

IKA

designed for scientists

EN



Innovative laboratory solutions for your research
PRODUCT OVERVIEW



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

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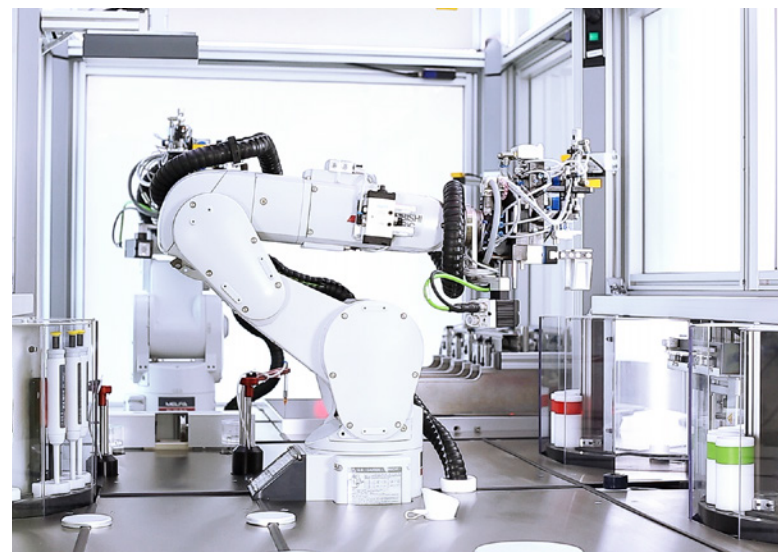
/// CALIBRATION SERVICES

Ensuring quality and reproducibility: We calibrate all 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)

You will receive a factory calibration certificate according to DIN EN ISO 9001 for your new IKA laboratory & analytical 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.

DQ/IQ/OQ/PQ documents

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

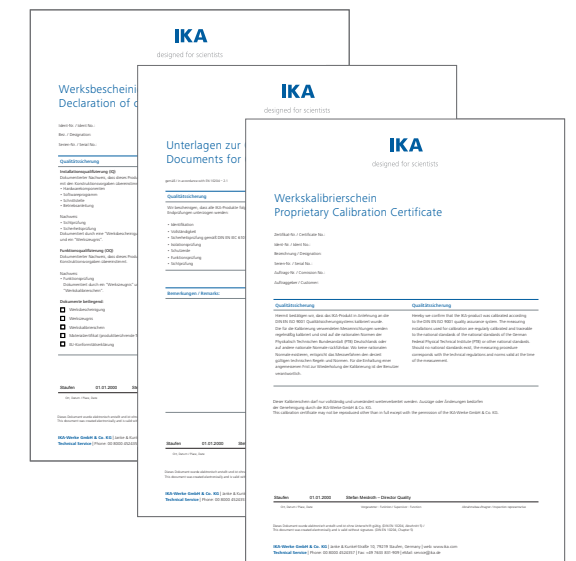
The product-specific documents are prepared individually according to your requirements. These product-specific documents consist of detailed descriptions of installation qualifications (IQ), functional tests (OQ) and process qualifications (PQ) to be performed based on the customer specification (DQ).

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



Qualification implementation (IQ/OQ/PQ)

We also commission your new laboratory devices for you and check it personally using the IQ/OQ/PQ 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.



/// 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 pipettes and calorimeters: a one year warranty plus an additional year following registration (1+1).

The free warranty extension can be acquired in just a few clicks at www.ika.com/register.



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!



iF Design Award 2023 for HABITAT

Our new bioreactor HABITAT research convinced the jury of the world's oldest independent design institution, iF International Forum Design GmbH. HABITAT proved that it is possible to work easily and pleasantly even with highly complex devices. As the first laboratory bioreactor with a lid stand, it saves users a lot of handling, ensures ergonomic working and a tidy laboratory. Its unique "Chaotic Mixing" mode enables faster and more efficient mixing. The consistently intuitive operation shortens the familiarization period.



Innovative strength and economic success



IKA continues to be honored for its innovative spirit. Since 2012, we've been recognized five times as one of the most innovative companies in Germany, which are awarded by the TOP 100 panel and mentor Ranga Yogeshwar. In 2015, IKA made it to second place in the class of companies with more than 250 employees. IKA was also shortlisted for the Innovation Award at ACHEMA 2018 in Frankfurt am Main with ElectraSyn 2.0, the pioneering product in electrochemistry. In addition, studies by the University of St. Gallen have placed our company in the world market leader index for years, which is reflected by the corresponding seal of WirtschaftsWoche. Once again, we are entitled to hold the corresponding seal in 2024.

Design strength and user-friendliness

Whether the iF Design Award, Red dot design award or the German Design Award: the fact that an appealing and user-friendly design plays a central role in product development for IKA is regularly honored.

In 2022, the TWISTER, the completely rethought mixing expert with patented design from IKA, received the Red dot award in the product design category. TWISTER thus joins the ranks of IKA's Red dot award-winning devices: the Tube Mill control batch mill, LR 1000 laboratory reactor, the shakers Roller and Trayster digital, the magnetic stirrer C-MAG HS 7 control and the global innovation ElectraSyn 2.0, a device for electrochemical synthesis.

In 2021, MATRIX Orbital Delta Plus received the German Design Award in the category "Excellent Product Design - Industry". In 2020, it was the new IKA PETTE fix and vario pipettes with their total of 18 different models, and in 2018 the IKA T 25 easy clean ULTRA-TURRAX® high-performance disperser. The iF Design Award was awarded not only to the HABITAT bioreactor in 2023, but also to the IKA PETTE (2020), KMO 3 and RCT digital magnetic stirrers and the MINISTAR 80 overhead stirrer (all 2017), as well as other devices.



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 the life science laboratory. A smarter way of working that can also be enjoyable under high pressure. That is why we have combined all the core competencies from more than a hundred years of IKA in a new generation of bioreactors. Here we set new standards in mixing, temperature control, automation, safety and design.



Watch
HABITAT video

HABITAT RESEARCH

/// The ergonomic bioreactor



HABITAT research is the first laboratory bioreactor with a motor size that matches the volume. The handling is simple, the training time is short. As the first bioreactor with a lid stand, it ensures ergonomic working and a tidy laboratory. In combination with a circulator, e.g. HRC 2 lite, it is your fermenter, and if you connect light panels, your new photobioreactor.

LID STAND

The lid stand makes experiment preparation easier. The lid does not have to be put down and the motor and sensors are hooked onto the stand. This way, all connections are accessible and the sensors are protected. And everything together finds room in the autoclave.

CHAOTIC MIXING

In addition to the familiar stirrer control modes, there is the new innovative Chaotic Mode. Here, mixing follows the mathematical principle of chaotic-dynamic systems. The result is a

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

INDIVIDUAL PID HANDLING

With HABITAT research, you as the admin have PID handling in your own hands, giving you more leeway when scaling growth processes. But don't worry: if you change temperature values, the software simulates the consequences of the change for the processes for your safety.

HABITAT cell

Price on request
Ident. No. 0010007534



HABITAT cell cct

Price on request
Ident. No. 0010007574

HABITAT ferment

Price on request
Ident. No. 0010007544



HABITAT ferment cct

Price on request
Ident. No. 0010007586

HABITAT photo cell

Price on request
Ident. No. 0010007554



HABITAT photo ferment

Price on request
Ident. No. 0010007564

HABITAT photo ferment cct

Price on request
Ident. No. 0010007606



TECHNICAL DATA

Speed range

HABITAT CELL / CCT

HABITAT PHOTO CELL / CCT

1 – 2200 rpm

Number of pump heads

4 (Acid, Base, Anti-Foam, Level)

Pump flow rate

1 – 270 ml/min

Gas flow rate

0.01 – 2 l/min

Number of mass flow controllers (MFC)

4 (Air, O₂, N₂, CO₂)

Control parameter

Stirrer, gas flush, liquid feed, off-gas analysis, temperature, pH, DO, foam, level (conductivity, CO₂, turbidity, light)

Interfaces

USB, PC connect, RS 232, Ethernet, SU connect, circulator, ext. pump, ext. signal 4...20 mA

Dimensions (W x H x D)

224 x 624 x 405 mm

HABITAT FERMENT / CCT

HABITAT PHOTO FERMENT / CCT

1 – 2200 rpm

4 (Acid, Base, Anti-Foam, Level)

1 – 270 ml/min

0.01 – 20 l/min

4 (Air, O₂, N₂, CO₂)

Stirrer, gas flush, liquid feed, off-gas analysis, temperature, pH, DO, foam, level (conductivity, CO₂, turbidity, light)

USB, PC connect, RS 232, Ethernet, SU connect, circulator, ext. pump, ext. signal 4...20 mA

224 x 624 x 405 mm

① HABITAT cell sw 0.5

Price on request
Ident. No. 0010007644

② HABITAT cell dw 0.5

Price on request
Ident. No. 0010007645



① HABITAT cell sw 1

Price on request
Ident. No. 0010007646

② HABITAT cell dw 1

Price on request
Ident. No. 0010007647



① HABITAT cell sw 2

Price on request
Ident. No. 0010007648

② HABITAT cell dw 2

Price on request
Ident. No. 0010007649



① HABITAT cell sw 5

Price on request
Ident. No. 0010007650

② HABITAT cell dw 5

Price on request
Ident. No. 0010007651

③ HABITAT cell dw 10

Price on request
Ident. No. 0010007652



TECHNICAL DATA	HABITAT CELL SW 0.5 1 2 5	HABITAT CELL DW 0.5 1 2 5 10
Vessel type	Single wall, borosilicate glass	Double wall, borosilicate glass
Total volume	0.8 l 1.6 l 3 l 6.7 l	0.8 l 1.6 l 3 l 6.7 l 12.9 l
Working volume	0.25 – 0.5 l 0.3 – 1 l 0.6 – 2 l 1 – 5 l	0.25 – 0.5 l 0.3 – 1 l 0.6 – 2 l 1 – 5 l 2 – 10 l
Speed range	1 – 1400 rpm 1 – 2000 rpm 1 – 2200 rpm 1 – 1500 rpm	1 – 1400 rpm 1 – 2000 rpm 1 – 2200 rpm 1 – 1500 rpm 1 – 800 rpm
Temperature control	Heating sleeve, RT – 60 °C	Thermostat, 5 – 75 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)	0 – 200 % (0.01 %)
Sparger type	Micro sparger, 5 µm	Micro sparger, 5 µm
Stirrer type	3-blade segment stirrer	3-blade segment stirrer
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI	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	HABITAT FERMENT SW 2 5	HABITAT FERMENT DW 0.5 1 2 5 10
Vessel type	Single wall, borosilicate glass	Double wall, borosilicate glass
Total volume	3 l 6.7 l	0.8 l 1.6 l 3 l 6.7 l 12.9 l
Working volume	0.6 – 2 l 1 – 5 l	0.25 – 0.5 l 0.3 – 1 l 0.6 – 2 l 1 – 5 l 2 – 10 l
Speed range	1 – 2200 rpm 1 – 1500 rpm	1 – 1400 rpm 1 – 2000 rpm 1 – 2200 rpm 1 – 1500 rpm 1 – 800 rpm
Temperature control	Heating sleeve + cooling finger + chiller, 5 – 65 °C	Circulator, 5 – 75 °C
pH sensor (resolution)	0 – 14 pH (0.01 pH)	0 – 14 pH (0.01 pH)
DO sensor (resolution)	0 – 200 % (0.01 %)	0 – 200 % (0.01 %)
Sparger type	Ring sparger, 0.5 mm	Ring sparger, 0.5 mm
Stirrer type	6-blade disc stirrer (rushton)	6-blade disc stirrer (rushton)
Material in contact with product	AISI 316L, borosilicate glass 3.3, silicone USP class VI	AISI 316L, borosilicate glass 3.3, silicone USP class VI



Product	Description	Ident. No.	Price
VESSELS			
HA.gv.sw.0.5	Glass vessel, single-wall, for 0.5 l	0020105898	On request
HA.gv.sw.1	Glass vessel, single-wall, for 1 l	0020106410	
HA.gv.sw.2	Glass vessel, single-wall, for 2 l	0020105973	
HA.gv.sw.5	Glass vessel, single-wall, for 5 l	0020106412	
HA.gv.dw.0.5	Glass vessel, double-wall, for 0.5 l	0020106409	
HA.gv.dw.1	Glass vessel, double-wall, for 1 l	0020106411	
HA.gv.dw.2	Glass vessel, double-wall, for 2 l	0020105974	
HA.gv.dw.5	Glass vessel, double-wall, for 5 l	0020106413	
HA.gv.dw.10	Glass vessel, double-wall, for 10 l	0020106414	
STANDS			
HA.ls.2	Lid stand, for 2 l	0035004067	On request
HA.ls.10	Lid stand, for 5 l and 10 l	0035004059	
HA.sfr.250	Sample flask rack, for 250 ml bottles	0020110862	
HA.vh.0.5	Vessel holder, for 0.5 l	0020105897	
HA.vh.1	Vessel holder, for 1 l	0020106404	
HA.vh.2	Vessel holder, for 2 l	0020105972	
HA.vh.5	Vessel holder, for 5 l	0020106406	
HA.vh.10	Vessel holder, for 10 l	0020106408	
REACTOR LIDS			
HA.lc.0.5	Lid complete, for 0.5 l	0020106425	On request
HA.lc.1	Lid complete, for 1 l	0020106426	
HA.lc.2	Lid complete, for 2 l	0020106427	
HA.lc.5	Lid complete, for 5 l	0020106428	
HA.lc.10	Lid complete, for 10 l	0020106429	
DRIVE SHAFTS & MOTORS			
HA.ds.s.0.5	Drive shaft, standard coupling, for 0.5 l	0035003856	On request
HA.ds.s.1	Drive shaft, standard coupling, for 1 l	0035003814	
HA.ds.s.2	Drive shaft, standard coupling, for 2 l	0035003760	
HA.ds.s.5	Drive shaft, standard coupling, for 5 l	0035003594	
HA.ds.s.10	Drive shaft, standard coupling, for 10 l	0035003703	



Product	Description	Ident. No.	Price
DRIVE SHAFTS & MOTORS			
HA.mt.s.2	Small motor, standard coupling, for 0.5 l, 1 l and 2 l	0035003757	On request
HA.mt.s.10	Big motor, standard coupling, for 5 and 10 l	0035003694	
HA.ds.m.0.5	Drive shaft with motor, magnetic coupling, for 0.5 l	0020117598	
HA.ds.m.1	Drive shaft with motor, magnetic coupling, for 1 l	0020117685	
HA.ds.m.2	Drive shaft with motor, magnetic coupling, for 2 l	0020117686	
HA.ds.m.5	Drive shaft with motor, magnetic coupling, for 5 l	0020117542	
HA.ds.m.10	Drive shaft with motor, magnetic coupling, for 10 l	0020117543	
SENSORS			
HA.s.tm.1	Temperature sensor, for 0.5 l and 1 l	0035004128	On request
HA.s.tm.2	Temperature sensor, for 2 l	0035004123	
HA.s.tm.5	Temperature sensor, for 5 l	0035004125	
HA.s.tm.10	Temperature sensor, for 10 l	0035004127	
HA.s.ph.0.5	pH sensor, for 0.5 l	0035004274	
HA.s.ph.1	pH sensor, for 1 l	0035004275	
HA.s.ph.2	pH sensor, for 2 l	0035004276	
HA.s.ph.5	pH sensor, for 5 l	0035003648	
HA.s.ph.10	pH sensor, for 10 l	0035004277	
HA.s.do.0.5	DO sensor, for 0.5 l	0035004278	
HA.s.do.1	DO sensor, for 1 l	0035004279	
HA.s.do.2	DO sensor, for 2 l	0035004280	
HA.s.do.5	DO sensor, for 5 l	0035004281	
HA.s.do.10	DO sensor, for 10 l	0035004282	
HA.s.fo	Foam sensor	0035004028	
HA.s.lv.1	Level sensor, for 0.5 l and 1 l	0035004160	
HA.s.lv.2	Level sensor, for 2 l	0020107107	
HA.s.lv.5	Level sensor, for 5 l	0020103648	
HA.s.lv.10	Level sensor, for 10 l	0020107108	
HA.s.tb.cpl.1	Turbidity sensor, complete, for 1 l	0020115415	
HA.s.tb.cpl.2	Turbidity sensor, complete, for 2 l	0020115416	
HA.s.tb.cpl.5	Turbidity sensor, complete, for 5 l	0020115417	
HA.s.tb.cpl.10	Turbidity sensor, complete, for 10 l	0020115418	



Product	Description	Ident. No.	Price
SENSORS			
HA.s.co.cpl.1	CO ₂ sensor, complete, for 1 l	0020115419	On request
HA.s.co.cpl.2	CO ₂ sensor, complete, for 2 l	0020115420	
HA.s.co.cpl.10	CO ₂ sensor, complete, for 5 l and 10 l	0020115421	
HA.s.cd.cpl.1	Conductivity sensor, complete, for 1 l	0020115422	
HA.s.cd.cpl.2	Conductivity sensor, complete, for 2 l	0020115423	
HA.s.cd.cpl.5	Conductivity sensor, complete, for 5 l	0020115424	
HA.s.cd.cpl.10	Conductivity sensor, complete, for 10 l	0020115425	
STIRRING ELEMENTS			
HA.ip.pi.0.5	3-pitched blade impeller, for 0.5 l	0035003949	On request
HA.ip.pi.1	3-pitched blade impeller, for 1 l	0035003946	
HA.ip.pi.2	3-pitched blade impeller, for 2 l	0035003941	
HA.ip.pi.5	3-pitched blade impeller, for 5 l	0035003938	
HA.ip.pi.10	3-pitched blade impeller, for 10 l	0035003944	
HA.ip.b.0.5	6-blade segment impeller, for 0.5 l	0035003863	
HA.ip.b.1	6-blade segment impeller, for 1 l	0035003821	
HA.ip.b.2	6-blade segment impeller, for 2 l	0035003766	
HA.ip.b.5	6-blade segment impeller, for 5 l	0035003633	
HA.ip.b.10	6-blade segment impeller, for 10 l	0035003720	
SPARGER			
HA.sp.m.0.5	Micro Sparger, 5 µm, for 0.5 l	0020102905	On request
HA.sp.m.1	Micro Sparger, 5 µm, for 1 l	0035003918	
HA.sp.m.2	Micro Sparger, 5 µm, for 2 l	0020102879	
HA.sp.m.5	Micro Sparger, 5 µm, for 5 l	0020102839	
HA.sp.m.10	Micro Sparger, 5 µm, for 10 l	0020103001	
HA.sp.r.0.5	Ring Sparger, 0.5 mm, for 0.5 l	0035003860	
HA.sp.r.1	Ring Sparger, 0.5 mm, for 1 l	0035003818	
HA.sp.r.2	Ring Sparger, 0.5 mm, for 2 l	0035003763	
HA.sp.r.5	Ring Sparger, 0.5 mm, for 5 l	0035003639	
HA.sp.r.10	Ring Sparger, 0.5 mm, for 10 l	0035003718	
TEMPERATURE CONTROL			
HA.hbl.0.5	Heating blanket, for 0.5 l	0035004032	On request
HA.hbl.1	Heating blanket, for 1 l	0035004031	
HA.hbl.2	Heating blanket, for 2 l	0035004029	
HA.hbl.5	Heating blanket, for 5 l	0035004030	
HA.cf.2	Cooling finger, for 2 l	0020112117	
HA.cf.5	Cooling finger, for 5 l	0020112120	



Product	Description	Ident. No.	Price
SAMPLE COLLECTION			
HA.hp.s.0.5	Harvest pipe, straight, for 0.5 l	0035003898	On request
HA.hp.s.1	Harvest pipe, straight, for 1 l	0035003901	
HA.hp.s.2	Harvest pipe, straight, for 2 l	0035003903	
HA.hp.s.5	Harvest pipe, straight, for 5 l	0035003905	
HA.hp.s.10	Harvest pipe, straight, for 10 l	0035003907	
BAFFLE			
HA.ba.0.5	Baffle, for 0.5 l	0035003868	On request
HA.ba.1	Baffle, for 1 l	0035003827	
HA.ba.2	Baffle, for 2 l	0035003774	
HA.ba.5	Baffle, for 5 l	0035003645	
HA.ba.10	Baffle, for 10 l	0035003730	
FOAM BREAKER			
HA.fb.s.0.5	Foam breaker 4-blade, straight for 0.5 l	0020110951	On request
HA.fb.s.1	Foam breaker 4-blade, straight for 1 l	0020114008	
HA.fb.s.2	Foam breaker 4-blade, straight for 2 l	0020110995	
HA.fb.s.5	Foam breaker 4-blade, straight for 5 l	0020111000	
HA.fb.s.10	Foam breaker 4-blade, straight for 10 l	0020114011	
SPIN FILTER			
HA.fi.10.1	Spin filter, 10 µm, for 1 l	0020114014	On request
HA.fi.10.2	Spin filter, 10 µm, for 2 l	0020111027	
HA.fi.10.5	Spin filter, 10 µm, for 5 l	0020111052	
HA.fi.10.10	Spin filter, 10 µm, for 10 l	0020114069	
HA.fi.20.1	Spin filter, 20 µm, for 1 l	0020114060	
HA.fi.20.2	Spin filter, 20 µm, for 2 l	0020111022	
HA.fi.20.5	Spin filter, 20 µm, for 5 l	0020111061	
HA.fi.20.10	Spin filter, 20 µm, for 10 l	0020114080	
HA.fi.40.1	Spin filter, 40 µm, for 1 l	0020114064	
HA.fi.40.2	Spin filter, 40 µm, for 2 l	0020111015	
HA.fi.40.5	Spin filter, 40 µm, for 5 l	0020111065	
HA.fi.40.10	Spin filter, 40 µm, for 10 l	0020114085	



Tablet 10.x inch



LED Panel



HA.ep



HA.sf.500



HA.fd



HA.cn

Product	Description	Ident. No.	Price
OTHER ACCESSORIES			
Tablet 10.x inch	Tablet, software included	0020106577	
LED Panel	for photobioreactor, set consisting of 2 pcs.	0025004168	
HA.cn	Condenser	0020106610	
HA.cab.sw	Cable and hose set for single-walled glass vessels	0020107110	
HA.cab.dw	Cable and hose set for double-walled glass vessels	0020107111	
HA.sf.250	Sample flask 250 ml	0020107065	
HA.sf.500	Sample flask 500 ml	0020110852	On request
HA.sf.1000	Sample flask 1000 ml	0020110853	
HA.ap	Air pump, 230 V	0020106152	
HA.ep	External peristaltic pump	0020101836	
HA.fd	Feeding port	0020107770	
HA.ino	Port for inoculation	0035004598	
HA.sam	Syringe set, sterile	0035004014	
PC 1.3	Cable, L 1.5 m	0025005322	

HABITAT PROCESS 50L
/// Stirred Single-Use Bioreactor

With HABITAT process 50L you ensure the transition from laboratory to production scale.

The stirred single-use bioreactor HABITAT process 50L is used for cultivation of animal cells and thus enables the production of monoclonal antibodies, recombinant proteins, vaccines and viral vectors as cell culture products for our customers.

