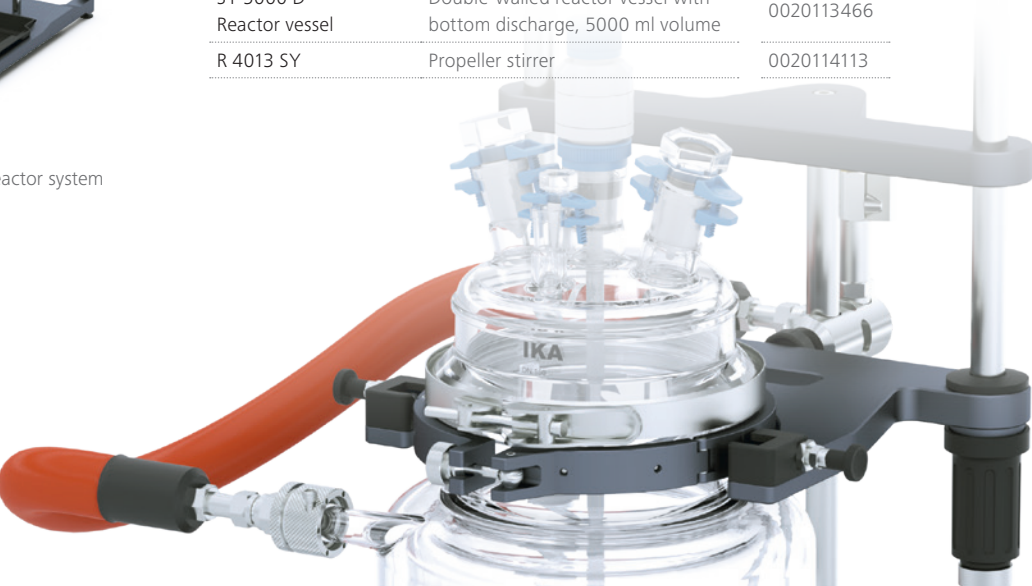


EasySyn 1000 Advanced Reactor system



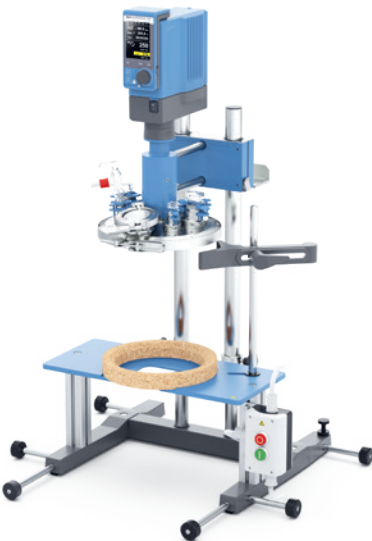
EasySyn 5000 Advanced Reactor system

Product	Description	Ident. No.	Price
SYNTHESIS REACTORS			
EasySyn 500 Advanced Reactor system			
EUROSTAR 100 control	Overhead stirrer	0004028501	
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	
EasySyn 1000 Advanced Reactor system			
Same content as EasySyn 500 Advanced, except:			
SY 1000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 1000 ml volume	0020113462	
EasySyn 2000 Advanced Reactor system			
Same content as EasySyn 500 Advanced, except:			
SY 2000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 2000 ml volume	0020113464	
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	
EasySyn 5000 Advanced Reactor system			
Same content as EasySyn 500 Advanced, except:			
SY 5000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 5000 ml volume	0020113466	
R 4013 SY	Propeller stirrer	0020114113	



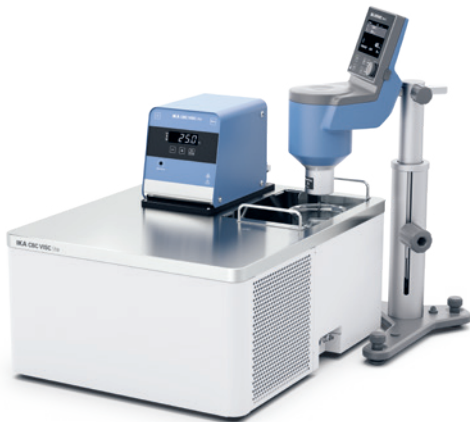


LR-2.ST the High Performer



LR-5.ST the Versatile

Product	Description	Ident. No.	Price
REACTOR SYSTEM PACKAGES			
LR-2.ST the High Performer			
LR-2.ST	Stand system	0020012897	
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 200 P4 control	Overhead stirrer	0004090001	
LR-2.ST the Allrounder			
LR-2.ST	Stand system	0020012897	
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 200 control	Overhead stirrer	0003992001	
LR-2.ST the Versatile			
LR-2.ST	Stand system	0020012897	
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 100 control	Overhead stirrer	0004028501	
LR-2.ST the Compact Power			
LR-2.ST	Stand system	0020012897	
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
EUROSTAR 60 control	Overhead stirrer	0004440001	
LR-2.ST Starvisc 200			
LR-2.ST	Stand system	0020012897	
LR-2.SI	Safety disconnection	0003318300	
LR 2.10	Reactor cover	0003101000	
STARVISC 200-2.5 control	Measuring stirrer	0020006998	
LR-5.ST the High Performer			
LR.ST	Stand system	0020100788	
LR.SI	Safety disconnection	0003318300	
LR-5.ST	Reactor lid	0020103293	
EUROSTAR 200 P4 control	Overhead stirrer	0004090001	
LR-5.ST the Versatile			
LR.ST	Stand system	0020100788	
LR.SI	Safety disconnection	0003318300	
LR-5.ST	Reactor lid	0020103293	
EUROSTAR 100 control	Overhead stirrer	0004028501	



CBC ROTAVISC SBS me-vi Package



ROTATEMP me-vi Package

Product	Description	Ident. No.	Price
VISCOMETER PACKAGES			
CBC ROTAVISC SBS me-vi Package			
ROTAVISC SBS me-vi control	Viscometer	0025008115	
ROTASTAND	Stand	0020116428	
CBC VISC lite	Refrigerated and heating circulator	0020117174	
CBC ROTAVISC lo-vi Package			
ROTAVISC lo-vi control	Viscometer	0025000491	
ROTASTAND	Stand	0020116428	
CBC VISC lite	Refrigerated and heating circulator	0020117174	
CBC ROTAVISC me-vi Package			
ROTAVISC me-vi control	Viscometer	0025000492	
ROTASTAND	Stand	0020116428	
CBC VISC lite	Refrigerated and heating circulator	0020117174	
ROTATEMP SBS me-vi Package			
ROTAVISC SBS me-vi control	Viscometer	0025008115	
ROTASTAND	Stand	0020116428	
ROTATEMP	Heating system	0020127550	
ROTATEMP lo-vi Package			
ROTAVISC lo-vi control	Viscometer	0025000491	
ROTASTAND	Stand	0020116428	
ROTATEMP	Heating system	0020127550	
ROTATEMP me-vi Package			
ROTAVISC me-vi control	Viscometer	0025000492	
ROTASTAND	Stand	0020116428	
ROTATEMP	Heating system	0020127550	



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