Interested? Contact us!
process@ika.net

Scale-up



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
\$ 2,730.00
Ident. No. 0020008980

Ready-To-Go package



ElectraSyn 2.0 pro Package
\$ 3,210.00
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 x H x D)	130 x 150 x 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	\$ 2,287.00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	\$ 3,179.00
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	\$ 2,936.00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	\$ 630.00
Pro-Seal	Vial cap for gas exchange	0040007151	\$ 460.00
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	\$ 702.00
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	\$ 220.00

ACCESSORIES PRO-DIVIDE			
Fritte Set, 1 µm	Glass frit, 2 pcs.	0020102632	\$ 87.00
Fritte Set, 5 µm	Glass frit, 2 pcs.	0020102633	\$ 46.00
Fritte Set, 10 µm	Glass frit, 2 pcs.	0020102634	\$ 41.00
Fritte Sample Set	Kit of 1/5/10 µm glass frit, 1 pc. each	0020101403	\$ 85.00

ELECTRODES FOR E-HIVE			
Copper electrode inner	Anode copper (24 pcs.)	0040007427	\$ 368.00
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	\$ 148.00
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	\$ 293.00
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	\$ 642.00
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	\$ 509.00
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	\$ 181.00



Fritte Set



Glass vial 5 ml

Glass vial complete 10 ml

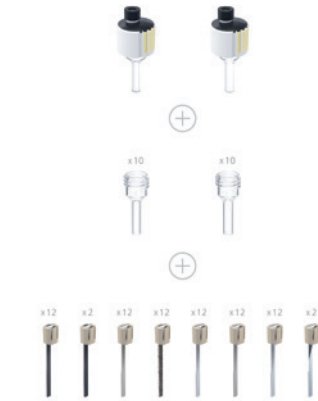


ElectraSyn 2.0 Complete Starter Kit



Microvial 1 ml

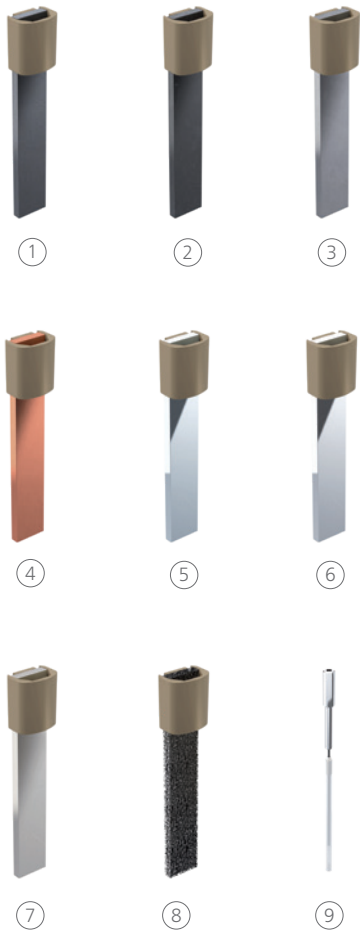
Microvial 2 ml



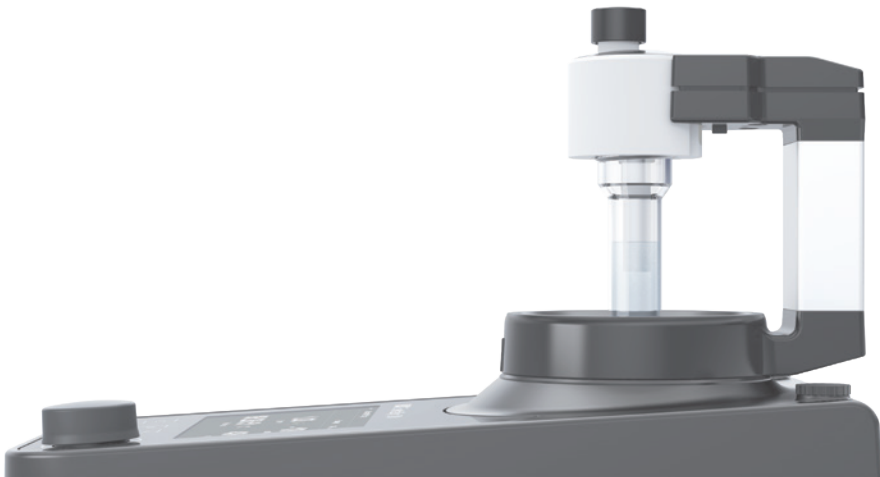
ElectraSyn 2.0 Micro Starter Kit complete

Product	Description	Ident. No.	Price
VIALS / ELECTRODES			
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	\$ 130.00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	\$ 122.00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	\$ 124.00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	\$ 297.00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	\$ 201.00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	\$ 218.00
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	\$ 1,521.00
ElectraSyn 2.0 Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	\$ 1,069.00
ElectraSyn 2.0 Vials only Kit	Kit of 10 × 5 ml, 10 × 10 ml, 10 × 20 ml vials	0010003811	\$ 707.00
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	\$ 2,589.00
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	\$ 482.00

MICROVIALS / MICROELECTRODES			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	\$ 165.00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	\$ 165.00
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	\$ 420.00
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	\$ 416.00
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	\$ 2,255.00
ElectraSyn 2.0 microvials only	Kit 10 × 1 ml, 10 × 2 ml vials	0040004103	\$ 838.00
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	\$ 1,158.00
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	\$ 3,249.00



Product	Ident. No.	Price
ELEKTRODEN		
① Electrode graphite (12 pcs.)	0040002858	\$ 175.00
② Electrode glassy carbon (2 pcs.)	0040002842	\$ 129.00
Electrode lead bronze (2 pcs.)	0020016076	\$ 130.00
Electrode lead (12 pcs.)	0040002843	\$ 325.00
Electrode tungsten (2 pcs.)	0040002845	\$ 329.00
③ Electrode niobium (2 pcs.)	0040002846	\$ 122.00
④ Electrode copper (12 pcs.)	0040002847	\$ 91.00
Electrode magnesium (12 pcs.)	0040002848	\$ 318.00
Electrode titanium (12 pcs.)	0040002849	\$ 293.00
Electrode zinc (12 pcs.)	0040002850	\$ 293.00
Electrode stainless steel (12 pcs.)	0040002851	\$ 80.50
⑤ Electrode CV Platinum (2 pcs.)	0040002852	\$ 117.00
Electrode platinum foil (2 pcs.)	0040005015	\$ 567.00
Electrode platinum on ceramics (2 pcs.)	0040006753	\$ 307.00
Electrode gold plated (2 pcs.)	0040002853	\$ 295.00
⑥ Electrode silver plated (2 pcs.)	0040002854	\$ 95.00
Electrode aluminum (12 pcs.)	0040003174	\$ 174.00
Electrode boron doped diamond (2 pcs.)	0040002856	\$ 510.00
Electrode tin (12 pcs.)	0040002857	\$ 306.00
⑦ Electrode nickel (12 pcs.)	0040002859	\$ 199.00
⑧ Electrode RVC foam (12 pcs.)	0040002860	\$ 290.00
Electrode nickel foam (12 pcs.)	0040002861	\$ 73.00
Electrode cobalt (2 pcs.)	0040003385	\$ 81.00
⑨ Electrode reference (1 pc.)	0040002865	\$ 211.00
Electrode CV glassy carbon (1 pc.)	0040002863	\$ 108.00



Product	Ident. No.	Price
MICROELECTRODES		
① Microelectrode aluminum (12 pcs.)	0040004029	\$ 89.00
Microelectrode boron-doped diamond (2 pcs.)	0040004036	\$ 719.00
② Microelectrode cobalt (2 pcs.)	0040004039	\$ 126.00
③ Microelectrode copper (12 pcs.)	0040004027	\$ 208.00
④ Microelectrode glassy carbon (2 pcs.)	0040004022	\$ 159.00
⑤ Microelectrode gold (2 pcs.)	0040004034	\$ 208.00
Microelectrode graphite SK-50 (12 pcs.)	0040004021	\$ 210.00
Microelectrode lead (12 pcs.)	0040004028	\$ 850.00
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	\$ 221.00
Microelectrode magnesium (12 pcs.)	0040004025	\$ 499.00
Microelectrode nickel (12 pcs.)	0040004023	\$ 652.00
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	\$ 93.00
⑧ Microelectrode niobium (2 pcs.)	0040004032	\$ 209.00
Microelectrode silver (2 pcs.)	0040004035	\$ 72.50
Microelectrode stainless steel (12 pcs.)	0040004024	\$ 155.00
Microelectrode tin (12 pcs.)	0040004037	\$ 571.00
⑨ Microelectrode titanium (12 pcs.)	0040004033	\$ 499.00
Microelectrode tungsten (2 pcs.)	0040004031	\$ 98.00
Microelectrode zinc (12 pcs.)	0040004026	\$ 499.00

Screening System Package
(8 cells)

\$ 20,590.00
Ident. No. 0040003864



Screening System Package
(6 cells)

\$ 20,590.00
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

\$ 1,436
Ident. No. 0020023690

Product	Ident. No.	Price
ACCESSORIES SCREENING SYSTEM		
Reaction block with 6 divided cells	0020015936	\$ 3,742.00
Reaction block with 8 undivided cells	0020015943	\$ 2,052.00
Set of reaction cells (6 divided cells)	0040003647	\$ 3,197.00
Set of reaction cells (8 undivided cells)	0040003648	\$ 1,582.00
SC.MF Manifold	0020110119	on request
SC.MF.CP.UDIV Manifold cap, for undivided cells	0020110375	on request
SC.MF.CP.DIV Manifold cap, for divided cells	0020110376	on request

ELECTRODES

Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	\$ 7,114.00
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	\$ 1,764.00
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	\$ 305.00
Electrode 0.7 platinum (8 pcs.)	0040003678	\$ 1,082.00
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	\$ 692.00
Electrode 0.7 gold (8 pcs.)	0040003934	\$ 685.00
Electrode 0.7 silver (8 pcs.)	0040003938	\$ 402.00
Electrode 0.7 nickel foam (16 pcs.)	0040003935	\$ 147.00
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	\$ 1,215.00
Electrode 0.7 nickel (16 pcs.)	0040003671	\$ 826.00
Electrode 0.7 stainless steel (8 pcs.)	0040003672	\$ 458.00
Electrode 0.7 lead (16 pcs.)	0040003673	\$ 901.00
Electrode 0.7 lead bronze (8 pcs.)	0040003674	\$ 592.00
Electrode 0.7 copper (8 pcs.)	0040003675	\$ 389.00
Electrode 0.7 magnesium (16 pcs.)	0040003677	\$ 826.00
Electrode 0.7 zinc (16 pcs.)	0040003680	\$ 779.00
Electrode 0.7 aluminium (16 pcs.)	0040003682	\$ 973.00
Electrode 0.7 cobalt (8 pcs.)	0040003933	\$ 563.00
Electrode 0.7 niobium (8 pcs.)	0040003936	\$ 512.00
Electrode 0.7 tin (8 pcs.)	0040003939	\$ 442.00
Electrode 0.7 titanium (8 pcs.)	0040003940	\$ 410.00
Electrode 0.7 tungsten (8 pcs.)	0040003941	\$ 592.00
Electrode 0.7 RVC (16 pcs.)	0040003937	\$ 715.00
Electrode 0.7 Sampler Kit incl. 7 × 2 electrodes*	0040004509	\$ 2,633.00
Electrode 0.7 Starter Kit incl. 9 × 1 electrode**	0040003646	\$ 8,083.00

FURTHER ACCESSORIES

Electrode 0.7 power supply	0040003871	on request
SC 1.1 Cable (1 – 4)	0040003663	\$ 235.00
SC 1.2 Cable (5 – 8)	0020018590	\$ 235.00
SC 2.1 Crocodile clip for cable set	0040003630	\$ 43.50
labworldsoft® 6 Screening System	0020023690	\$ 1,436.00

*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

\$ 4,538.00

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	\$ 80.00
CDR.PP standard	Disc reactor set, polypropylene, standard, 2 pcs.	0020102637	\$ 80.00
CDR.PVDF narrow	Disc reactor set, polyvinylidene difluoride, narrow, 2 pcs.	0020102706	\$ 171.00
CDR.PVDF standard	Disc reactor set, polyvinylidene difluoride, standard, 2 pcs.	0020102638	\$ 171.00

MIXING CHIPS

MX.PP	Mixing chip set, polypropylene	0020103092	\$ 49.00
MX.PVDF	Mixing chip set, polyvinylidene difluoride	0020103093	\$ 107.00

OTHER ACCESSORIES

Heating Block	Heating block for up to four disc reactors	0020103369	\$ 180.00
Capillary Set	Capillary set, 4 pcs.	0020103091	\$ 196.00



CDR.PP narrow



CDR.PVDF standard



MX.PP



MX.PVDF



Heating Block



Capillary Set

Almost everything about this mixing expert is new. 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.

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 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

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

TWISTER SET 1

\$ 478.00
Ident. No. 0020027010



TWISTER SET 2

\$ 898.00
Ident. No. 0020027388



TWISTER SET 3

\$ 1,316.00
Ident. No. 0020027389



TWISTER SET 4

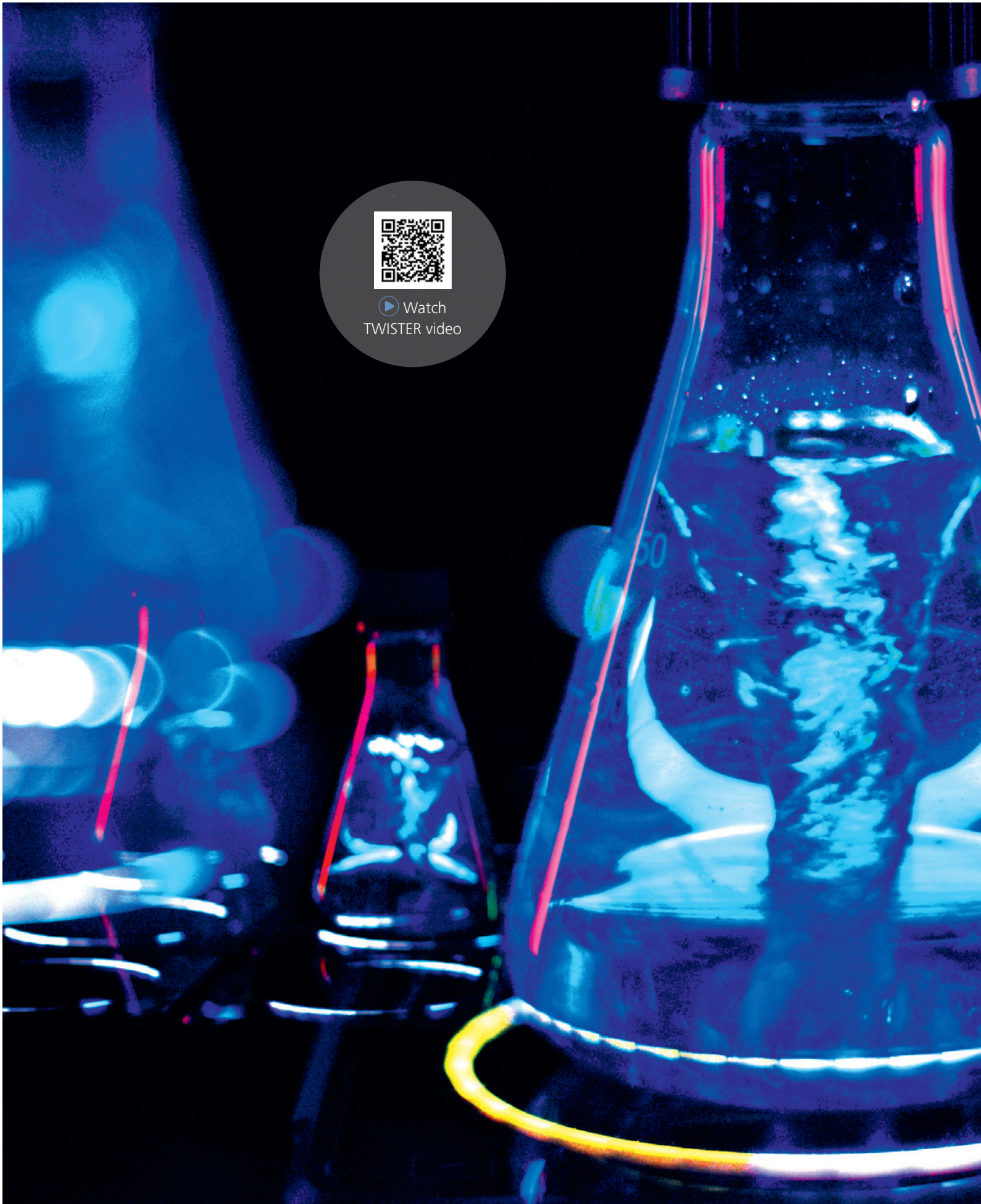
\$ 1,736.00
Ident. No. 0020027390



TECHNICAL DATA	TWISTER SET 1	TWISTER SET 2	TWISTER SET 3	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
TWISTER ACCESSORIES			
TWISTER Add-on unit	Magnetic stirrer, without power supply	0020112621	\$ 430.00
TW.IX	Stirring attachment, 9 positions	0020103426	\$ 335.00
TW.VX	Shaking attachment	0020110145	\$ 268.00
TW.IX.28	Vessel holder for jars (28 mm)	0020112966	\$ 66.50
TW.IX 23	Vessel holder for jars (23 mm)	0020112965	\$ 66.50
STICKMAX II	Universelle Haftmatte for TWISTER	0020112736	\$ 48.00
TW.IX.ANTISLIP	Anti-slip mat for TW.IX	0020111461	\$ 13.50
UNIVERSAL ATTACHMENTS AND BASIC HOLDERS			
MS 3.3	Universal attachment	0003426600	\$ 79.50
TUBE INSERTS			
MS 3.1	Standard attachment	0003426300	\$ 79.50
MS 1.21	One-hand insert	L001540	\$ 40.50
MS 1.30	Attachment for 0.5 ml tubes	0025005776	\$ 68.00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	\$ 74.50
MS 1.32	Test tube insert, 6 x Ø12 mm	L001850	\$ 51.50
MS 1.33	Test tube insert, 4 x Ø16 mm	L001860	\$ 49.50
MS 1.34	Test tube insert	L001830	\$ 42.50
MICROTITER PLATE AND PCR ATTACHMENTS			
MS 3.4	Microtiter plate attachment	0003426400	\$ 106.00
MS 3.5	PCR plate attachment, 96-well	0003428000	\$ 282.00
STIRRING BARS, PTFE COATED, POWER			
IKAFLON 10 power ellipse	Magnetic stirring bar, ellipse, rare earth, 6 x 10 mm, 5 pcs.	0020110607	\$ 33.00
IKAFLON 15 power ellipse	Magnetic stirring bar, ellipse, rare earth, 10 x 15 mm, 5 pcs.	0020110747	\$ 44.50
IKAFLON 25 power ellipse	Magnetic stirring bar, ellipse, rare earth, 14 x 25 mm, 5 pcs.	0020110748	\$ 62.00
POWER SUPPLY AND DATA CABLES			
TW.PWR.0	Power supply incl. device plug (≤ 2 devices)	0020121797	\$ 83.00
TW.PWR.1	Power supply ≤ 4 devices	0025005565	\$ 66.50
TW.PWR.2	Power supply ≤ 4 units	0020116436	\$ 143.00
TW.CABLE	Extension cable 0.5 m	0020025856	\$ 46.50



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

\$ 1,225.00
Ident. No. 0025006052



IKA Plate (RCT digital)

\$ 1,307.00
Ident. No. 0025005389



RCT basic ready-to-go
Solution

\$ 1,310.00
Ident. No. 0010012117

RCT basic ETS-D5
Solution

\$ 1,396.00
Ident. No. 0010012113

RCT basic Synthesis
Solution 250

\$ 1,541.00
Ident. No. 0010012115

RCT basic Synthesis
Solution 500

\$ 1,569.00
Ident. No. 0010012114

RCT basic Synthesis
Solution 1000

\$ 1,635.00
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
\$ 1,525.00
Ident. No. 0020002705

850 W
Power

C-MAG HS 7 control
\$ 1,257.00
Ident. No. 0020002695



① C-MAG HS 4 digital
\$ 867.00
Ident. No. 0004240201

② C-MAG HS 7 digital
\$ 929.00
Ident. No. 0003487001

③ C-MAG HS 10 digital
\$ 1,359.00
Ident. No. 0004240401



① C-MAG HS 4
\$ 851.00
Ident. No. 0003581001

② C-MAG HS 7
\$ 884.00
Ident. No. 0003581201

③ C-MAG HS 10
\$ 1,084.00
Ident. No. 0003581401



- C-MAG HS 7 Package \$ 1,216.00
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

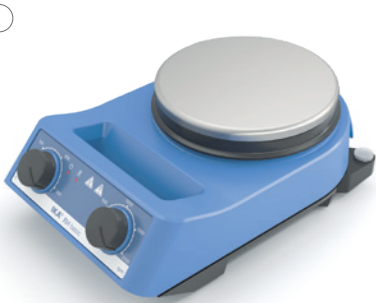
RET basic
\$ 1,539.00
Ident. No. 0003622001



① RH basic
\$ 666.00
Ident. No. 0005019701

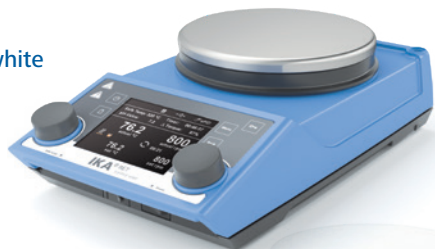
② RH basic white
\$ 694.00
Ident. No. 0005029701

③ RH basic 2
\$ 817.00
Ident. No. 0003339001



① RET control-visc
\$ 1,603.00
Ident. No. 0005020001

② RET control-visc white
\$ 1,622.00
Ident. No. 0005030001



① RH digital
\$ 747.00
Ident. No. 0005019801

② RH digital white
\$ 774.00
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

/// MULTI-POSITION MAGNETIC STIRRER

① **RO 5**
\$ 2,261.00
Ident. No. 0003690500

② **RO 10**
\$ 2,786.00
Ident. No. 0003691000

③ **RO 15**
\$ 3,311.00
Ident. No. 0003692500

Adjustable reverse operation



① **RT 5**
\$ 3,244.00
Ident. No. 0003690601

② **RT 10**
\$ 3,822.00
Ident. No. 0003691101

③ **RT 15**
\$ 4,589.00
Ident. No. 0003692601

Multi-position hotplate stirrer, for synchronous heating and stirring



/// INDUSTRIAL MAGNETIC STIRRER

① **Midi MR 1 digital**
\$ 4,131.00
Ident. No. 0025002970

② **Maxi MR 1 digital**
\$ 5,962.00
Ident. No. 0025002981



I-MAG
Industrial magnetic stirrer
\$ 5,874.00
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

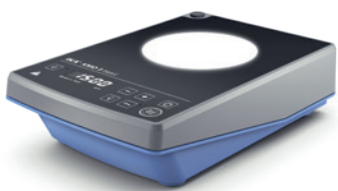
① **topolino**
\$ 130.00
Ident. No. 0003368000

② **topolino mobil**
\$ 368.00
Ident. No. 0003381300

③ **Mini MR standard**
\$ 557.00
Ident. No. 0025004132



KMO 3 basic
\$ 964.00
Ident. No. 0020004631



Illuminated, flat stirring plate

IKA myPlate
£ 379.00
Ident. No. 0025005156



Design the set-up plate yourself

① **lab disc white**
\$ 499.00
Ident. No. 0003907500

② **color squid white**
\$ 527.00
Ident. No. 0003671000

③ **big squid white**
\$ 604.00
Ident. No. 0003672000



① **C-MAG MS 4**
\$ 727.00
Ident. No. 0003582201

② **C-MAG MS 7**
\$ 755.00
Ident. No. 0003582401

③ **C-MAG MS 10**
\$ 1,009.00
Ident. No. 0003582601



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	\$ 287.00
PT 1000.80	0004443000	\$ 272.00
PT 100.70	0020000440	\$ 95.00
Glass-coated		
PT 1000.70	0003736000	\$ 386.00
PT 100.51	0002600300	\$ 372.00
SafeCoat (PFA, PTFE)		
PT 1000.90	0004480600	\$ 311.00
PT 100.53	0004499700	\$ 565.00
Dual		
PT 1000.50	0003367600	\$ 593.00
PT 1000.51	0003377700	\$ 603.00

ELECTRONIC CONTACT THERMOMETERS		
ETS-D5	0003378000	\$ 337.00
ETS-D6	0003378100	\$ 824.00

SENSORS FOR ETS-D5 / ETS-D6		
H 62.51	0002735451	\$ 293.00
H 66.51, glass coated	0002735551	\$ 363.00
H 66.53, coated	0004499900	\$ 478.00
H 70, extension cable	0002735600	\$ 190.00



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

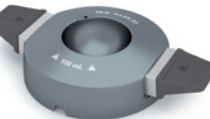




Square carrier with handle:
H 135.11



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	\$ 213.00
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	\$ 363.00
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	\$ 103.00
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	\$ 109.00
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	\$ 110.00
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	\$ 99.00
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	\$ 109.00
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	\$ 124.00
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	\$ 100.00
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	\$ 116.00

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	\$ 198.00
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	\$ 213.00
H 135.201 Flask inlay 10 ml	–	33.8 mm	0025000636	\$ 88.00
H 135.202 Flask inlay 25 ml	–	43.8 mm	0025000637	\$ 88.00
H 135.203 Flask inlay 50 ml	–	52.8 mm	0025000638	\$ 88.00

250 ML FLASK HEATING BLOCK SERIES				
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	\$ 253.00
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	\$ 360.00

500 ML FLASK HEATING BLOCK SERIES				
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	\$ 213.00
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	\$ 239.00
H 135.301 Flask inlay 100 ml	–	66.3 mm	0025000641	\$ 128.00
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	\$ 128.00

1000 ML FLASK HEATING BLOCK SERIES				
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	–	0025000833	\$ 306.00
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	–	0004448500	\$ 346.00
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	\$ 219.00

2000 ML FLASK HEATING BLOCK SERIES				
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	–	0025000834	\$ 370.00
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	–	0004448600	\$ 425.00
H 135.501 Flask inlay 1000 ml	–	131.8 mm	0025000645	\$ 322.00

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	\$ 27.00	10 cross (5 pcs.)	10 × 10 mm	0004496200	\$ 40.50
15 round (5 pcs.)	15 × 6 mm	0004488700	\$ 27.00	20 cross (5 pcs.)	20 × 20 mm	0004496400	\$ 53.00
20 round (5 pcs.)	20 × 8 mm	0004488800	\$ 27.00	25 cross (5 pcs.)	25 × 25 mm	0004496600	\$ 51.50
25 round (5 pcs.)	25 × 8 mm	0004488900	\$ 37.50	30 cross (5 pcs.)	30 × 30 mm	0004496800	\$ 74.50
30 round (5 pcs.)	30 × 8 mm	0004489000	\$ 33.00	38 cross (5 pcs.)	38 × 38 mm	0004497000	\$ 83.50
40 round (5 pcs.)	40 × 8 mm	0004489100	\$ 39.50	IKAFLON® BONE PTFE-COATED			
50 round (5 pcs.)	50 × 8 mm	0004489200	\$ 42.50	37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	\$ 117.00
80 round (5 pcs.)	80 × 10 mm	0004489300	\$ 99.00	54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	\$ 145.00
110 round (1 pc.)	108 × 27 mm	0000793300	\$ 125.00	IKAFLON® BEAKER PTFE-COATED			
155 round (1 pc.)	153 × 27 mm	0001129000	\$ 130.00	74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	\$ 672.00

IKAFLON® ROUND GLASS-COATED			
25 round (5 pcs.)	25 × 6 mm	0004492200	\$ 78.50
40 round (5 pcs.)	40 × 8 mm	0004492600	\$ 84.50
50 round (5 pcs.)	50 × 8 mm	0004492800	\$ 55.00

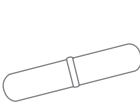
IKAFLON® SLIDE ROUND			
25 slide (5 pcs.)	25 × 6 mm	0004493800	\$ 33.00
30 slide (5 pcs.)	30 × 6 mm	0004494000	\$ 33.00
40 slide (5 pcs.)	40 × 8 mm	0004494200	\$ 47.50
50 slide (5 pcs.)	50 × 8 mm	0004494400	\$ 60.00

IKAFLON® POWER			
20 power (5 pcs.)	20 × 6 mm	0004493000	\$ 66.00
30 power (5 pcs.)	30 × 6 mm	0004493200	\$ 89.00
50 power (5 pcs.)	50 × 8 mm	0004493400	\$ 111.00

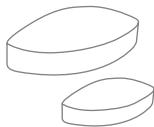
IKAFLON® ELLIPSE PTFE-COATED			
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	\$ 42.50
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	\$ 47.50
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	\$ 60.00
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	\$ 85.50
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	\$ 96.00
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	\$ 134.00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	\$ 231.00

SET OF MAGNETIC STIRRING BARS			
RS 1		0001358600	\$ 452.00
RS 2		0004499100	\$ 474.00

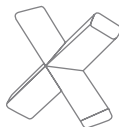
STIRRING BAR REMOVER			
RSE	Stirring bar remover	0001293100	\$ 167.00



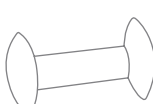
IKAFLON® round
PTFE-coated



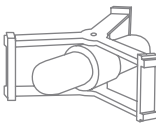
IKAFLON® ellipse
PTFE-coated



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	\$ 915.00
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COVERS

H 102	Cover for RH basic	0004281600	\$ 71.00
H 103	Cover for RH digital	0004299100	\$ 71.00
H 100	Cover for RET basic	0003661000	\$ 67.00
H 104	Cover for RET control-visc	0004209500	\$ 70.00
H 105	Cover for RCT basic and digital	0025008136	\$ 70.00

MAINS CABLES

H 11	Mains cable Euro plug	0001091500	\$ 60.00
H 11	Mains cable USA plug	0003564500	\$ 60.00
H 11	Mains cable UK plug	0002410700	\$ 60.00
H 11	Mains cable CH plug	0001091600	\$ 60.00
H 11	Mains cable IN plug	0003923600	\$ 60.00

PLASTIC BATH FOR MAGNETIC STIRRER RO 15

IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	\$ 2,684.00
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LABLIFT

LABLIFT m	Up to 25 kg (max. static load)	0004022400	\$ 332.00
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IKA PLATE ADAPTER

IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	\$ 366.00
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BEAKER CAP

BC 1000	Beaker cap	0020003417	\$ 39.50
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LABORATORY SOFTWARE
labworldsoft® 6 Starter

\$ 5,764.00
Ident. No. 0020019397

labworldsoft® 6 Pro

\$ 13,153.00
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	\$ 499.00
H 30	Oil bath attachment, 1.5 l	0002829500	\$ 534.00

BEAKERS, STAINLESS STEEL

H 1000	Beaker, stainless steel, 1 l	0004444401	\$ 753.00
H 1500	Beaker, stainless steel, 1.5 l	0004444501	\$ 598.00
H 3000	Beaker, stainless steel, 3 l	0004444503	\$ 731.00
H 5000	Beaker, stainless steel, 5 l	0004444505	\$ 903.00

HEATING JACKETS

HG 600	Heating jacket for beaker 600 ml	0020003416	\$ 299.00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	\$ 373.00

HOLDERS

H 16 V	Support rod	0001545100	\$ 68.00
H 16.3	Extension for support rod	0025000622	\$ 64.00
H 44	Boss head clamp	0002437700	\$ 51.50
H 38	Holding rod	0003547700	\$ 42.50

ACCESSORIES FOR I-MAG

IKAFLON 90 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 90 x 30 mm, 1 pc.	0020102963	\$ 212.00
IKAFLON 140 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 140 x 30 mm, 1 pc.	0020110382	\$ 424.00
IKAFLON 118 float	Magnetic stirring drive, PPS round, Ø 118 mm, 1 pc.	0020100638	\$ 987.00
RSE XL	Stirring bar remover for I-MAG	0020100641	\$ 830.00
I-MAG SP 150	Platform extension for I-MAG, for barrels up to 150 liters	0020102994	\$ 536.00
I-MAG SP 300	Platform extension for I-MAG, for barrels up to 300 liters	0020102996	\$ 1,350.00
I-MAG cart	Transport trolley and platform for I-MAG, for barrels up to 300 liters	0025008091	\$ 804.00
I-MAG BR	Bracket for stand rod I-MAG	0020110383	\$ 69.50
I-MAG UHC	Universal holder for I-MAG controller	0020110381	\$ 234.00
I-MAG EXT 3	Extension cable for I-MAG, 3 m	0020115558	\$ 341.00
H 28 V	Support rod for I-MAG	0020119439	on request

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

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

\$ 1,364.00

Ident. No. 0025004356



MICROSTAR 7.5 digital

\$ 1,381.00

Ident. No. 0025004715



MICROSTAR 7.5 control

\$ 1,893.00

Ident. No. 0025005282



Speed range: 50 – 2000 rpm

MICROSTAR 15 digital

\$ 1,486.00

Ident. No. 0025004883



MICROSTAR 15 control

\$ 2,051.00

Ident. No. 0025005285



MICROSTAR 30 digital

\$ 1,554.00

Ident. No. 0025004884



MICROSTAR 30 control

\$ 2,189.00

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

/// COMPACT OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

MINISTAR 20 digital

\$ 1,486.00

Ident. No. 0025006561



MINISTAR 20 control

\$ 2,346.00

Ident. No. 0025005074



MINISTAR 40 digital

\$ 1,658.00

Ident. No. 0025006569



MINISTAR 40 control

\$ 2,503.00

Ident. No. 0025005078



MINISTAR 80 digital

\$ 1,830.00

Ident. No. 0025006577



MINISTAR 80 control

\$ 2,661.00

Ident. No. 0025005082



+

Vibration sensor included

TECHNICAL DATA	MINISTAR 20 DIGITAL CONTROL	MINISTAR 40 DIGITAL CONTROL	MINISTAR 80 DIGITAL CONTROL
Stirring quantity max. (H ₂ O)	15 l	25 l	50 l
Speed range	0 / 50 – 2000 rpm	0 / 50 – 1000 rpm 0 / 30 – 1000 rpm	0 / 50 – 500 rpm 0 / 30 – 500 rpm
Viscosity max.	10 000 mPas	30 000 mPas	60 000 mPas
Torque max. at stirring shaft	20 Ncm	40 Ncm	80 Ncm
Temperature measuring range	– -10 – 350 °C	– -10 – 350 °C	– -10 – 350 °C
Torque measurement	– Trend	– Trend	– Trend
Chuck range diameter	0.5 – 8.2 mm	0.5 – 8.2 mm	0.5 – 8.2 mm
Display	LED LCD	LED LCD	LED LCD
Dimensions (W × H × D)	70 × 193 × 147 mm 70 × 193 × 154 mm	70 × 193 × 147 mm 70 × 193 × 154 mm	70 × 193 × 147 mm 70 × 193 × 154 mm
Protection class according to DIN EN 60529	IP 54	IP 54	IP 54



Power package:
80 Ncm

/// OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

EUROSTAR 20 digital

\$ 1,898.00

Ident. No. 0004442001



EUROSTAR 40 digital

\$ 2,116.00

Ident. No. 0004444001



EUROSTAR 60 digital

\$ 2,376.00

Ident. No. 0004446001



EUROSTAR 60 control

\$ 2,705.00

Ident. No. 0004440001



Quiet operation with brushless DC motor

/// POWERFUL OVERHEAD STIRRERS FOR UNIVERSAL STIRRING TASKS

EUROSTAR 100 digital

\$ 4,123.00

Ident. No. 0004238101



EUROSTAR 100 control

\$ 4,585.00

Ident. No. 0004028501



EUROSTAR 200 digital

\$ 5,298.00

Ident. No. 0003990001



EUROSTAR 200 control

\$ 5,504.00

Ident. No. 0003992001



Left-right interval rotation

TECHNICAL DATA	EUROSTAR 20 DIGITAL 40 DIGITAL	EUROSTAR 60 DIGITAL CONTROL	EUROSTAR 100 DIGITAL CONTROL	EUROSTAR 200 DIGITAL CONTROL
Stirring quantity max. (H ₂ O)	15 l 25 l	40 l	100 l	100 l
Speed range	0 / 30 – 2000 rpm	0 / 30 – 2000 rpm	0 / 30 – 1300 rpm	I: 0 / 6 – 400 rpm II: 30 – 2000 rpm
Viscosity max.	10 000 l 30 000 mPas	50 000 mPas	70 000 mPas	100 000 mPas
Torque max. at stirring shaft	20 Ncm 40 Ncm	60 Ncm	100 Ncm	I: 200 Ncm II: 40 Ncm
Chuck range diameter	0.5 – 10 mm	0.5 – 10 mm	0.5 – 10 mm	0.5 – 10 mm
Display	LED	LED TFT	LED TFT	LED TFT
Temperature measuring range	– –	– -10 – 350 °C	– -10 – 350 °C	– -10 – 350 °C
Dimensions (W × H × D)	86 × 248 × 208 mm	86 × 248 × 208 mm 86 × 267 × 230 mm	86 × 248 × 208 mm 86 × 267 × 230 mm	91 × 274 × 209 mm 91 × 297 × 231 mm
Protection class according to DIN EN 60529	IP 42	IP 42 IP 40	IP 42 IP 40	IP 42 IP 40

/// PILOT SCALE OVERHEAD STIRRERS

EUROSTAR 400 digital

\$ 6,272.00

Ident. No. 0025000750

EUROSTAR 400 control

\$ 7,178.00

Ident. No. 0025000757



/// HIGH SPEED OVERHEAD STIRRERS

EUROSTAR 20 high speed digital

\$ 3,062.00

Ident. No. 0004028601

EUROSTAR 20 high speed control

\$ 4,448.00

Ident. No. 0025001463



/// ULTRA HIGH TORQUE OVERHEAD STIRRERS

EUROSTAR 100 P4 control

\$ 6,497.00

Ident. No. 0025004504



EUROSTAR 200 P4 control

\$ 6,623.00

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

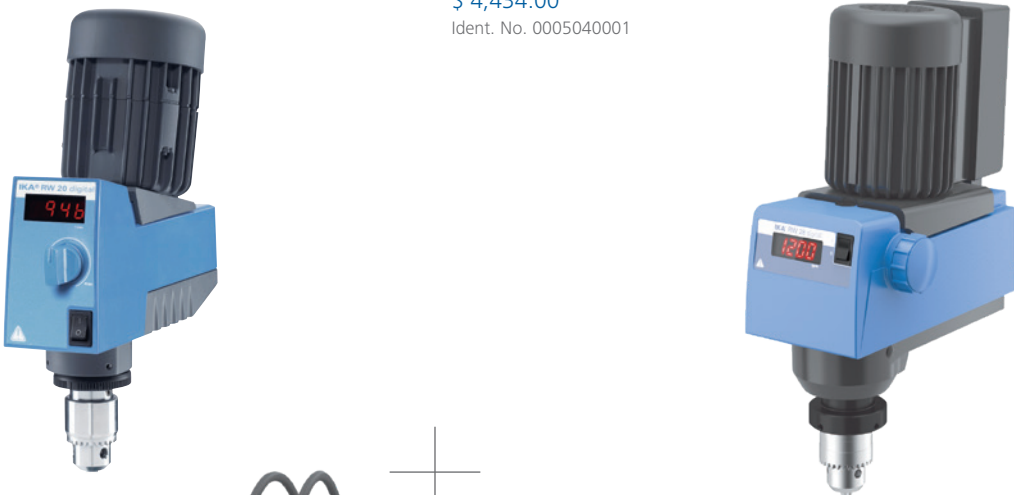
\$ 1,345.00

Ident. No. 0003593001

RW 28 digital

\$ 4,434.00

Ident. No. 0005040001



/// PILOT SCALE OVERHEAD STIRRER

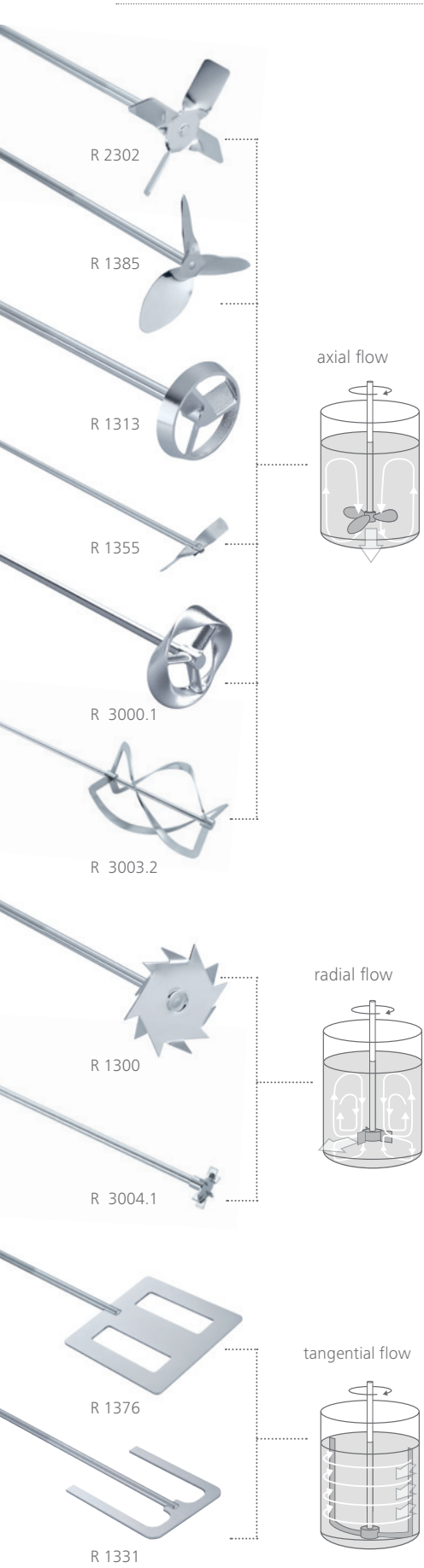
RW 47 digital

\$ 7,988.00

Ident. No. 0004050010



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

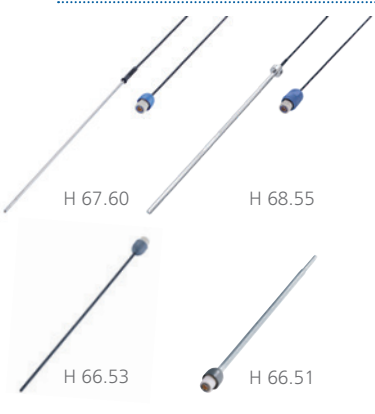


Product	Shaft length Shaft diameter Stirrer diameter	Max. speed	Ident. No.	Price
PROPELLER STIRRERS, 4-BLADED				
R 1342	350 8 50 mm	≤ 2000 rpm	0000741000	\$ 321.00
R 1345	550 8 100 mm	≤ 800 rpm	0000741300	\$ 369.00
R 2302	800 13 150 mm	≤ 600 rpm	0000739000	\$ 1,530.00
PROPELLER STIRRERS, 3-BLADED				
R 1381	350 8 45 mm	≤ 2000 rpm	0001296000	\$ 350.00
R 1382	350 8 55 mm	≤ 2000 rpm	0001295900	\$ 350.00
R 1385	550 10 140 mm	≤ 800 rpm	0000477700	\$ 367.00
R 1388	800 10 140 mm	≤ 400 rpm	0000477800	\$ 1,007.00
R 1389*	350 8 75 mm	≤ 800 rpm	0002343600	\$ 1,418.00
TURBINE STIRRERS				
R 1311	350 8 30 mm	≤ 2000 rpm	0002332900	\$ 475.00
R 1312	350 8 50 mm	≤ 2000 rpm	0002333000	\$ 601.00
R 1313	400 10 70 mm	≤ 800 rpm	0002333100	\$ 776.00
CENTRIFUGAL STIRRERS				
R 1352	350 8 60/15 mm	≤ 2000 rpm	0000756900	\$ 441.00
R 1355	550 8 100/24 mm	≤ 800 rpm	0001132700	\$ 568.00
DISSOLVER STIRRERS				
R 1300	350 8 80 mm	≤ 2000 rpm	0000513500	\$ 604.00
R 1302	350 10 100 mm	≤ 1000 rpm	0002387900	\$ 975.00
R 1303	350 8 40 mm	≤ 2000 rpm	0002746700	\$ 828.00
PADDLE STIRRERS				
R 1375	550 8 70 mm	≤ 800 rpm	0000757700	\$ 474.00
R 1376	550 10 150 mm	≤ 800 rpm	0000757800	\$ 991.00
R 2311	800 13 150 mm	≤ 600 rpm	0000739500	\$ 1,150.00
ANCHOR STIRRERS				
R 1330	350 8 45 mm	≤ 1000 rpm	0002022300	\$ 470.00
R 1331	350 8 90 mm	≤ 1000 rpm	0002022400	\$ 524.00
R 1333	550 10 150 mm	≤ 800 rpm	0002747400	\$ 1,029.00
MOEBIUS STIRRERS				
R 3000.1	565 10 100 mm	≤ 800 rpm	0020001192	\$ 711.00
R 3001.1	575 10 100 mm	≤ 800 rpm	0020001195	\$ 726.00
SPIRAL STIRRERS				
R 3003	350 8 50 mm	≤ 800 rpm	0020001203	\$ 608.00
R 3003.1	550 10 100 mm	≤ 800 rpm	0020001204	\$ 694.00
R 3003.2	800 10 150 mm	≤ 800 rpm	0020001205	\$ 1,013.00
BLADE STIRRERS				
R 3004	359 8 30 mm	≤ 1000 rpm	0020001206	\$ 528.00
R 3004.1	565 10 50 mm	≤ 1000 rpm	0020001207	\$ 710.00
R 3004.2	819 10 70 mm	≤ 1000 rpm	0020001208	\$ 957.00
PADDLE STIRRERS SCREW-TYPE STIRRERS				
R 1001	160 4 34 mm	2000 rpm	0000527400	\$ 741.00
R 1002	140 4 12 mm	2000 rpm	0000527500	\$ 329.00

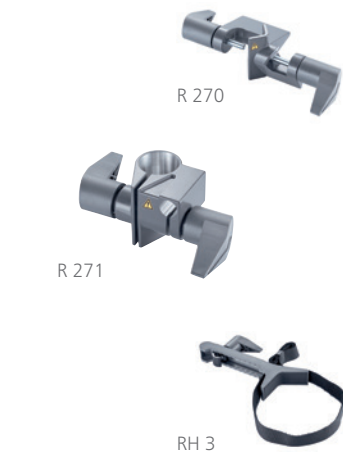
* (PTFE-coated)

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

++ IKA recommended | + Installable | - Not compatible



IKA [scale]



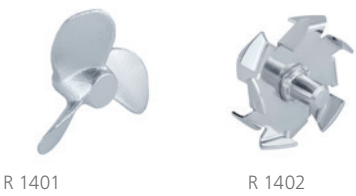
Product	Ident. No.	Price	NANOSTAR digital	MICRO-STARs digital control	MINISTARS digital control
TEMPERATURE SENSORS					
H 67.60 stainless steel	0025006664	\$ 105.00	–	control	control
H 67.61 stainless steel	0025007920	\$ 436.00	–	control	control
H 68.55 stainless steel	0025007921	\$ 472.00	–	control	control
H 70 extension cable	0002735600	\$ 190.00	–	control	control
SENSORS IN COMBINATION WITH H 70					
H 62.51 stainless steel	0002735451	\$ 293.00	–	control	control
H 66.51 glass-coated	0002735551	\$ 363.00	–	control	control
H 66.53 coated	0004499900	\$ 478.00	–	control	control
STANDS					
Plate stands					
IKA [scale]	0025004318	\$ 1,413.00	++	++	++
R 1825	0003160000	\$ 285.00	++	++	++
R 1826	0003160100	\$ 321.00	++	++	++
R 1827	0003160200	\$ 332.00	++	++	++
H-stand					
R 2722	0001412000	\$ 643.00	–	++	++
Telescopic stands					
R 2723	0001412100	\$ 701.00	–	++	++
R 474	0001643000	\$ 2,364.00	–	–	–
Floor stands					
R 472	0000738700	\$ 8,343.00	–	–	–
R 2850	0020002900	\$ 3,884.00	–	–	–
R 6547 H	0020018533	on request	–	–	–
R 6547 E 400V	0020018673	on request	–	–	–

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

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

++ IKA recommended | + Installable | – Not compatible





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	\$ 706.00
R 1405	Propeller, Ø 45 mm	0001289800	\$ 568.00
R 1402	Dissolver, Ø 42 mm	0001243300	\$ 817.00
ACCESSORIES FOR PROTECTION AND SAFETY			
R 301	Stirring shaft protection	0002603000	\$ 373.00
R 301.1	Support holder for R 301	0002604000	\$ 454.00
R 303	Stirring shaft protection	0030000257	\$ 969.00
SI 400	Safety switch	0003294800	\$ 2,265.00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	\$ 2,226.00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	\$ 533.00
FURTHER ACCESSORIES			
WH 11	Wall mount for WiCo	0025001500	\$ 56.00
FK 1	Flexible coupling	0002336000	\$ 553.00
R 60	Keyless chuck	0003889500	\$ 196.00
R 60.1	Keyless chuck	0025007821	\$ 196.00

LABORATORY SOFTWARE

labworldsoft® 6 Starter

\$ 5,764.00

Ident. No. 0020019397

labworldsoft® 6 Advanced

\$ 10,043.00

Ident. No. 0020105873

labworldsoft® 6 Pro

\$ 13,153.00

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, Eppen-dorf 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

\$ 2,140.00

Ident. No. 0020025539



1 **MATRIX Orbital Δ FP**

\$ 2,897.00

Ident. No. 0020025678

2 **MATRIX Orbital Δ F0.5**

\$ 2,897.00

Ident. No. 0020025648

3 **MATRIX Orbital Δ F1.5**

\$ 2,897.00

Ident. No. 0030000750

4 **MATRIX Orbital Δ F2.0**

\$ 2,897.00

Ident. No. 0030000753



TECHNICAL DATA

	MATRIX ORBITAL	MATRIX ORBITAL Δ FP F0.5 F1.5 F2.0
Type of movement	Orbital	Orbital
Speed range	300 – 3000 rpm	FP F0.5: 300 – 2000 rpm F1.5 F2.0: 300 – 1500 rpm
Shaking stroke	3 mm	3 mm
Heating range	–	RT + 4 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W 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+

\$ 2,718.17
Ident. No. 0010007272

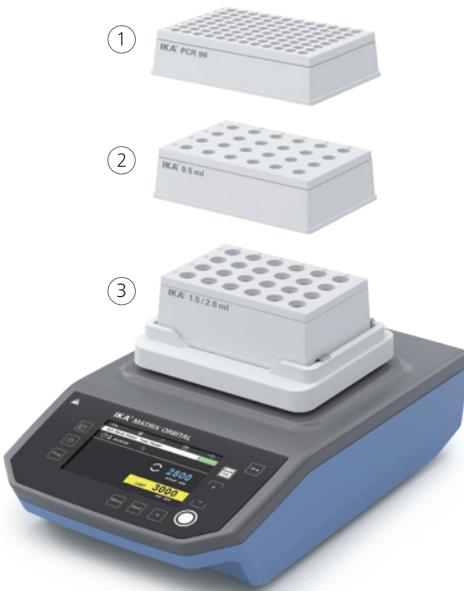


MATRIX Orbital Δ+

\$ 4,029.36
Ident. No. 0010007274



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	\$ 128.00
(B) MX thermocover	Cover, heatable	0030001244	\$ 598.00
(C) MX 50.0 ml	Attachment for vials, 4 × 50 ml vials	0030000863	\$ 598.00
(D) MX 15.0 ml	Attachment for vials, 8 × 15 ml vials	0030000821	\$ 640.00
(E) MX 5.0 ml	Attachment for vials, 8 × 5 ml vials	0030000859	\$ 640.00
(F) MX 2.0 ml	Attachment for vials, 24 × 2.0 ml vials	0030000834	\$ 598.00
(G) MX 1.5 ml	Attachment for vials, 24 × 1.5 ml vials	0030000829	\$ 598.00
(H) MX 12.0 mm	Attachment for vials, 24 × 12 mm vials	0030000844	\$ 640.00
(I) MX cryo	Attachment for vials, 24 × cryo vials	0030000848	\$ 640.00
(J) MX 0.5 ml	Attachment for vials, 24 × 0.5 ml vials	0030000840	\$ 640.00
(K) MX PCR 96	Attachment for 96 PCR plates	0030000853	\$ 718.00
(L) MX PCR 384	Attachment for 384 PCR plates	0030000857	\$ 769.00
(M) MX carrier	Attachment for microtiter plates	0030000849	\$ 718.00
(3) MX insert 1.5/2.0 ml	Insert for 1.5 / 2.0 ml vials	0030001158	\$ 61.00
(2) MX insert 0.5 ml	Insert for 0.5 ml vials	0030001157	\$ 61.00
(1) MX insert PCR 96	Insert for 0.2 ml PCR vials	0030001159	\$ 61.00



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**
\$ 7,756.00
Ident. No. 0003940001

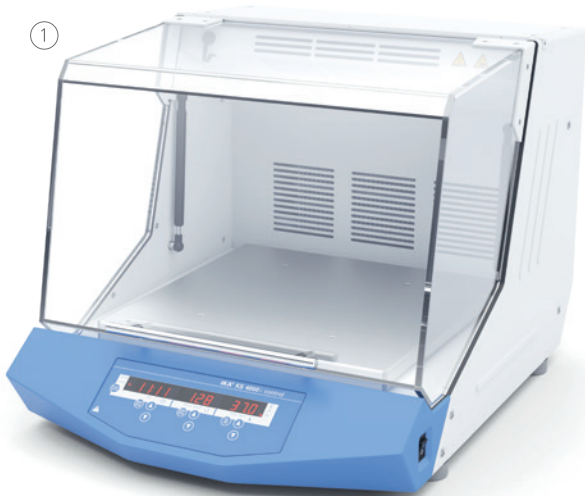
② **KS 3000 ic control**
\$ 9,697.00
Ident. No. 0003940101



KS 3000 ic with built-in cooling coil

① **KS 4000 i control**
\$ 9,256.00
Ident. No. 0003510001

② **KS 4000 ic control**
\$ 11,197.00
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**
\$ 1,186.00
Ident. No. 0004002000

② **ROCKER 2D digital**
\$ 1,355.00
Ident. No. 0004003000



① **ROCKER 3D basic**
\$ 1,457.00
Ident. No. 0004000000

② **ROCKER 3D digital**
\$ 1,581.00
Ident. No. 0004001000



① **ROLLER 6 basic**
\$ 2,381.00
Ident. No. 0004010000

② **ROLLER 6 digital**
\$ 2,764.00
Ident. No. 0004011000



① **ROLLER 10 basic**
\$ 2,819.00
Ident. No. 0004012000

② **ROLLER 10 digital**
\$ 3,305.00
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

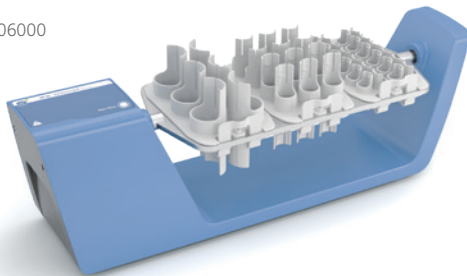
① **Loopster basic**
\$ 1,138.00
Ident. No. 0004015000

② **Loopster digital**
\$ 1,325.00
Ident. No. 0004016000



① **Trayster basic**
\$ 1,227.00
Ident. No. 0004005000

② **Trayster digital**
\$ 1,357.00
Ident. No. 0004006000



① **Hula Dancer basic**
\$ 532.00
Ident. No. 0025004320

② **Hula Dancer digital**
\$ 632.00
Ident. No. 0025003634



① **MS 3 basic**
\$ 801.00
Ident. No. 0003617000

② **MS 3 digital**
\$ 903.00
Ident. No. 0003319000

③ **MS 3 control**
\$ 947.00
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

\$ 482.00
Ident. No. 0025001607



VORTEX 3

\$ 748.00
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

\$ 368.00
Ident. No. 0004047700



VXR basic Vibrax®

\$ 1,659.00
Ident. No. 0002819001



MTS 2/4 digital

\$ 2,341.00
Ident. No. 0003208001

For shaking two or four microtiter plates



lab dancer

\$ 247.00
Ident. No. 0003365000



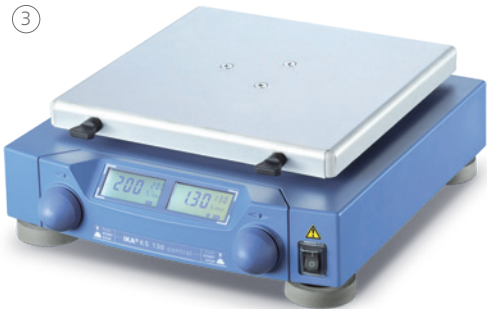
TECHNICAL DATA	VORTEX 1	VXR BASIC VIBRAX®	MTS 2/4 DIGITAL	LAB DANCER
Type of movement	Orbital	Orbital	Orbital	Orbital
Speed range	1000 – 2800 rpm	100 – 2200 rpm	50 – 1100 rpm	2800 rpm
Timer	–	–	Yes	–
Speed display	–	Scale	Scale	–
Operating mode	Touch operation	Continuous operation	Timer and continuous 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
\$ 2,431.00
Ident. No. 0002980001
- ②

KS 130 control
\$ 3,663.00
Ident. No. 0002980101
- ③

KS 130 control NOL
\$ 3,757.00
Ident. No. 0004278201



- ①

KS 260 basic
\$ 3,626.00
Ident. No. 0002980201
- ②

KS 260 control
\$ 4,347.00
Ident. No. 0002980301
- ③

KS 260 control NOL
\$ 4,457.00
Ident. No. 0004278401



BESTSELLER

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

- ①

HS 260 basic
\$ 3,643.00
Ident. No. 0003066601
- ②

HS 260 control
\$ 4,369.00
Ident. No. 0003066701
- ③

HS 260 control NOL
\$ 4,457.00
Ident. No. 0004278601



- ①

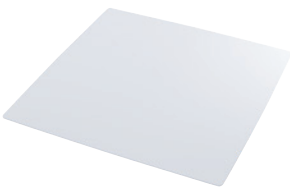
HS 501 digital
\$ 4,819.00
Ident. No. 0025002983
- ②

KS 501 digital
\$ 4,716.00
Ident. No. 0025002986



15 kg permissible
shaking weight

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



RD 1



TB 1



TB 3



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	\$ 142.00
RD 1	Universal mat	0004532000	\$ 28.00
RD 2	Burled mat	0004532100	\$ 35.50
TB 1	Tray, 24 x 5 ml, Ø 12 mm	0004532200	\$ 85.50
TB 2	Tray, 12 x 15 ml, Ø 16 mm	0004532300	\$ 84.50
TB 3	Tray, 10 x 30 ml, Ø 25 mm	0004532400	\$ 84.50
TB 4	Tray, 8 x 30 ml, Ø 28 mm	0004532500	\$ 84.50

ACCESSORIES LOOPSTER			
DS 1	Tube attachment, 48 x 1.5 ml, Ø 10 mm	0004524000	\$ 300.00
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	\$ 300.00
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	\$ 300.00
DS 4	Tube attachment, 2 x 30 ml, Ø 25 mm	0004524300	\$ 300.00
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	\$ 300.00
DS 6	Universal disc	0004524500	\$ 248.00
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	\$ 15.50
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	\$ 15.50
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	\$ 23.00
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	\$ 23.00
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	\$ 23.00

ACCESSORIES TRAYSTER			
TR 1	Tube insert, 24 x 1.5 ml, Ø 10 mm	0004525100	\$ 88.00
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	\$ 88.00
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	\$ 88.00
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	\$ 88.00



Product	Description	Ident. No.	Price
ACCESSORIES MS 3 BASIC DIGITAL CONTROL			
MS 3.1	Standard attachment	0003426300	\$ 79.50
MS 3.3	Universal attachment	0003426600	\$ 79.50
MS 1.21	One-hand insert	L001540	\$ 40.50
MS 1.30	Attachment for 0.5 ml tubes	0025005776	\$ 68.00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	\$ 74.50
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	\$ 51.50
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	\$ 49.50
MS 1.34	Test tube insert	L001830	\$ 42.50
MS 3.4	Microtiter plate attachment	0003426400	\$ 106.00
MS 3.5	PCR plate attachment, 96-well	0003428000	\$ 282.00



ACCESSORIES VORTEX 2 VORTEX 3			
VG 3.1	Standard attachment	0003341201	\$ 42.23
VG 3.2	One-hand attachment	0003342300	\$ 51.50
VG 3.21	Rubber mat	0020008398	\$ 34.00
VG 3.3	Universal attachment, 150 mm	0003342400	\$ 51.50
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	\$ 67.00
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	\$ 129.00
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	\$ 74.50
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	\$ 68.00
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	\$ 68.00
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	\$ 68.00
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	\$ 121.00
VG 3.37	Microtiter plate attachment	0003344400	\$ 61.00



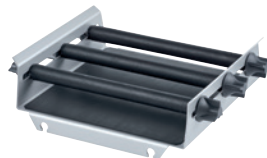
VX 2E.n



VX 2



VX 11.1



AS 130.1



AS 260.3



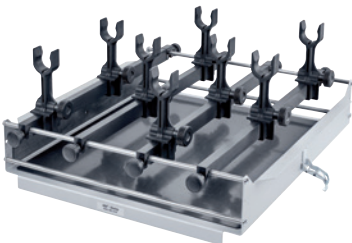
AS 1.10



AS 501.2



AS 501.3



AS 501.6

Product	vDescription	Ident. No.	Price
ACCESSORIES VXR			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	\$ 236.00
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	\$ 1,004.00
VX 2E.n	Eppendorf attachment, 64 × 1.5 ml	0020018016	\$ 1,119.00
VX 7	Dish attachment	0000953300	\$ 730.00
VX 8	Universal attachment	0000910400	\$ 1,662.00
VX 11	Basic holder	0003627700	\$ 490.00
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	\$ 425.00
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	\$ 425.00
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	\$ 362.00
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	\$ 362.00
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	\$ 375.00
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	\$ 303.00
VX 8.1	Clamping roll	0003375400	\$ 158.00

ACCESSORIES KS 130 BASIC CONTROL			
AS 130.1	Universal attachment	0008017300	\$ 387.00
AS 130.2	Fixing clip attachment	0003115000	\$ 203.00
AS 130.3	Dish attachment	0003120000	\$ 127.00
AS 130.4	Test tube attachment	0003120300	\$ 383.00

ACCESSORIES KS HS 260 BASIC CONTROL AND KS 3000			
AS 260.1	Universal attachment	0008017400	\$ 567.00
AS 260.2	Fixing clip attachment	0003115500	\$ 272.00
AS 260.3	Dish attachment	0003120600	\$ 215.00
AS 260.5	Separating funnel attachment	0003120900	\$ 1,145.00

ACCESSORIES KS HS 501 DIGITAL			
AS 501.1	Universal attachment	0008000200	\$ 2,220.00
AS 501.2	Separating funnel attachment	0008000300	\$ 2,337.00
AS 501.3	Separating funnel attachment	0008000400	\$ 2,210.00
AS 501.4	Fixing clip attachment	0002341100	\$ 2,120.00
AS 501.5	Dish attachment	0002339600	\$ 598.00
AS 501.6	Separating funnel attachment	0008000500	\$ 3,862.00



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	\$ 1,274.00
AS 4000.2	Fixing clip attachment	0003710100	\$ 1,064.00
AS 4000.3	Dish attachment	0003710000	\$ 280.00
AS 1.400	Basic holder for AS 4000.1	0003710200	\$ 730.00
AS 1.401	Clamping roll for AS 4000.1	0003712000	\$ 149.00
AS 1.402	Fastening screw for AS 4000.1	0003712300	\$ 39.50

ACCESSORIES			
AS 1.30	Basic holder for AS 130.1	0003148000	\$ 176.00
AS 1.60	Basic holder for AS 260.1	0003149000	\$ 540.00
AS 1.10	Basic holder for AS 501.1	0002339700	\$ 1,993.00
AS 1.31	Clamping roll for AS 130.1	0003030500	\$ 80.50
AS 1.61	Clamping roll for AS 260.1	0003030501	\$ 58.00
AS 1.11	Clamping roll for AS 501.1	0002339800	\$ 170.00
AS 1.6	Clamping device for AS 501.1	0001268400	\$ 145.00
AS 1.7	Clamping device for AS 501.1	0001269200	\$ 175.00
AS 1.12	Supporting bar for AS 1.10	0002594500	\$ 387.00
AS 1.13	Ground section holder for AS 1.10	0002597000	\$ 366.00
STICKMAX	Universal adhesive mat	0003920000	\$ 186.00
AS 2.0	Fixing clips, 10 ml	0020016475	on request
AS 2.1	Fixing clips, 25 ml	0001234300	\$ 37.50
AS 2.2	Fixing clips, 50 ml	0001234400	\$ 37.50
AS 2.3	Fixing clips, 100 ml	0001234500	\$ 37.50
AS 2.4	Fixing clips, 200 250 ml	0001234600	\$ 68.00
AS 2.5	Fixing clips, 500 ml	0001234700	\$ 68.00
AS 2.6	Fixing clips, 1000 ml	0003819300	\$ 68.00
AS 2.7	Fixing clips, 2000 ml	0020016476	\$ 156.00



STICKMAX

IKA's ULTRA-TURRAX® – used for homogenizing, emulsifying or suspending. The digital display allows you to keep track of the speed and the development of the products focused on a soft start of the motor. There is a broad spectrum of dispersing tools to choose from. Common disperser applications include: homogenization of effluent samples, dispersing tasks under vacuum pressure, and PCR analysis.

T 25 EASY CLEAN DIGITAL AND CONTROL ULTRA-TURRAX®

/// The new dispersing experience

More quiet, clean and even remote controlled: The T 25 easy clean high-performance disperser in the digital and control versions will change your dispersing experience. These instruments hit the spot with electronic speed control from 3000 – 25 000 rpm, a digital timer setting, a working volume of 1 – 2000 ml (water), a long service life both for the drive and tools, as well as a wide range of dispersing tools to choose from. Medical samples are perfectly homogenized, cosmetics emulsified and paints suspended in a short time, due to the high speed and high shear operation.



ELECTRONICALLY COMMUTATED MOTOR

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

EASY CLEANING

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

INTEGRATED TEMPERATURE MEASUREMENT

Yet another highlight is the patented, integrated temperature measurement in the T 25 easy clean control version. The temperature sensor is integrated into the tool and thus enables the permanent monitoring of the medium temperature. Combined with the safety temperature setting, this helps to protect temperature-sensitive samples.

T 18 brushless digital ULTRA-TURRAX®

\$ 2,108.00
Ident. No. 0020103241

Brushless DC motor guarantees dust-free and quieter operation



T 25 easy clean digital ULTRA-TURRAX®

\$ 3,026.00
Ident. No. 0025002561

T 25 easy clean control ULTRA-TURRAX®

\$ 4,177.00
Ident. No. 0025002501



T 65 digital ULTRA-TURRAX®

\$ 11,757.00
Ident. No. 0004234501



UTL 25 digital Inline ULTRA-TURRAX®

\$ 12,180.00
Ident. No. 0010006857



TECHNICAL DATA	T 18 BRUSHLESS DIGITAL	T 25 EASY CLEAN DIGITAL CONTROL	T 65 DIGITAL ULTRA-TURRAX®	UTL 25 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Inline
Speed range	3000 – 25 000 rpm	3000 – 25 000 rpm	1000 – 9500 rpm	3000 – 25 000 rpm
Volume range (H ₂ O)	0.001 – 1.5 l	0.001 – 2.0 l	2 – 50 l	–
Speed control	Stepless	Stepless	Stepless	Stepless
Noise without element	70 dB(A)	70 dB(A)	75 dB(A)	73 dB(A)
Extension arm length	160 mm	160 mm		175 mm
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	–
Dimensions (W x H x D)	89 x 270 x 161 mm	89 x 270 x 161 mm	300 x 420x 400 mm	450 x 120 x 100 mm
Protection class according to DIN EN 60529	IP 30	IP 30	IP 54	IP 54

T 10 basic ULTRA-TURRAX®

\$ 2,043.00

Ident. No. 0003737001



T 18 digital ULTRA-TURRAX®

\$ 1,767.00

Ident. No. 0003720001



T 18 digital ULTRA-TURRAX® Package	\$ 4,205.00 0010002694
T 18 digital ULTRA-TURRAX® Disperser	
S 18 N - 19 G Dispersing tool	
H 38 Holding rod	



T 25 digital ULTRA-TURRAX®

\$ 2,741.00

Ident. No. 0003725001



T 50 digital ULTRA-TURRAX®

\$ 4,714.00

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



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 silicone grease KG - HH = Ball bearing with sliding-ring seals of hard metal and grease 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.



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	\$ 2,456.00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	\$ 2,456.00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	\$ 2,473.00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	\$ 2,300.00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	\$ 2,300.00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	\$ 956.00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	\$ 1,120.00
DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	\$ 1,855.00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	\$ 1,855.00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	\$ 927.00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	\$ 927.00
S 18/25-ET50	Disposable tube	0003452500	\$ 32.00



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	\$ 2,002.00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	\$ 2,002.00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	\$ 2,565.00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	\$ 2,661.00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	\$ 1,991.00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	\$ 2,170.00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	\$ 2,515.00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	\$ 2,827.00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	\$ 2,520.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	\$ 3,020.00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	\$ 2,450.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	\$ 2,957.00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	\$ 2,924.00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	\$ 889.00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	\$ 889.00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	\$ 2,808.00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	\$ 2,829.00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	\$ 2,873.00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	\$ 2,957.00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	\$ 2,927.00
Silentstream	Flow breaker	0003754000	\$ 74.00
S 18/25-ET50	Disposable tube	0003452500	\$ 32.00
TS 25-3	Cleaning tool	0020003013	\$ 257.00
CT.15	Cleaning tube	0020006595	\$ 227.00



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	\$ 2,391.00
S 25 EC - C - 25 G	Dispersing element, Ø 25 mm	0020108997	\$ 2,688.00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	\$ 2,582.00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	\$ 2,609.00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	\$ 2,720.00
S 25 EC - T - C - 18 G	Dispersing element, Ø 18 mm, temperature sensor	0020108998	\$ 2,525.00
S 25 EC - T - C - 25 G	Dispersing element, Ø 25 mm, temperature sensor	0020108999	\$ 2,822.00
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature sensor	0025007398	\$ 2,660.00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	\$ 2,957.00
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	\$ 2,925.00
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	\$ 119.00
WiCo T 25 easy clean control	Wireless remote control	0025006310	\$ 883.00
DISPERSING ELEMENTS FOR T 50 DIGITAL			
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	\$ 5,003.00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	\$ 5,066.00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	\$ 5,912.00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	\$ 5,877.00
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	\$ 5,645.00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	\$ 5,709.00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	\$ 6,115.00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	\$ 6,417.00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	\$ 5,389.00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	\$ 5,453.00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	\$ 6,014.00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	\$ 6,134.00
R 50	Stirring shaft, high speed	0001689300	\$ 2,889.00
R 1405	Propeller, Ø 45 mm	0001289800	\$ 568.00
R 1402	Dissolver, Ø 42 mm	0001243300	\$ 817.00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	\$ 6,957.00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	\$ 7,029.00



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 65 DIGITAL			
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	\$ 8,135.00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	\$ 8,009.00
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	\$ 8,070.00
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0010010765	\$ 4,580.00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0010010767	\$ 4,726.00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0010010768	\$ 4,972.00
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	\$ 4,451.00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	\$ 4,572.00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	\$ 4,726.00
D 60	Dissolver, Ø 60 mm	0020008388	\$ 1,532.00
D 80	Dissolver, Ø 80 mm	0020008389	\$ 2,181.00
INLINE DISPERSER SYSTEM - ACCESSORIES			
DK 25.11	Flow chamber	0002518000	\$ 4,688.00
AD 25	Mounting support for DK 25.11	0002562500	\$ 1,036.00
S 25 KV - 25 G-IL	Dispersing element	0002563000	\$ 3,795.00
S 25 KV - 25 F-IL	Dispersing element	0002830200	\$ 3,795.00

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*

\$ 4,499.00
Ident. No. 0025002644

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

MultiDrive control
MT Package

\$ 4,744.00
Ident. No. 0010007100

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

FOR DRY
SAMPLES



MultiDrive basic*

\$ 3,749.00
Ident. No. 0025002639

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



MultiDrive control
BT Package

\$ 4,744.00
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

\$ 4,326.00
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

\$ 2,264.00
Ident. No. 0025002269



A 11 basic

\$ 2,653.00
Ident. No. 0002900001



M 20

\$ 7,355.00
Ident. No. 0001603603

For dry grinding
of hard and brittle
substances



MF 10 basic

\$ 4,889.00
Ident. No. 0002836001



Two different
grinding heads can
be attached to the
drive, see page 87

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	\$ 787.00
BL 2000-T	Blender vessel, 2000 ml, temperature measurement	0025003962	\$ 946.00
MI 250-S	Milling chamber, 250 ml, sealed	0020112097	\$ 1,146.00
MI 400-S	Milling chamber, 400 ml, sealed	0020112099	\$ 1,203.00
MI 250-T-S	Milling chamber, 250 ml, temperature measurement, sealed	0020112098	\$ 1,391.00
MI 400-T-S	Milling chamber, 400 ml, temperature measurement, sealed	0020112100	\$ 1,338.00
CS 1	Spare filter fume for cover, 5 pcs.	0020113275	\$ 33.00
DI 2000-T	Dispersing vessel, 2000 ml, temperature measurement	0025003960	\$ 1,418.00
BL 2000.1	Standard blend knife, stainless steel	0020023169	\$ 180.00
MI 250.1	Standard beater, stainless steel	0020023166	\$ 108.00
MI 250.2	Star shaped cutter, stainless steel	0020023167	\$ 209.00
MI 250.3	Beater, tungsten carbide	0020023168	\$ 453.00
MI 400.1	Standard beater, stainless steel	0020023170	\$ 136.00
MI 400.2	Star shaped cutter, stainless steel	0020023171	\$ 238.00
MI 400.3	Beater, tungsten carbide	0020023172	\$ 499.00
TC 1	Protective housing for MT 150 and BT 250	0020023489	\$ 164.00
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	\$ 159.00
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	\$ 174.00
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	\$ 40.50

* TC 1 protective housing is mandatory to operate the tube



DI 2000-T



BL 2000-T



MI 250-S



MI 400-TS



TC 1



MT 150.5



BL 2000-T



MI 250.2



MI 400.3

Product	Description	Ident. No.	Price
ACCESSORIES A 10 BASIC			
A 10.1	Stainless steel cutter	0025001680	\$ 117.00
A 10.2	Star-shaped cutter	0025001162	\$ 211.00
A 10.3	Hard metal cutter	0025001161	\$ 667.00
A 10.4	Grinding chamber reduction	0025001664	\$ 253.00
ACCESSORIES A 11 BASIC			
A 11.1	Spare beater, stainless steel	0002904600	\$ 100.00
A 11.2	Cutting blade, stainless steel	0002905200	\$ 236.00
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	\$ 342.00
A 11.4	Grinding chamber, polyamide, 250 ml	0002904100	\$ 331.00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	\$ 450.00
A 11.6	Double beater, titanium	0003302900	\$ 673.00
A 11.7	Funnel, PTFE	0003048700	\$ 553.00



A 10.1



A 10.3



A 11.1



A 11.2



A 11.3



A 11.4



A 11.5



A 11.6



A 11.7

ACCESSORIES M 20			
M 21	Spare cutter, stainless steel	0000328200	\$ 174.00
M 22	Hard metal cutter, tungsten carbide	0000521800	\$ 823.00
M 23	Star-shaped cutter, stainless steel	0001443400	\$ 665.00
M 20.1	Grinding chamber, 250 ml	0008006200	\$ 4,383.00



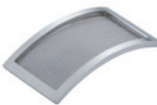
M 23

ACCESSORIES MF 10 BASIC			
MF 10.1	Cutting-grinding head	0002870900	\$ 3,500.00
MF 10.2	Impact-grinding head	0002871000	\$ 2,981.00



MF 10.2

SIEVES			
MF 0.25	Sieve, Ø 0.25 mm	0002938900	\$ 578.00
MF 0.5	Sieve, Ø 0.5 mm	0002939000	\$ 578.00
MF 1.0	Sieve, Ø 1 mm	0002939200	\$ 578.00
MF 2.0	Sieve, Ø 2 mm	0002939400	\$ 578.00
MF 3.0	Sieve, Ø 3 mm	0002939500	\$ 578.00
MF 4.0	Sieve, Ø 4 mm	0002939600	\$ 975.00



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. For the use in human medicine and infection diagnostics, a universally applicable disposable mixing vessel with IVD certification is available.



**ULTRA-TURRAX® Tube Drive
P control**
\$ 2,426.00
Ident. No. 0025005981



**ULTRA-TURRAX® Tube Drive
P control Workstation**
\$ 2,581.00
Ident. No. 0025005836



Further package
information on
page 164

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

	
ST-20	ST-50-M

Product	Description	Ident. No.	Price
ST TUBES WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	\$ 387.00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs., membrane lid	0003700500	\$ 420.00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	\$ 188.00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	\$ 270.00

	
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	\$ 407.00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	\$ 567.00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	\$ 386.00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	\$ 219.00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	\$ 484.00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	\$ 161.00

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	\$ 419.00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	\$ 419.00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	\$ 460.00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	\$ 460.00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	\$ 219.00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	\$ 219.00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	\$ 270.00

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

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

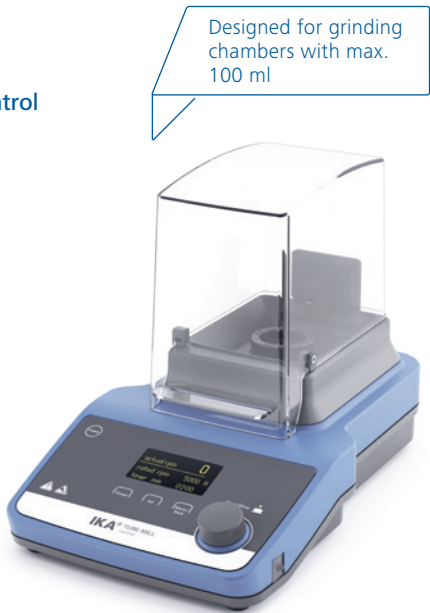
Product	Description	Ident. No.	Price
TUBES WITH DISSOLVER ELEMENT AND MEMBRANE LID			
DIS-50-S-M	Tube with dissolver blade, 50 ml, 10 pcs., stainless steel	0020016316	\$ 129.00
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	\$ 157.00
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	\$ 195.00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	\$ 948.00
TUBES WITH DISSOLVER ELEMENT			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	\$ 201.00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	\$ 976.00
COVERS			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	\$ 76.00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	\$ 50.00
BALLS FOR BMT TUBE			
Glass balls 6	Glass balls, 250 g	0003599200	\$ 75.00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	\$ 75.00
FURTHER ACCESSORIES FOR UTTD			
CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	\$ 96.00


TC-50-M

Tube Mill control
\$ 3,747.00
Ident. No. 0004180001



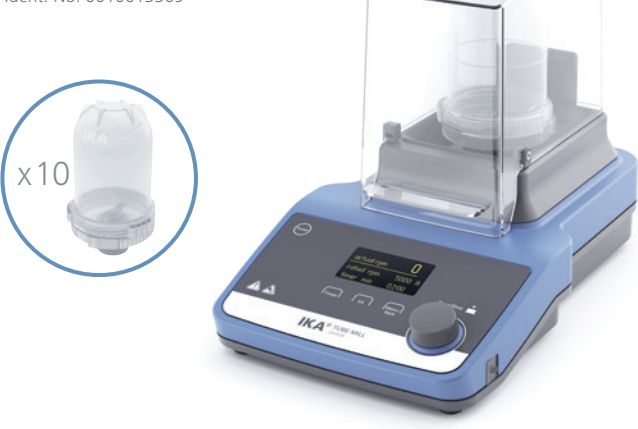
Tube Mill 100 control
\$ 4,202.00
Ident. No. 0020007145



Tube Mill control Agriculture Solution
\$ 3,794.00
Ident. No. 0010013298



Tube Mill 100 control Pharma Solution
\$ 4,255.00
Ident. No. 0010013309



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	\$ 157.00
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	\$ 1,299.00
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	\$ 142.00
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	\$ 309.00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	\$ 226.00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	\$ 1,326.00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	\$ 179.00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	\$ 414.00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	\$ 682.00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	\$ 410.00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	\$ 433.00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	\$ 232.00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	\$ 470.00
A-MMT.100	Abrasion set for MMT 40.1 MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	\$ 283.00



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



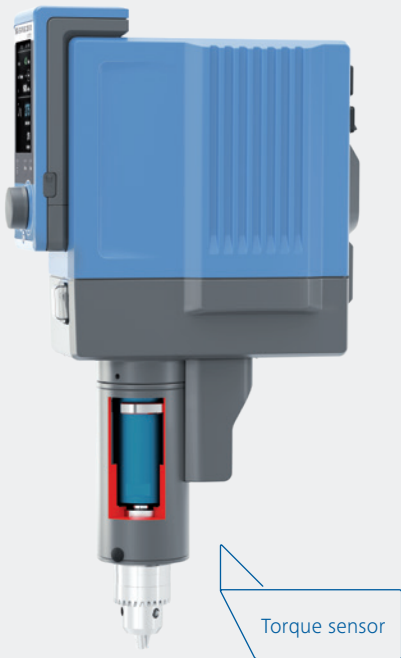
HIGH-PRECISION MEASUREMENT
During the mixing process a highly sensitive torque measuring sensor allows further conclusions on viscosity changes, directly in the product. This eliminates the regular sampling, rather time consuming offline measurement process.

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
\$ 9,487.00
Ident. No. 0020006998



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

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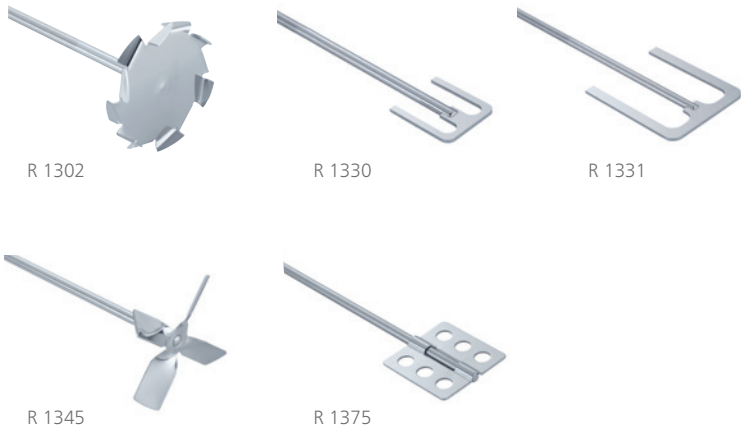
ACCESSORIES STARVISC 200-2.5 CONTROL

STIRRING ELEMENTS			
R 1302	Dissolver stirrer, Ø 100 mm	0002387900	\$ 975.00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	\$ 470.00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	\$ 524.00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	\$ 369.00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	\$ 474.00

BOSS HEAD CLAMPS			
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	\$ 65.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	\$ 96.00

STANDS			
R 2722	H-stand, 1010 mm	0001412000	\$ 643.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	\$ 701.00

SOFTWARE			
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	\$ 1,282.00
labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	\$ 5,764.00
labworldsoft® 6 Pro	For all configurations – any number of devices can be controlled at the same time	0020017366	\$ 13,153.00



“Flow” is the term used to describe the wonderful mental state in which everything moves along by itself. And with the IKA viscometers, the perfect flow also comes to your laboratory. The IKA ROTAVISC range determines the viscosity of liquids in all applications, from the laboratory to quality control. Stepless, fast and accurate. The measuring process is intuitive and standardized, as well as working with the well-known IKA menu structure for laboratory devices. There are four instruments for different viscosity ranges, the attractive Complete and HELI packages, and an instrument variant with ball bearing technology.

ROTAVISC SBS /// The viscometer with ball bearing

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

Printing function via RS 232 interface



FOR HEAVY USE

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

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

COMBINE AND UPGRADE

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

SPINDLE HOLDER

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

1 ROTAVISC lo-vi HELI Complete

\$ 4,943.00
Ident. No. 0025008214

2 ROTAVISC me-vi HELI Complete

\$ 4,943.00
Ident. No. 0025008216

3 ROTAVISC hi-vi I HELI Complete

\$ 4,943.00
Ident. No. 0025008217

4 ROTAVISC hi-vi II HELI Complete

\$ 4,943.00
Ident. No. 0025008218



OUR PACKAGES

HELI Complete:
including motorized HELISTAND

1 ROTAVISC SBS me-vi HELI Complete

\$ 6,206.00
Ident. No. 0010007717

2 ROTAVISC SBS hi-vi I HELI Complete

\$ 6,206.00
Ident. No. 0010007689

3 ROTAVISC SBS hi-vi II HELI Complete

\$ 6,206.00
Ident. No. 0010007704



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

TECHNICAL DATA	HELISTAND
Stroke max.	142 mm
Diameter	16 mm
Dynamic load	3.2 kg
Overload protection	Yes
Height adjustable safety switch	Yes
Dimensions (W x H x D)	351 x 343 x 252 mm
Weight	5.5 kg
Protection class according to DIN EN 60529	IP 40

- ① **ROTAVISC lo-vi Complete**
\$ 3,966.00
Ident. No. 0025000310
- ② **ROTAVISC me-vi Complete**
\$ 3,966.00
Ident. No. 0025000311
- ③ **ROTAVISC hi-vi I Complete**
\$ 3,966.00
Ident. No. 0025000312
- ④ **ROTAVISC hi-vi II Complete**
\$ 3,966.00
Ident. No. 0025000313



- ① **ROTAVISC SBS me-vi Complete**
\$ 5,129.00
Ident. No. 0010007714
- ② **ROTAVISC SBS hi-vi I Complete**
\$ 5,129.00
Ident. No. 0010007686
- ③ **ROTAVISC SBS hi-vi II Complete**
\$ 5,129.00
Ident. No. 0010007701

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



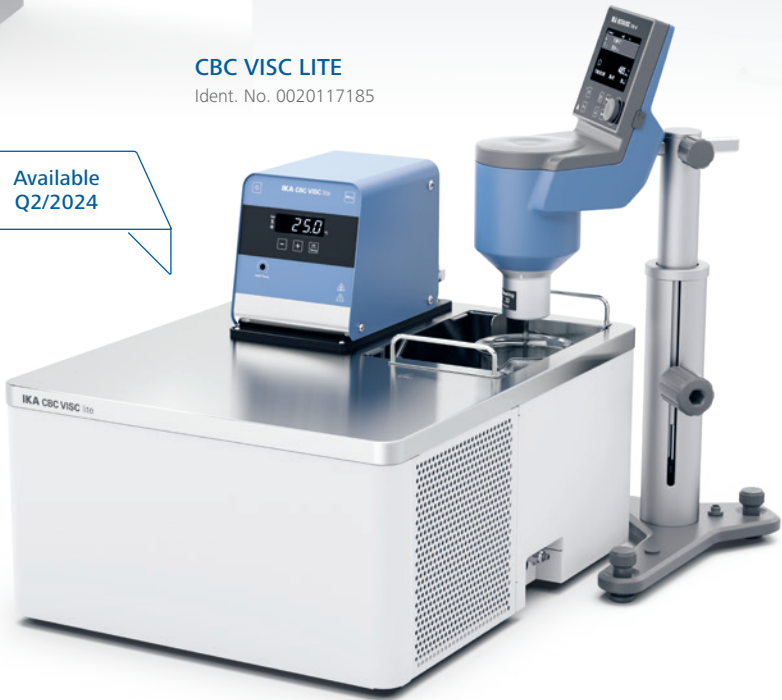
Our product portfolio is ideally oriented towards viscosity measurement in the following fields of application:

- lo-vi** // for juices, solvents, edible oils, inks, liquid soaps
me-vi // for paints / varnishes, mayonnaise, dairy products, ketchup
hi-vi I & hi-vi II // for pastes, ointments, molasses, gels

CBC VISC LITE

Ident. No. 0020117185

Available
Q2/2024



CBC VISC LITE

Precise and fast temperature control is crucial for analyzing the viscosity-temperature dependency or measuring viscosity at a precisely defined temperature. The new CBC VISC lite covers a wide temperature range from -25 °C to 125 °C and is designed to be combined with the IKA ROTAVISC viscometers.

- › Two 600 ml standard beakers can be controlled inside the bath at once
- › Optimized water flow management in the insulated bath for fast and precise temperature control
- › Compatible with labworldsoft® to realize more advanced automated measurement processes

ROTAVISC is not included in scope of delivery.



ROTASTAND

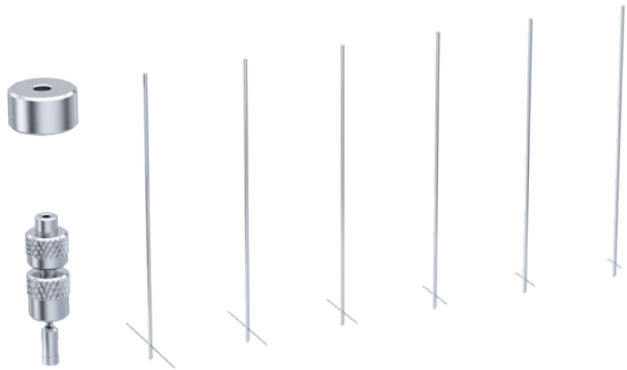


SP RACK



HELISTAND

Product	Description	Ident. No.	Price
STANDS			
ROTASTAND	Stand for ROTAVISC	0020006787	\$ 1,016.00
HELISTAND	Electrical stand for ROTAVISC	0025007567	\$ 1,243.00
HELISTAND Set	Electrical stand incl. T-spindle set	0025008233	\$ 1,919.00
SP RACK	Spindle rack	0020104809	\$ 116.00
SOFTWARE			
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	\$ 1,282.00



HELISTAND Set
(HELISTAND + T-SP-Set)



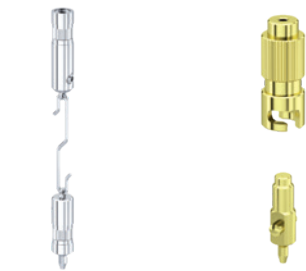
Adapter: DIN S-1



Adapter: O DIN S-1



Adapter: VOLS-1



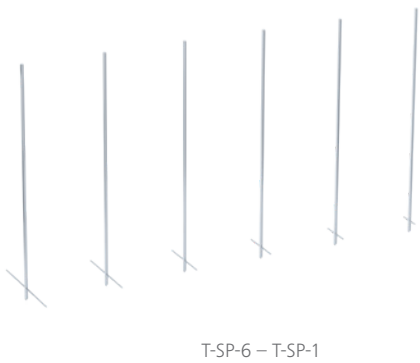
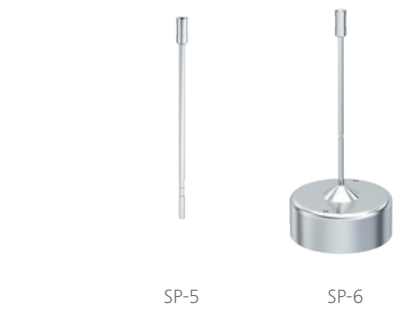
Hook Connector

Quick Connector



Spindle set: VAN-1

Product	Description	Ident. No.	Price
ADAPTERS			
DINS-1	DIN adapter set	0025000387	\$ 1,651.00
O DIN S-1	Open DIN adapter set	0025000326	\$ 1,651.00
SAS-1	Spiral adapter set	0025000377	\$ 958.00
ELVAS-1	Extremely low viscosity adapter set	0025000390	\$ 1,212.00
VOLS-1	Low volume adapter set	0025000352	\$ 1,184.00
VOLS-1 flex	Adapter set for small volumes, without spindle and chamber	0020114188	\$ 822.00
ACCESSORIES VISCOMETERS			
DWB 600	Double-walled beaker 600 ml	0020024575	\$ 1,150.00
BH 600	Clamp for 600 ml beaker	0025000400	\$ 182.00
Hook Connector	Hook connector for spindles	0025000338	\$ 360.00
Quick Connector	Quick connector for spindles	0025000339	\$ 365.00
PT 100.8	Temperature sensor, stainless steel, Ø 3 mm, 75 mm	0025000413	\$ 89.00
SPINDLE SET			
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	\$ 278.00
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	\$ 235.00
T-SP-Set	T-spindle set	0025007765	\$ 605.00
VAN-1	Vane spindle set	0025000407	\$ 848.00



Product	Description	Ident. No.	Price
SPINDLES SINGLE			
SP-1	Standard spindle	0025006828	\$ 125.00
SP-2	Standard spindle	0025006829	\$ 113.00
SP-3	Standard spindle	0025006830	\$ 111.00
SP-4	Standard spindle	0025006831	\$ 106.00
SP-5	Standard spindle	0025006832	\$ 190.00
SP-6	Standard spindle	0025006833	\$ 190.00
SP-7	Standard spindle	0025006834	\$ 89.00
SP-8	Standard spindle	0025006835	\$ 80.00
SP-9	Standard spindle	0025006836	\$ 83.50
SP-10	Standard spindle	0025006837	\$ 80.50
SP-11	Standard spindle	0025006838	\$ 77.50
SP-12	Standard spindle	0025006839	\$ 60.00
T-SP-1	T-spindle	0025008238	\$ 76.50
T-SP-2	T-spindle	0025008239	\$ 76.50
T-SP-3	T-spindle	0025008240	\$ 76.50
T-SP-4	T-spindle	0025008241	\$ 76.50
T-SP-5	T-spindle	0025008242	\$ 76.50
T-SP-6	T-spindle	0025008243	\$ 76.50
T-SP-nut	T-spindle nut	0020108874	\$ 67.00
T-SP-coupling	T-spindle coupling	0020108842	\$ 111.00
VAN-SP-1	Vane spindle	0025006853	\$ 505.00
VAN-SP-2	Vane spindle	0025006854	\$ 410.00
VAN-SP-3	Vane spindle	0025006855	\$ 374.00
VAN-SP-4	Vane spindle	0025006856	\$ 341.00
VAN-SP-5	Vane spindle	0025008376	\$ 410.00
S-SP	Spiralspindel	0025006843	\$ 217.00
S-C-1	Chamber for S-SP spiral spindle	0020108896	\$ 669.00
SCB	Spindle brush for S-SP	0020108882	\$ 60.00
VOL-SP-6.7	Spindle for VOLS-1, 6.7 ml	0025006845	\$ 437.00
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	\$ 425.00
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	\$ 437.00
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	\$ 437.00
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	\$ 437.00
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	\$ 437.00
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	\$ 437.00
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	\$ 437.00
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	\$ 437.00



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	on request
VOL-C-RTD-1	VOL-C-RTD-1 chamber	0025007603	\$ 483.00
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	\$ 482.00
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	\$ 437.00
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	\$ 482.00
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	\$ 437.00
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	\$ 482.00
VOLS 1.11	Extension connector	0020107301	\$ 115.00
VOLS 1.21	Cover for VOLS chamber	0020108881	\$ 33.00
ELVAS-SP	ELVAS Spindle	0025006844	\$ 365.00
ELVAS-C	ELVAS sample chamber (open)	0020107138	\$ 372.00
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	\$ 372.00
DIN-SP-5	DIN spindle 5	0025006840	\$ 398.00
DIN-SP-6	DIN spindle 6	0025006841	\$ 398.00
DIN-SP-7	DIN spindle 7	0025006842	\$ 398.00
DIN-C-1	Chamber for DIN-SP-5	0020108883	\$ 408.00
DIN-C-2	Chamber for DIN-SP-6, DIN-SP-7	0020108885	\$ 408.00
O-DIN-C-1	Open chamber for DIN-SP-5	0020108887	\$ 358.00
O-DIN-C-2	Open chamber for DIN-SP-6	0020108888	\$ 358.00
O-DIN-C-3	Open chamber for DIN-SP-7	0020108889	\$ 358.00
CC-1	Chamber cap (6 pcs.) for ELVAS / DINS	0020107043	\$ 36.50

STANDARD SILICONE OILS			
CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	\$ 177.00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	\$ 177.00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	\$ 177.00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	\$ 177.00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	\$ 177.00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	\$ 177.00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	\$ 177.00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	\$ 177.00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	\$ 177.00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	\$ 177.00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	\$ 177.00

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

VC 10 LITE AND PRO

/// Vacuum controllers for all applications

Universal vacuum controller VC 10 lite and pro for controlled evacuation of air (gas) from laboratory equipment as well as for classical separation, filtration or drying tasks in the laboratory.

For additional safety for the user and the environment, it is recommended to use the vacuum safety emission condenser VSE 1, which prevents solvents from entering the ambient air.

The controllers are ready for use in numerous applications and are easy to install. The integrated valve cleaning function guarantees a particularly long service life of the vacuum system. By venting the system, solvent pressure levels in the pump can be completely removed.

Everything from one source



VACSTAR digital
\$ 2,808.00
Ident. No. 0020016237



VACSTAR control
\$ 5,002.00
Ident. No. 0020109376

TECHNICAL DATA	
Pump rate max.	1.32 m³/ h
Max. pumping capacity	22 l / min
Boiling point detection	No Yes
Solvent library	No Yes
Speed range	285 – 1200 rpm
Vacuum sensor	No Yes
Two-point control	Yes No
Min. input pressure	2 mbar
Max. input pressure	1030 mbar
Dimensions (W x H x D)	150 x 375 x 370 mm 270 x 435 x 500 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 / USB interface	Yes

Product	Ident. No.	Price
ACCESSORIES VACUUM PUMPS		
VSE 1 vacuum safety emission	0035001873	\$ 907.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	\$ 66.00



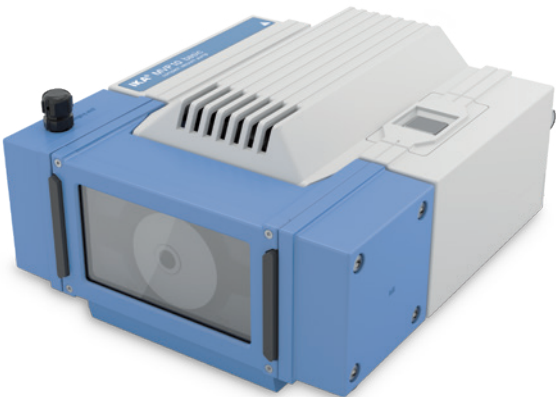
VSE 1



VH.SI.8

MVP 10 basic

\$ 2,395.00
Ident. No. 0003980001



TECHNICAL DATA	MVP 10 BASIC
Max. pumping capacity	28.3 l / min
Max. pump rate	1.7 m³/ h
Speed range	1380 – 1680 rpm
Vacuum sensor	No
Min. input pressure	7 mbar
Max. input pressure	1050 mbar
Dimensions (W × H × D)	245 × 155 × 320 mm
Protection class acc. to DIN EN 60529	IP 54
Voltage	230 / 115 / 100 V

Product	Ident. No.	Price
ACCESSORIES MVP 10 BASIC		
VCV 1 vacuum control valve manual	0020004850	\$ 1,097.00
VCV 2 vacuum control valve digital	0020004893	\$ 1,444.00
VSS 1 vacuum safety set	0020005194	\$ 1,292.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	\$ 66.00
Y hose connector 8 mm	0020010963	\$ 12.40



VSS 1



VCV 1

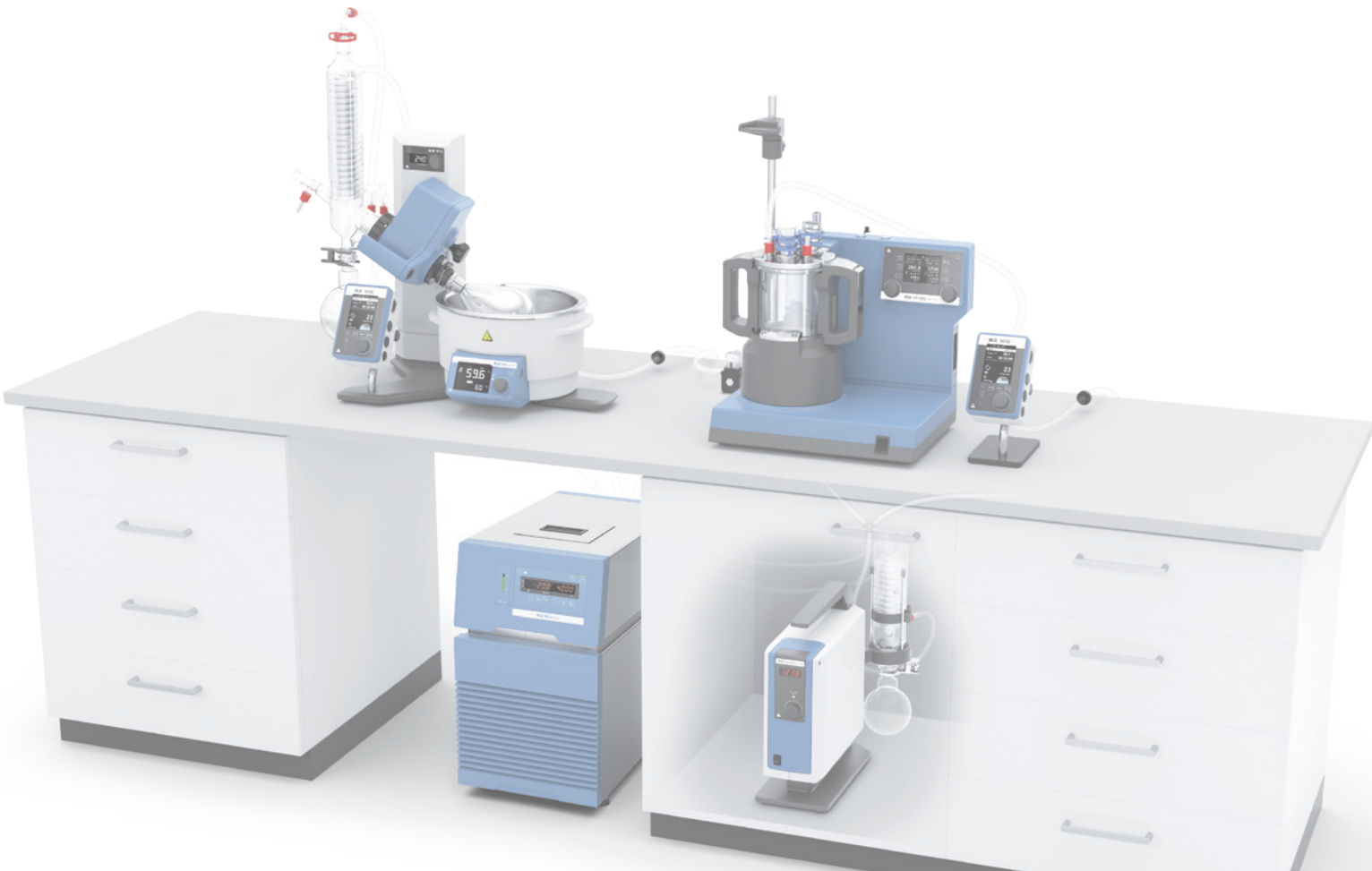
Product	Ident. No.	Price
ACCESSORIES VACUUM CONTROLLER		
VC 10.300 check valve	0020011105	\$ 267.00
VC 10.400 table holder	0035001735	\$ 350.00
VC 10.500 Stand pole	0035002702	\$ 73.00



VC 10.300



VC 10.400



① **VC 10 lite**
\$ 1,293.00
Ident. No. 0020111998

② **VC 10 pro**
\$ 1,947.00
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

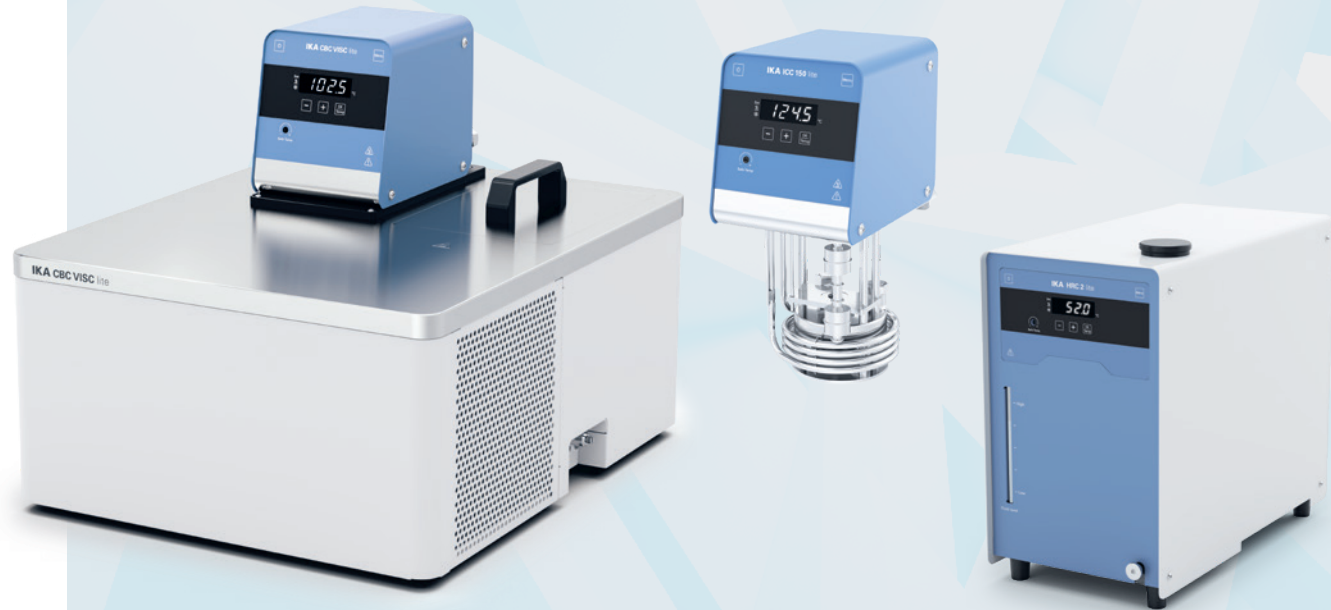
According to DIN 12876, our wide range of chillers, heating bath circulators and immersion circulators are suitable for a temperature range from -30 to 250 °C. All temperature control devices meet the highest requirements for precision, safety, performance and intelligence. With the new circulators in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

Available
Q2/2024



ICC 100 lite
Price on request
Ident. No. 0020105649

ICC 150 lite
Price on request
Ident. No. 0020105583

① **ICC basic**
\$ 1,821.00
Ident. No. 0020002272

② **ICC control**
\$ 2,169.00
Ident. No. 0020002273

IC basic
\$ 2,973.00
Ident. No. 0003861001

IC control
\$ 3,954.00
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

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

Product	Description	Bath size	Bath opening (W x D)*	Ident. No.	Price
COMBINED HEATING BATH CIRCULATORS					
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 x 80 mm	0010000467	\$ 5,039.00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 x 262 mm	0010000469	\$ 5,344.00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0010000470	\$ 5,457.00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0010000472	\$ 5,763.00

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

/// HEATING BATH CIRCULATORS

- 1

HBC 5 basic

\$ 4,415.00

Ident. No. 0004125001
- 2

HBC 5 control

\$ 5,020.00

Ident. No. 0004127001
- 3

HBC 10 basic

\$ 5,083.00

Ident. No. 0004135001
- 4

HBC 10 control

\$ 5,215.00

Ident. No. 0004137001



/// REFRIGERATED AND HEATING BATH CIRCULATORS

- 1

CBC 5 basic

\$ 8,457.00

Ident. No. 0004165001
- 2

CBC 5 control

\$ 9,246.00

Ident. No. 0004167001



/// REFRIGERATED AND HEATING CIRCULATORS

- 1

HRC 2 basic

\$ 6,000.00

Ident. No. 0025003743
- 2

HRC 2 control

\$ 8,301.00

Ident. No. 0025004639



/// REFRIGERATED AND HEATING CIRCULATOR

- 1

HRC 2 lite

\$ 3,244.00

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 × H × D)	275 × 406 × 500 mm 275 × 456 × 500 mm	275 × 690 × 490 mm	220 × 475 × 525 mm	225 × 385 × 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

\$ 3,240.00

Ident. No. 0025007939



- 1

RC 2 basic

\$ 5,146.00

Ident. No. 0004171001
- 2

RC 2 control

\$ 6,638.00

Ident. No. 0004173001



- 1

RC 2 GREEN basic

\$ 5,598.00

Ident. No. 0025007402
- 2

RC 2 GREEN control

\$ 7,288.00

Ident. No. 0025007404



- 1

RC 5 basic

\$ 8,182.00

Ident. No. 0020008503
- 2

RC 5 control

\$ 9,639.00

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 × H × D)	225 × 385 × 430 mm	220 × 475 × 525 mm	220 × 475 × 525 mm	310 × 546 × 490 mm



CS.ICC CL.ICC



BS.ICC PCS.ICC



BS.IC CC1



IB R 9 eco IB 18 eco



IB 9 pro IB 20 pro

Product	Description	Ident. No.	Price
ACCESSORIES FOR ICC			
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	\$ 236.00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	\$ 253.00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	\$ 327.00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	on request
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	on request
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	\$ 311.00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	\$ 311.00
BS.ICC lite	Bridge, small for ICC lite, 8/9 l bath vessels	0020119539	on request
BL.ICC lite	Bridge, big for ICC lite, 8/9 l bath vessels	0020119540	on request
CC2	Cooling coil for ICC	0025001061	\$ 194.00
PCS.ICC	Pump connection set for ICC	0004471900	\$ 197.00

ACCESSORIES FOR IC			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	\$ 253.00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	\$ 327.00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	\$ 311.00
CC1	Cooling coil for IC basic / control	0020005116	\$ 194.00

BATH VESSELS			
Bath size S			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	\$ 809.00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	\$ 733.00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	\$ 1,132.00
Bath size M			
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	\$ 1,295.00
Bath size L			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	\$ 1,132.00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	\$ 1,216.00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	\$ 932.00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	\$ 1,322.00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	\$ 2,684.00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	\$ 3,078.00
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	\$ 1,524.00



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	\$ 1,026.00
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	\$ 1,018.00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	\$ 975.00
HOSES			
LT 5.32	Temperature control hose, 1.6 m	0020113271	\$ 1,096.00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 × 1.5 m	0004568800	\$ 26.00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 × 1.5 m	0004568900	\$ 35.50
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	\$ 37.00
H.SI.8	Hose, silicone, Ø 8 mm, 2 × 1.5 m	0004569000	\$ 77.50
H.SI.12	Hose, silicone, Ø 12 mm, 2 × 1.5 m	0004569100	\$ 103.00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 × 1.5 m, reinforced	0020004612	\$ 89.00
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 × 1.5 m	0020004613	\$ 128.00
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 × 1.5 m	0004569200	\$ 540.00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 × 1.5 m, M 16 × 1	0004569300	\$ 709.00
H.FKM.8.ISO	Hose set FKM incl. insulation, Ø 8 mm	0010011653	\$ 540.00
H.FKM.12.ISO	Hose set incl. insulation, FKM, Ø 12 mm	0010011652	\$ 714.00
H.PUR.12.AD	Hose set incl. M 16 × connection, PUR 90 °C, Ø 12 mm	0010011654	\$ 185.00

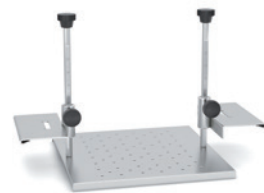
INSULATION FOR HOSES			
ISO.8	Insulation, Ø 8 mm, 2 × 1.5 m	0004569400	\$ 59.00
ISO.12	Insulation, Ø 12 mm, 2 × 1.5 m	0004569500	\$ 76.50



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	\$ 134.00
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	\$ 134.00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	\$ 134.00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	\$ 285.00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø17 mm	0020004030	\$ 285.00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	\$ 285.00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	\$ 380.00
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	\$ 142.00
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	\$ 142.00
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	\$ 142.00
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	\$ 697.00
Bottom plate L	Bottom plate for bath size L	0020006212	\$ 764.00
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	\$ 704.00
FLOATING RACKS			
Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	\$ 70.50
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	\$ 70.50
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	\$ 70.50
ADDITIONAL ACCESSORIES			
WH10	WiCo Holder	0020000984	\$ 59.00
PT 100.30	Temp. sensor, stn. steel	0004284700	\$ 157.00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	\$ 352.00
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	\$ 388.00
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	on request
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	\$ 513.00



CO V 1



Ball valve M16 x 1



Mechanic fluid level controller



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4

Product	Description	Ident. No.	Price
VALVES AND LEVEL CONTROLLERS			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	\$ 809.00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	\$ 1,391.00
Ball valve M16 x 1	Ball valve, completely opening (M 16 x 1)	0020004620	\$ 175.00
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	\$ 750.00
ADAPTERS			
Elbow tube 90°	Elbow tube 90°	0025001212	\$ 167.00
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	\$ 98.00
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	\$ 12.40
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	\$ 89.00
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	\$ 15.50
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	\$ 65.00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	\$ 22.00
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	\$ 151.00
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	\$ 245.00
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	\$ 497.00
Adapter M16 x 1 f - G1/4 m	Adapter M 16 x 1 female to G 1/4 male	0020008807	on request
Adapter M16 x 1 m - G1/4 m	Adapter M 16 x 1 male to G 1/4 male	0020008734	on request
Adapter M16 x 1 m - G1/2 m	Adapter M 16 x 1 male to G 1/2 male	0020008796	on request
Adapter M16 x 1 f - G1/2 m	Adapter M 16 x 1 female to G 1/2 male	0020008800	on request
Adapter M16 x 1 f - G3/8 m	Adapter M 16 x 1 female to G 3/8 male	0020008730	on request
Adapter M16 x 1 m - G3/8 m	Adapter M 16 x 1 male to G 3/8 male	0020008754	on request
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	\$ 67.00
Lock nut	Lock nut, 2 pcs.	0020004583	\$ 16.50
Stopper	Stopper, 2 pcs.	0020004584	\$ 13.40

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

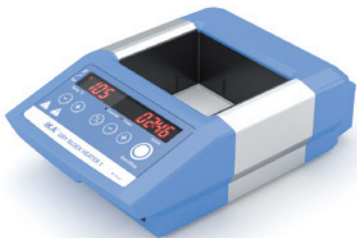
/// Provide precise temperature control in small vessels



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.

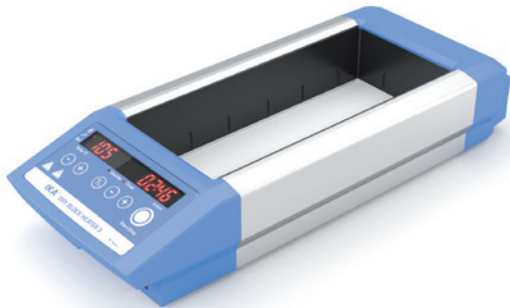
Dry Block Heater 1
\$ 1,437.00
Ident. No. 0004025101



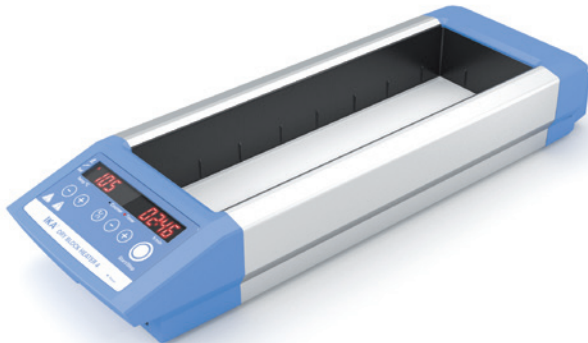
Dry Block Heater 2
\$ 1,583.00
Ident. No. 0004025201



Dry Block Heater 3
\$ 1,895.00
Ident. No. 0004025301



Dry Block Heater 4
\$ 2,083.00
Ident. No. 0004025401



Capacity for 4 heating blocks

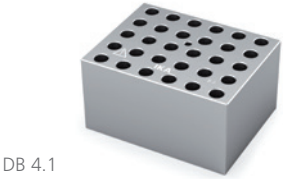
TECHNICAL DATA	DRY BLOCK HEATER 1	DRY BLOCK HEATER 2	DRY BLOCK HEATER 3	DRY BLOCK HEATER 4
Number of blocks	1	2	3	4
Heat output	165 W	250 W	330 W	412 W
Heating temperature range	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C
Connection for ext. temperature sensor	CT (DIN 12878)	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	\$ 226.00
DB 1.2	Single block, Eppendorf tubes, Ø 11.5 mm	0004467700	\$ 189.00
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800	\$ 189.00
DB 1.4	Single block, VWR Eppendorf tubes, Ø 10.9 mm	0004467900	\$ 189.00
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	\$ 189.00
CONICAL BOTTOM CENTRIFUGE TUBES			
DB 2.1	Single block, conical tubes, Ø 17.1 mm	0004468100	\$ 226.00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	\$ 222.00
COMBINATION BLOCKS			
DB 3.1	Single block, test tube comb., 6 12 13 25 mm	0004468300	\$ 221.00
DB 3.2	Single block, centrifuge comb., 1.5 15 50 ml	0004468400	\$ 221.00
DB 3.3	Single block, microtube comb., 0.5 1.5 2 ml	0004468500	\$ 226.00
STANDARD TEST TUBES			
DB 4.1	Single block, 30 round tubes, Ø 8.3 mm	0004468600	\$ 246.00
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700	\$ 231.00
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800	\$ 226.00
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900	\$ 231.00
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000	\$ 220.00
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	\$ 226.00
DB 4.7	Single block, 6 round tubes, Ø 26.2 mm	0004469200	\$ 221.00
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	\$ 222.00
DB 4.9	Single block, 12 round tubes, Ø 19.1 mm	0004469400	\$ 219.00
VIALS			
DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500	\$ 226.00
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600	\$ 226.00
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700	\$ 226.00
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800	\$ 219.00
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900	\$ 219.00
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000	\$ 219.00
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100	\$ 219.00
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200	\$ 219.00
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300	\$ 219.00
STANDARD TEST TUBES			
DB 6.1	Single block, 10 × 8 PCR tube strips, Ø 6.4 mm	0004470400	\$ 219.00
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500	\$ 222.00
DB 6.3	Double block, 1 × 96-Well PCR plate, Ø 6.4 mm	0004470600	\$ 277.00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	\$ 257.00
DB 8.1	Single block, 2 × 6 cuvettes, Ø 12.5 mm	0004470700	\$ 222.00
TEMPERATURE SENSORS			
PT 1000.60	Temp. sensor, stn. steel, Ø 3 mm, depth: 230 mm	0003516800	\$ 287.00
PT 1000.90	Temp. sensor, coated, Ø 3 mm, depth: 230 mm	0004480600	\$ 311.00

C-MAG HP 4
\$ 578.00
Ident. No. 0003581601



C-MAG HP 7
\$ 794.00
Ident. No. 0003581801



C-MAG HP 10
\$ 1,058.00
Ident. No. 0003582001



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

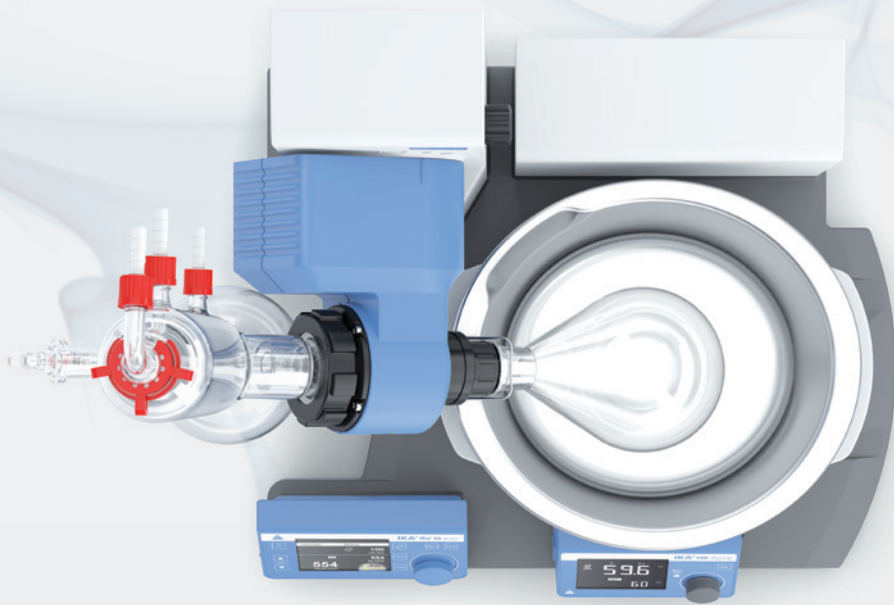
IKA heating baths are developed with a strong focus on safety. All baths are equipped with a double jacket to protect against burns and a safety temperature monitor prevents overheating of the bath. After turning on the unit, the safety functions are automatically checked.

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

\$ 1,603.00
Ident. No. 0020016413



HB digital

\$ 2,068.00
Ident. No. 0020016395



Heating temperature up to 180 °C

HBR 4 control

\$ 5,972.00
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	\$ 1,402.00
ACCESSORIES HBR 4 CONTROL			
H 240	Ring set	0002858700	\$ 1,104.00
H 159	Intermediate bottom	0001809700	\$ 524.00

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

\$ 2,393.00
Ident. No. 0020117191



/// INCUBATOR SHAKER

INC 125 FS digital (SP20)

\$ 5,927.00
Ident. No. 0020117222

INC 125 FS digital (SP25)

\$ 5,927.00
Ident. No. 0020117231



TECHNICAL DATA	INC 125 F DIGITAL	INC 125 FS DIGITAL (SP20) (SP25)
Type	Incubator	Incubator shaker
Total volume inner chamber	125 l	125 l
Working temperature	RT+ 8 °C – 100 °C	RT+ 8 °C – 80 °C
Heat output	750 W	750 W
Temperature stability	± 0.3 K	± 0.1 K
Temperature safety class (DIN 12880)	TB class 1	TB class 1
Interior lighting	No	Yes
Decontamination mode	Yes (120 °C)	Yes (100 °C / 120 °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

① **Oven 125 basic - dry**
\$ 3,356.00
Ident. No. 0020003216

② **Oven 125 basic - dry glass**
\$ 3,759.00
Ident. No. 0020003957



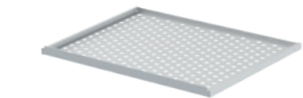
① **Oven 125 control - dry**
\$ 5,264.00
Ident. No. 0020003991

② **Oven 125 control - dry glass**
\$ 5,762.00
Ident. No. 0020003997

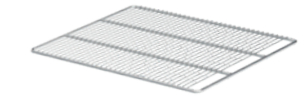
Real time data logging function



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 × H × D)	700 × 825 × 650 mm	700 × 825 × 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	on request
IO T 2.10	Wire grid tray	0020118621	on request
IO S 2.10	Stacking kit	0020118174	on request
Service - changing of door opening direction		0010012073	on request

ACCESSORIES FOR INC 125 F DIGITAL INCUBATOR			
IO L 2.10	Door lock	0035004372	on request

ACCESSORIES FOR INC 125 FS DIGITAL INCUBATOR SHAKER			
IO SP 20	Shaker platform with 20 mm shaking stroke	0035004555	on request
IO SP 25	Shaker platform with 25 mm shaking stroke	0020117011	on request
IO T 2.30	Drip pan	0020118266	on request
STICKMAX	Universal adhesive mat	0003920000	\$ 186.00
AS 2.0	Fixing clips, 10 ml	0020016475	on request
AS 2.1	Fixing clips, 25 ml	0001234300	\$ 37.50
AS 2.2	Fixing clips, 50 ml	0001234400	\$ 37.50
AS 2.3	Fixing clips, 100 ml	0001234500	\$ 37.50
AS 2.4	Fixing clips, 200 / 250 ml	0001234600	\$ 68.00
AS 2.5	Fixing clips, 500 ml	0001234700	\$ 68.00
AS 2.6	Fixing clips, 1000 ml	0003819300	\$ 68.00
AS 2.7	Fixing clips, 2000 ml	0020016476	\$ 156.00

ACCESSORIES FOR OVEN			
IO F 1.20	Spacer frame	0035001326	\$ 871.00
PT 100.31	Temp. sensor, stn. steel, Ø 6 mm, 265 mm	0020009564	\$ 488.00

ACCESSORIES FOR ALL TEMPERING CHAMBERS			
IO T 1.00	Wire grid tray, chrom plated	0020024935	\$ 325.00
IO T 1.10	Enhanced wire grid tray	0020007600	\$ 369.00
IO F 1.10	Roller frame	0020007601	\$ 1,285.00
IO B 1.10	Roller box	0020007602	\$ 1,469.00
IO P 1.10	Table top work plate	0020007603	\$ 1,285.00

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
\$ 4,298.00
Ident. No. 0010003491

② RV 3 V-C
\$ 4,440.00
Ident. No. 0010003492

③ RV 3 FLEX
\$ 3,223.00
Ident. No. 0010003493

④ RV 3 Dry Ice Condenser
\$ 4,798.77
Ident. No. 0010003494

⑤ RV 3 Dry Ice Condenser, coated
\$ 4,942.97
Ident. No. 0010003495
- ⑥ RV 3 pro V Complete
\$ 10,337.00
Ident. No. 0010011965

⑦ RV 3 pro V-C Complete
\$ 10,777.00
Ident. No. 0010012819
- ① RV 8 V
\$ 5,209.00
Ident. No. 0010003570

② RV 8 V-C
\$ 5,383.00
Ident. No. 0010003571

③ RV 8 FLEX
\$ 4,092.00
Ident. No. 0010003572

④ RV 8 Dry Ice Condenser
\$ 5,727.83
Ident. No. 0010003573

⑤ RV 8 Dry Ice Condenser, coated
\$ 5,884.39
Ident. No. 0010003574
- ⑥ RV 8 pro V Complete
\$ 12,438.00
Ident. No. 0010012329

⑦ RV 8 pro V-C Complete
\$ 12,881.00
Ident. No. 0010012820



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 170

- 1

RV 10 digital V

\$ 5,595.00

Ident. No. 0010005184
- 2

RV 10 digital V-C

\$ 5,770.00

Ident. No. 0010005185
- 3

RV 10 digital FLEX

\$ 4,854.00

Ident. No. 0010005186
- 4

RV 10 digital Dry Ice Condenser

\$ 6,119.23

Ident. No. 0010005209
- 5

RV 10 digital Dry Ice Condenser, coated

\$ 6,293.30

Ident. No. 0010005210
- 6

RV 10 digital pro V Complete

\$ 13,752.00

Ident. No. 0010011967
- 7

RV 10 digital pro V-C Complete

\$ 14,195.00

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 cm²
Filling volume max.	4 l
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Optional
Dimensions (W × H × D) without glass parts	500 × 430 × 440 mm
Protection class acc. to DIN EN 60529	IP 20



- 1

RV 10 auto pro V

\$ 13,754.00

Ident. No. 0010005195*
- 2

RV 10 auto pro V-C

\$ 13,915.00

Ident. No. 0010005196*
- 3

RV 10 auto pro FLEX

\$ 12,987.00

Ident. No. 0010005197*
- 4

RV 10 auto pro V-C Complete

\$ 16,292.00

Ident. No. 0010007358
- 5

RV 10 digital pro V double Complete

\$ 24,442.00

Ident. No. 0010011968
- 6

RV 10 digital pro V-C double Complete

\$ 25,328.00

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 cm²
Filling volume max.	4 l
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Integrated
Dimensions (W × H × D) without glass parts	500 × 430 × 440 mm
Protection class acc. to DIN EN 60529	IP 20



*Pro packages include VACSTAR digital



RV 10.900
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

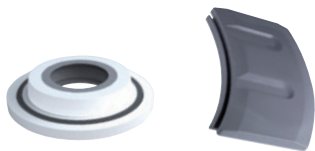
Product	Description	Ident. No.	Price
ACCESSORIES RV 10, RV 8, RV 3			
RV 10.900	Set of glassware, vertical	0003842500	\$ 1,946.70
RV 10.910	Set of glassware, vertical, coated	0003842600	\$ 1,975.54
RV 10.11 enlarged surface	Vertical-condenser, enlarged surface	0020019652	\$ 2,321.00
RV 10.110 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	\$ 2,803.00
RV 10.1000	Set of glassware, diagonal	0003842700	\$ 1,650.06
RV 10.1010	Set of glassware, diagonal, coated	0003842800	\$ 1,809.71
RV 10.3	Vertical-intensive condenser, manifold	0003741000	\$ 2,635.00
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	\$ 3,783.00
RV 10.4	Dry ice condensor	0003742000	\$ 2,752.00
RV 10.40	Dry ice condensor, coated	0003742100	\$ 3,036.00
RV 10.5	Vertical-condenser, reflux	0003743000	\$ 2,945.00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	\$ 3,330.00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	\$ 3,388.00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	\$ 3,720.00
RV 05.10	Balljoint clamp	0000736600	\$ 84.50
RV 10.88	Clamp, NS 29	0003683300	\$ 87.00
RV 10.2023	Evaporation cylinder, NS 24/40, 500 ml	0003848200	\$ 1,081.50
RV 10.2022	Evaporation cylinder, NS 24/40, 1500 ml	0003848300	\$ 1,431.70
RV 10.2025	Foam brake, NS 24/40	0003848700	\$ 245.14
RV 10.2029	Distilling spider, NS 24/40, 6 sleeves	0003849300	\$ 1,007.34
RV 10.2030	Distilling spider, NS 24/40, 12 sleeves	0003849400	\$ 1,738.64
RV 10.2031	Distilling spider, NS 24/40, 20 sleeves	0003849500	\$ 2,434.92
RV 10.610	Distilling sleeve, 20 ml	0003919400	\$ 38.00
RV 10.2034	Distilling spider with 5 flasks, 50 ml	0003849800	\$ 1,323.55
RV 10.2035	Distilling spider with 5 flasks, 100 ml	0003849900	\$ 1,446.12
RV 10.2007	Evaporation flask, NS 24/40, 50 ml	0003845300	\$ 74.50
RV 10.20070	Evaporation flask, coated, NS 24/40, 50 ml	0020000022	\$ 76.50
RV 10.2008	Evaporation flask, NS 24/40, 100 ml	0003845400	\$ 85.50
RV 10.20080	Evaporation flask, coated, NS 24/40, 100 ml	0020000023	\$ 86.52
RV 10.2009	Evaporation flask, NS 24/40, 250 ml	0003845500	\$ 123.60
RV 10.20090	Evaporation flask, coated, NS 24/40, 250 ml	0020000024	\$ 123.60
RV 10.2010	Evaporation flask, NS 24/40, 500 ml	0003845600	\$ 127.72
RV 10.20100	Evaporation flask, coated, NS 24/40, 500 ml	0020000025	\$ 127.72
RV 10.2011	Evaporation flask, NS 24/40, 1000 ml	0003845700	\$ 132.87
RV 10.20110	Evaporation flask, coated, NS 24/40, 1000 ml	0020000026	\$ 164.80
RV 10.2012	Evaporation flask, NS 24/40, 2000 ml	0003845800	\$ 198.79
RV 10.20120	Evaporation flask, coated, NS 24/40, 2000 ml	0020000027	\$ 196.73
RV 10.2013	Evaporation flask, NS 24/40, 3000 ml	0003845900	\$ 311.06
RV 10.20130	Evaporation flask, coated, NS 24/40, 3000 ml	0020000028	\$ 304.88
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	\$ 37.50
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	\$ 37.50



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	\$ 120.00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	\$ 124.00
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	\$ 126.00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	\$ 130.00
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	\$ 215.00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	\$ 397.00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	\$ 250.00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	\$ 277.00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	\$ 318.00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	\$ 342.00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	\$ 408.00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	\$ 519.00
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	\$ 358.00
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	\$ 712.00
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	\$ 342.00
RV 10.70	Vapor tube, NS 29/32	0003812200	\$ 272.00
RV 10.74	Vapor tube, short, NS 29/32	0003971700	\$ 218.00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	\$ 157.00
RV 10.3000	Extension plate	0003859000	\$ 302.00

ACCESSORIES RV 3

RV 3.1	Support pole	0025004587	\$ 77.50
RV 3.4	Woulff bottle	0025004588	\$ 235.00
RV 10.5005	Hose kit	0020000552	\$ 243.00

ACCESSORIES RV 8

RV 8.1	Support pole	0004438500	\$ 280.00
RV 8.2	Mechanical end stop for RV 8	0025001342	\$ 95.00
RV 8.3	Stand pole	0025004707	\$ 201.00
RV 10.5005	Hose kit	0020000552	\$ 243.00

ACCESSORIES VALVE RV 10 AUTO

RV 10.5002	Filter	0003903800	\$ 222.00
RV 10.5003	Pressure regulating valve	0003907100	\$ 882.00

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

\$ 564.00

Ident. No. 0003958000*



*Adapters included in delivery

IKA G-L

\$ 1,298.00

Ident. No. 0030000775**



**2 ml rotor set included in delivery

IKA G-L, PCR Set



TECHNICAL DATA	IKA MINI G	IKA G-L
Capacity	8 × 1.5 / 2.0 ml	12 × 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 × H × D)	155 × 105 × 175 mm	200 × 140 × 280 mm
Weight	1.4 kg	3.9 kg

Product	Ident. No.	Price
ACCESSORIES IKA MINI G		
Rotor 4 × HPLC	0020022341	\$ 81.00
ACCESSORIES IKA G-L		
PCR Set	0030001345	\$ 305.00
Adapter PCR tube	0030001346	\$ 14.50
Adapter 0.5 ml tube	0030001347	\$ 14.50
Adapter 0.4 ml tube	0030001334	\$ 14.50
2 ml rotor set	0030001333	\$ 305.00

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

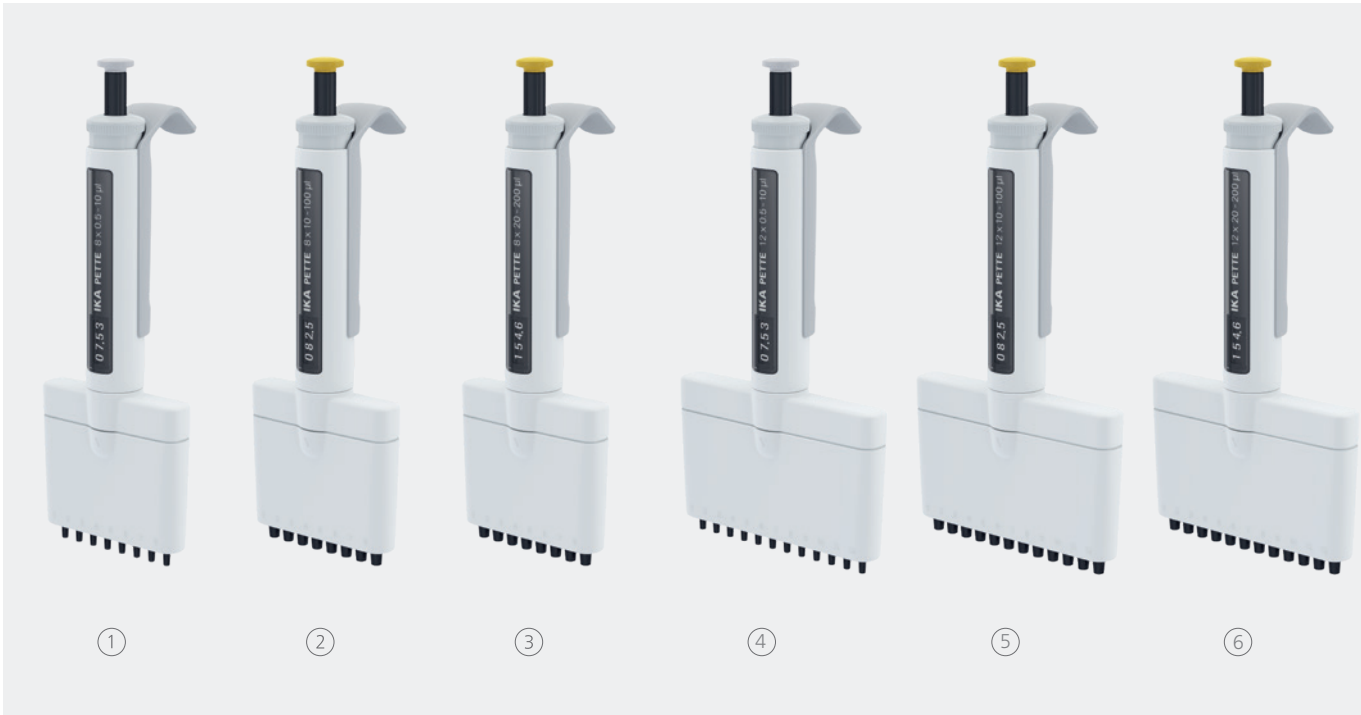
PETTE multi: the new multichannel pipette from IKA for easy pipetting in microtiter or deep well plates. Based on the ergonomic PETTE fix and vario single channel pipettes, it combines all the positive features with multiple channels and variable volumes.

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
\$ 559.00
Ident. No. 0020017943
- ② **PETTE multi**
8 × 10 – 100 µl
\$ 559.00
Ident. No. 0020017944
- ③ **PETTE multi**
8 × 20 – 200 µl
\$ 559.00
Ident. No. 0020017945

PETTE multi 12 Channel

- ④ **PETTE multi**
12 × 0.5 – 10 µl
\$ 640.00
Ident. No. 0020017946
- ⑤ **PETTE multi**
12 × 10 – 100 µl
\$ 640.00
Ident. No. 0020017947
- ⑥ **PETTE multi**
12 × 20 – 200 µl
\$ 640.00
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**
\$ 212.00
Ident. No. 0020011219

② **PETTE fix 10 µl**
\$ 212.00
Ident. No. 0020011220

③ **PETTE fix 20 µl**
\$ 212.00
Ident. No. 0020011221

④ **PETTE fix 25 µl**
\$ 212.00
Ident. No. 0020011222

⑤ **PETTE fix 50 µl**
\$ 212.00
Ident. No. 0020011223

⑥ **PETTE fix 100 µl**
\$ 212.00
Ident. No. 0020011224

⑦ **PETTE fix 200 µl**
\$ 212.00
Ident. No. 0020011225

⑧ **PETTE fix 250 µl**
\$ 212.00
Ident. No. 0020011226

⑨ **PETTE fix 500 µl**
\$ 212.00
Ident. No. 0020011227

⑩ **PETTE fix 1000 µl**
\$ 212.00
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**
\$ 282.00
Ident. No. 0020011210

② **PETTE vario 0.5 – 10 µl**
\$ 282.00
Ident. No. 0020011211

③ **PETTE vario 2 – 20 µl**
\$ 282.00
Ident. No. 0020011213

④ **PETTE vario 10 – 100 µl**
\$ 282.00
Ident. No. 0020011214

⑤ **PETTE vario 20 – 200 µl**
\$ 282.00
Ident. No. 0020011215

⑥ **PETTE vario 100 – 1000 µl**
\$ 282.00
Ident. No. 0020011216

⑦ **PETTE vario 0.5 – 5 ml**
\$ 282.00
Ident. No. 0020011217

⑧ **PETTE vario 1 – 10 ml**
\$ 282.00
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

PETTE MicroKit A

\$ 722.00
Ident. No. 0010007638



PETTE MicroKit B

\$ 722.00
Ident. No. 0010007639



PETTE Classic Kit

\$ 722.00
Ident. No. 0010013011



PETTE MacroKit

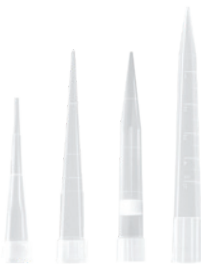
\$ 738.00
Ident. No. 0010007641



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	Tip m box
Tip xs box	Tip xs 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	\$ 83.00
RONDA	Carousel stand for up to 6 pipettes	0020107134	\$ 118.00
Tip 10 µl bag	Pipette tip, 10 µl, transparent, 1000 pcs.	0020114634	\$ 17.50
IKA Tip 10 µl box	Pipette tip, 10 µl, transparent, 960 pcs.	0020116857	\$ 91.00
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	\$ 231.00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	\$ 179.00
Tip 200 µl bag	Pipette tip, 200 µl, transparent, 1000 pcs.	0020114635	\$ 13.30
IKA Tip 200 µl box	Pipette tip, 200 µl, transparent, 960 pcs.	0020116858	\$ 91.00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	\$ 89.00
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	\$ 103.00
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	\$ 231.00
IKA Tip 1000 µl box	Pipette tip, 1000 µl, transparent, 600 pcs.	0020116859	\$ 55.00
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	\$ 179.00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	\$ 244.00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	\$ 128.00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	\$ 256.00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	\$ 154.00
PETTE.GR.1	Pipette grease, 1 g	0020017692	\$ 4.00
PETTE.GR.45	Pipette grease, 45 g	0020119238	\$ 96.00
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	\$ 44.50
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	\$ 44.50



SOFTWARE
Pipette Calibration Software
\$ 263.00
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

\$ 8,334.00
Ident. No. 0020113433



① EasySyn 2000 Starter Reactor System

\$ 9,427.00
Ident. No. 0020113438



② EasySyn 1000 Starter Reactor System

\$ 8,452.00
Ident. No. 0020113435

② EasySyn 5000 Starter Reactor System

\$ 9,844.00
Ident. No. 0020113442



① EasySyn 2000 Advanced Reactor System

\$ 12,709.00
Ident. No. 0020113440



① EasySyn 500 Advanced Reactor System

\$ 11,616.00
Ident. No. 0020113434

② EasySyn 1000 Advanced Reactor System

\$ 11,733.00
Ident. No. 0020113436

② EasySyn 5000 Advanced Reactor System

\$ 13,126.00
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 172



Product	Description	Ident. No.	Price
ACCESSORIES EASYSYN			
SY 500	Reactor vessels 500 ml	0020113459	\$ 1,422.00
SY 500 D	Reactor vessels 500 ml with bottom discharge	0020113460	\$ 2,640.00
SY 1000	Reactor vessels 1000 ml	0020113461	\$ 1,526.00
SY 1000 D	Reactor vessels 1000 ml with bottom discharge	0020113462	\$ 2,808.00
SY 2000	Reactor vessels 2000 ml	0020113463	\$ 2,422.00
SY 2000 D	Reactor vessels 2000 ml with bottom discharge	0020113464	\$ 3,771.00
SY 5000	Reactor vessels 5000 ml	0020113465	\$ 2,834.00
SY 5000 D	Reactor vessels 5000 ml with bottom discharge	0020113466	\$ 4,325.00
SY 100.1	Reactor lid DN 100	0020113649	\$ 557.00
SY 100.2	Reactor lid DN 100	0020116965	\$ 958.00
SY 150.1	Reactor lids DN 150	0020113660	\$ 784.00
SY 150.2	Reactor lids DN 150	0020113661	\$ 984.00
R 4011 SY	Propeller stirrer, PTFE, 400 mm	0020114111	\$ 348.00
R 4012 SY	Propeller stirrer, PTFE, 480 mm	0020114112	\$ 374.00
R 4013 SY	Propeller stirrer, PTFE, 530 mm	0020114113	\$ 417.00
R 4021 SY	Anchor stirrer, PTFE, 410 mm	0020114114	\$ 417.00
R 4022 SY	Anchor stirrer, PTFE, 530 mm	0020114115	\$ 458.00
LT 5.40	Draining set for Reactor system	0020113266	\$ 2,521.00
SY stand	Stand system	0020103316	\$ 4,349.00
SY clamp 100	Vessel clamp DN 100	0020105944	\$ 901.00
SY clamp ring 100	Clamp ring DN 100	0020113866	\$ 213.00
SY O-ring 100	O-Ring DN 100	0020113867	\$ 68.00
SY guide	Stirrer guide	0020109139	\$ 417.00
SY clamp 150	Clamp ring DN 150	0020105879	\$ 1,040.00
SY clamp ring 150	Clamp ring DN 150	0020113868	\$ 249.00
SY O-ring 150	O-Ring DN 150	0020113869	\$ 86.00
SY NS.6	Swivelling screw fitting 6 mm	0020113165	\$ 179.00
SY NS.8	Swivelling screw fitting 8 mm	0020113164	\$ 167.00
SY NS.12	Swivelling screw fitting 12 mm	0020113163	\$ 167.00
LT 5.30	Tempering hose 800 mm	0020108012	\$ 899.00
LT 5.31	Tempering hose 1200 mm	0020110278	\$ 998.00
LT 5.32	Tempering hose 1600 mm	0020113271	\$ 1,096.00
PT 100.300	Temperature sensor 300 mm	0020114304	\$ 499.00
PT 100.500	Temperature sensor 500 mm	0020114305	\$ 541.00
SY pH 325	pH-Electrode 325 mm	0020114414	\$ 1,108.00
SY pH 425	pH-Electrode 425 mm	0020114415	\$ 1,179.00
SY C1	Reflux condenser	0020113927	\$ 216.00
SY VC	Vacuum cock NS 14/23	0001970900	on request
SY BDV PT 100	Bottom discharge valve with integrated temperature sensor	0020121894	on request
H 71.32*	Temperature sensor 320 mm	0020117772	on request
H 71.45*	Temperature sensor 450 mm	0020118833	on request
R 270.extension	Extension for R 270	0020007927	on request

* For connection to a EUROSTAR control overhead stirrer

LR 1000 basic System

Price on request

Ident. No. 0008040101

- 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

\$ 18,155.00

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

LR-2.ST
The High-Performer

\$ 2 0,614.00
Ident. No. 0020013404

- EUROSTAR 200 control P4
- Overhead stirrer
- LR2.10 Reactor cover
- LR-2.SI Safety disconnection
- LR-2.ST Stand system



LR-2.ST
The Allrounder

\$ 19,142.00
Ident. No. 0020013402

- EUROSTAR 200 control
- Overhead stirrer
- LR2.10 Reactor cover
- LR-2.SI Safety disconnection
- LR-2.ST Stand system



LR-2.ST
The Versatile

\$ 18,552.00
Ident. No. 0020013408

- EUROSTAR 100 control
- Overhead stirrer
- LR2.10 Reactor cover
- LR-2.SI Safety disconnection
- LR-2.ST Stand system



LR-2.ST
The Compact Power

\$ 16,656.00
Ident. No. 0020013406

- EUROSTAR 60 control
- Overhead stirrer
- LR2.10 Reactor cover
- LR-2.SI Safety disconnection
- LR-2.ST Stand system



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

Discover the variety of equipment options with accessories on **page 148** and at www.ika.com



LR-2.ST STARVISC 200

/// Stirs and displays viscosity

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

In addition, ULTRA-TURRAX® dispersers, temperature sensors, flow breakers and other accessories can be attached to the open ports of the reactor cover.

TECHNICAL DATA	LR-2.ST STARVISC 200
Min. volume (anchor stirrer)	500 ml
Max. volume	2000 ml
Max. working temperature	230 °C
Attainable vacuum	25 mbar
Max. viscosity	100 000 mPas
Speed min.	6 rpm
Max. torque at stirring shaft	200 Ncm
Materials in contact with medium	Stainless steel (AISI 316L) FFPM Borosilicate glass 3.3 PTFE
Telescope stand stroke	620 – 1010 mm
Dimensions (W x H x D)	460 x 1240 x 430 mm

LR-2.ST STARVISC 200
\$ 19,872.00
Ident. No. 0020020604



- 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



WiCo LR 1000 LR 1000.3



LR 1000.10 LR 1000.20



LR 1000.41 LR 1000.64



LR 1000.70 MV 1



LR 2000.10



LR 2000.11



LR 2.1



LR 2000.1



LR 2000.2



LR 2000.3



LR 2000.4

Product	Description	Ident. No.	Price
ACCESSORIES LR 1000			
WiCo LR 1000	Wireless controller	0020007267	on request
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	\$ 4,545.00
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	\$ 4,920.00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	\$ 1,215.00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	\$ 498.00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	\$ 659.00
LR 1000.40	Shaft receptacle FFKM	0025001950	\$ 678.00
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	\$ 919.00
LR 1000.61	Temperature sensor receptacle	0004664400	\$ 889.00
LR 1000.62	Sensor receptacle GL 14	0020010508	\$ 726.00
LR 1000.64	pH electrode	0004663300	\$ 1,197.00
LR 1000.65	pH electrode receptacle	0004663400	\$ 1,021.00
LR 1000.70	Lid holder	0025003123	\$ 555.00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	\$ 809.00
Holder MV 1	Holder for cooling water control valve	0020019816	\$ 245.00

ACCESSORIES LR-2.ST			
LR-2.SI	Safety stop	0003318300	\$ 1,237.00
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	\$ 2,200.00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	\$ 1,027.00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	\$ 1,021.00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	\$ 2,566.00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	\$ 3,778.00
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	\$ 5,057.00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	\$ 7,276.00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	\$ 12,369.00



HBR 4 control LR



LT 5.28



T 25 digital LR



S 25 KD - LR - 25 G



S 25 KD - LR - 25 F

Product	Description	Ident. No.	Price
ACCESSORIES LR-2.ST			
LR 2000.40	Shaft receptacle	0002509200	\$ 1,149.00
LR 2000.60	Sensor receptacle	0002509300	\$ 888.00
LR 2000.64	pH process electrode	0020010075	\$ 1,696.00
LR 2000.65	pH measuring sensor receptacle	0003172600	\$ 1,198.00
LR-2.SP	Splinter shield	0003326400	\$ 570.00
LT 5.23 M 16	Adapter G1/4 m - M16 × 1 m	0020106236	\$ 162.00
LT 5.25 200C	Lock coupling 200 °C	0020120795	on request
LT 5.26 200C	Lock adapter 200 °C	0020120796	on request
LT 5.27	Hose adapter set	0020000880	\$ 577.00
LT 5.28	Pressure control valve	0020100227	\$ 234.00
H 68.55	Temp. sensor, stn. steel, Ø 6 mm	0025007921	\$ 472.00
HBR 4 control LR	Heating bath, 4 l	0010001849	on request
PT 1000.61	Temperature sensor, stn. steel, Ø 6 mm	0020009881	\$ 537.00

ACCESSORIES REACTOR SYSTEM			
T 25 digital LR	Disperser	0020008820	\$ 2,428.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	\$ 3,020.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	\$ 2,957.00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	\$ 2,841.00
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	\$ 3,022.00
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	\$ 3,022.00

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

\$ 5,764.00
Ident. No. 0020019397

labworldsoft® 6 Starter Update

\$ 1,155.00
Ident. No. 0020019398

labworldsoft® 6 Advanced

\$ 10,043.00
Ident. No. 0020105873

labworldsoft® 6 Advanced Update

\$ 2,009.00
Ident. No. 0020105874

labworldsoft® 6 Starter Upgrade

\$ 7,390.00
Ident. No. 0020019399

labworldsoft® 6 Pro

\$ 13,153.00
Ident. No. 0020017366

labworldsoft® 6 Pro Update

\$ 2,632.00
Ident. No. 0020018014



Expert Key 100 eco

Expert Key 100 pro



ETH SER 4



PCI 8.2

C 6040 CalWin

\$ 2,878.00
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	on request
MV 1 power plug	Cooling water valve with power plug	0010001655	on request
RV 10 A 1	Adapter valve for Expert Key	0020004314	on request
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	on request
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	on request
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	on request
PC 1.1	Cable, L 3 m	0002616700	\$ 52.00
PC 1.3	Cable, L 1.5 m	0025005322	\$ 43.00
PC 1.5	Cable, L 2.5 m	0002756000	\$ 58.00
PC 2.1	Cable, L 5 m	0002700700	\$ 22.00
PC 3.1	Cable, L 3 m, 9 pins (F), 15 pins (M)	0020122152	on request
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	on request
USB A-B cable	USB A-B cable	0004220200	on request
DTM 12.10	Data cable, L 2.5 m, 9 pins (F)	0003127800	\$ 461.00
PC 1.2	Adapter, 25 pins	0002616800	\$ 83.00
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	\$ 108.00
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	\$ 83.00
PCI 8.2	Plug-in card, 25 pins	0008017500	\$ 1,725.00
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	on request
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 1 Package 1/10**

Price on request

Ident. No. 0010002421
- C 1 Package 1/12**

Price on request

Ident. No. 0010002423
- C 1 Package 2/10**

Price on request

Ident. No. 0010002413
- C 1 Package 2/12**

Price on request

Ident. No. 0010002416
- C 1 Package 3/10**

Price on request

Ident. No. 0010002422
- C 1 Package 3/12**

Price on request

Ident. No. 0010002424



- C 200**
- Price on request
- Ident. No. 0008802501
- C 200 h**
- Price on request
- Ident. No. 0008803701
- C 200 auto**
- Price on request
- Ident. No. 0010002382
- C 200 h auto**
- Price on request
- Ident. No. 0010002388

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

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

\$ 10,401.00
Ident. No. 0008801301



TECHNICAL DATA	C 7000
Maximum energy input	30 000 J
Resolution of the temperature sensor	0.0001 K
Display	LED
Oxygen operating pressure max.	40 bar
Reproducibility (1g benzoic acid NBS39i)	0.2 % RSD
Measuring modes	Double dry (ISO 1928)
Working temperature max.	30 °C
Number of possible decomposition vessels per device	8
Dimensions (W × H × D)	310 × 395 × 490 mm

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



Product	Description	Ident. No.	Price
ACCESSORIES AND CONSUMABLES C 1			
C 1/10	Food add on Package for C 1	0010001919	on request
C 1.20	Water heater	0004501000	on request
C 1.10	Combustion chamber	0004500300	\$ 1,128.00
C 1.12	Combustion chamber, halogen resistant	0004500400	\$ 3,280.00
C 1.50	Dot matrix printer	0004500600	\$ 1,083.00
C 1.30	Venting station	0004500900	\$ 2,423.00
C 1.1012	Organizer	0004500700	\$ 215.00
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	\$ 409.00
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	on request
C 1.103	Ignition wire, Kanthal, 5 pcs.	0004579300	\$ 53.00
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	\$ 175.00

ACCESSORIES AND CONSUMABLES C 6000			
C 6010	Decomposition vessel, standard	0003770000	\$ 4,880.00
C 6012	Decomposition vessel, halogen resistant	0004504000	\$ 9,265.00
C 6010 HE	Standard decomposition vessel with hastelloy electrodes	0020007660	on request
C 6010.10	Combustion shield	0020007518	\$ 236.00
C 1.50	Dot matrix printer	0004500600	\$ 1,083.00
C 6030	Venting station	0004504100	\$ 3,734.00
C 60.1012	Organizer	0004504200	\$ 402.00
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	\$ 1,922.00
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	\$ 4,552.00
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	\$ 52.50
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	\$ 175.00



ACCESSORIES ALL CALORIMETERS			
C 27	Calorimeter preparation set	0004579700	\$ 199.00
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	on request
C 29 (BS341-3)	Pressure regulator, oxygen	0020101322	on request
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	on request
C 21	Pelleting press	0001605300	\$ 4,299.00
C 5010.8	Crucible holder, small	0004579800	\$ 318.00
C 5010.5	Crucible holder, big	0003055900	\$ 243.00



Product	Description	Ident. No.	Price
ACCESSORIES C 200			
C 200.RC	Set of hoses	0020010835	\$ 807.00
C 248	Oxygen station	0003520000	\$ 3,972.00
C 200.1	Measuring cup, 2000 ml	0003548900	\$ 98.00
C 200.2	Conversion kit for C 5012	0004028800	\$ 356.00

ACCESSORIES C 200, C 2000, C 5000			
C 5010	Decomposition vessel, standard	0007114000	\$ 5,041.00
C 5012	Decomposition vessel, halogen resistant	0007215000	\$ 8,882.00
C 5010 HE	Standard decomposition vessel with hastelloy electrodes	0003955000	on request
C 5030	Venting station	0007198000	\$ 3,309.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	\$ 320.00
C 26	Prep stand	0008804000	\$ 1,246.00

ACCESSORIES C 2000, C 5000, C 6000			
C 5020	Sample rack	0007145000	\$ 8,652.00

ACCESSORIES C 2000, C 5000			
C 5041.10	Connection cable	0003036000	on request

ACCESSORIES C 1, C 2000, C 6000			
C 25	Pressure regulating valve	0003197200	\$ 1,233.00





Product	Description	Ident. No.	Price
CONSUMABLES ALL CALORIMETERS			
C 6000.1*	Water protect, 100 ml	0020014031	\$ 129.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	\$ 118.00
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	\$ 116.00
C 4	Quartz dish	0001695500	\$ 69.50
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	\$ 450.00
C 6	Quartz dish, big	0000355100	\$ 160.00
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	\$ 450.00
C 9	Gelatine capsules, 100 pcs.	0000749900	\$ 82.50
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	\$ 340.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	\$ 103.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	\$ 110.00
C 15	Parafilm strips	0003131100	\$ 116.00
C 16	Parafilm, 1000 × 50 mm	0003801100	\$ 339.00
C 17	Paraffin, liquid, 30 ml	0003801200	\$ 557.00
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	\$ 1,306.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	\$ 66.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	\$ 545.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	\$ 381.00
CONSUMABLES C 200, C 2000, C 5000			
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	\$ 85.50
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	\$ 326.00
C 14	Combustible crucibles, 100 pcs.	0007224500	\$ 340.00

* 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	\$ 15,058.00
AOD 1.2	External ignition unit	0003348001	\$ 6,090.00
AOD 1.3	Protection device	0003308000	\$ 5,218.00
AOD 1.13	Remote ignition head	0003348100	\$ 1,484.00
C 48	Oxygen station	0001560000	\$ 4,247.00
C 7030	Venting station	0003013300	\$ 4,418.00
C 21	Pelleting press	0001605300	\$ 4,299.00
C 29 (DIN 477)	Pressure gauge, oxygen	0020101322	\$ 2,367.00
C 29 (BS341-3)	Pressure gauge, oxygen	0020101322	\$ 2,367.00
C 29 (NFE29-656)	Pressure gauge, oxygen	0020101828	\$ 2,367.00
C 5010.4	Attachment for combustible crucible C 14	0003016900	\$ 320.00
CONSUMABLES AOD 1			
C 4	Quartz dish	0001695500	\$ 69.50
C 9	Gelatine capsules, 100 pcs.	0000749900	\$ 82.50
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	\$ 340.00
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	\$ 103.00
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	\$ 110.00
C 14	Combustible crucibles, 100 pcs.	0007224500	\$ 340.00
C 15	Parafilm strips	0003131100	\$ 116.00
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	\$ 326.00
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	\$ 118.00
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	\$ 381.00
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	\$ 66.00
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	\$ 545.00

C 6040 CalWin
\$ 2,878.00
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	\$ 51.50
R 200	Clamp for T 10 basic and R 104	0003372000	\$ 144.00
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	\$ 60.00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	\$ 65.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	\$ 96.00
R 350	Universal clamp	0001752900	\$ 288.00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	\$ 99.00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	\$ 247.00
LABLIFT m	Manual scissor lift	0004022400	\$ 332.00
STANDS			
R 104	Stand for T 10 basic, H 370 mm	0003386000	\$ 215.00
R 1825	Plate stand, H 560 mm	0003160000	\$ 285.00
R 1826	Plate stand, H 800 mm	0003160100	\$ 321.00
R 1827	Plate stand, H 1000 mm	0003160200	\$ 332.00
R 2722	H-stand, 1010 mm	0001412000	\$ 643.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	\$ 701.00
T 653	Telescopic stand, H 1200 mm	0001608000	\$ 2,845.00
R 474	Telescopic stand, H 1200 mm	0001643000	\$ 2,364.00
R 472	Floor stand, H 2020 mm	0000738700	\$ 8,343.00
R 2850	Floor stand, H 1900 mm	0020002900	\$ 3,884.00
R 6547 H	Floor stand, hydraulic	0020018533	on request
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018680	\$ 4,275.00



ALMEMO 2490



PT 100.23

Product	Description	Ident. No.	Price
ELECTRONIC STANDS			
IKA [scale]	Stand with weighing function	0025004318	\$ 1,413.00
R 6547 E 400V	Floor stand, electrohydraulics	0020018673	on request
R 2850.SI	Safety stop	0020010623	\$ 1,618.00
ALMEMO TEMPERATURE MEASURING INSTRUMENT			
ALMEMO 2490-2	Temperature measuring instrument	0004709300	\$ 3,436.00
ALMEMO USB cable	USB cable	0004709400	\$ 521.00
PT 100.23	Temp. sensor, stn. steel, Ø3 mm, length: 250 mm	0003122100	\$ 459.00
PT 100.24	Temp. sensor, stn. steel, coated, Ø6 mm, 250 mm	0003122200	\$ 935.00
PT 100.25	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0003122300	\$ 431.00

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	\$ 1,310.00
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	\$ 1,396.00
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	\$ 1,541.00
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 25 ellipse	Stir bar	0004494800	
RCT basic Synthesis Solution 500		0010012114	\$ 1,569.00
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 30 ellipse	Stir bar	0004495000	
RCT basic Synthesis Solution 1000		0010012116	\$ 1,635.00
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 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		0025005836	\$ 2,581.00
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		0010013297	Price on request
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		0010013296	Price on request
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 PACKAGES			
Tube Mill control Agriculture Solution		0010013298	\$ 3,794.00
Tube Mill control	Batch mill	0020000279	
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	
Tube Mill 100 control Pharma Solution		0010013309	\$ 4,255.00
Tube Mill 100 control	Batch mill	0020007146	
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	



C 1

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 1 Package 1/10 Package		0010002421	on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
RC 2 basic	Recirculating chiller	0004171001	
C 1 Package 2/10 Package		0010002413	on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1 Package 3/10 Package		0010002422	on request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1.20	Water heater	0004501000	
C 1 Package 1/12 Package		0010002423	on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
RC 2 basic	Recirculating chiller	0004171001	
C 1 Package 2/12 Package		0010002416	on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1 Package 3/12 Package		0010002424	on request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1.20	Water heater	0004501000	
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	0004171001	
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	0004171001	
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	0004171001	
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	0004171001	
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	0020015793	
HB eco	Heating bath	0020016413	
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	0020015793	
HB eco	Heating bath	0020016413	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 3 FLEX Package			
RV 3	Drive	0020015793	
HB eco	Heating bath	0020016413	
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	0020016395	
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	0020016395	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.73	Vapor tube, NS 24/40	0003829400	
RV 8 FLEX Package			
RV 8	Drive	0025002822	
HB digital	Heating bath	0020016395	
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	0020015793	
HB eco	Heating bath	0020016413	
RV 10.20110	Evaporation flask (NS 24/40, 1,000 ml)	0003845700	
RV 10.4	Dry ice condenser	0003742000	
RV 10.103	RV 10.103 Receiving flask (KS 35/20, 1.000 ml)	0003742500	
RV 3 dry ice condensor, coated			
RV 3	Drive	0020015793	
HB eco	Heating bath	0020016413	
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, 1,000 ml)	0020000026	
RV 8 dry ice condensor			
RV 8	Drive	0025002822	
HB digital	Heating bath	0020016395	
RV 10.20110	Evaporation flask (NS 24/40, 1,000 ml)	0003845700	
RV 10.4	Dry ice condenser	0003742000	
RV 10.103	RV 10.103 Receiving flask (KS 35/20, 1,000 ml)	0003742500	
RV 8 dry ice condensor, coated			
RV 8	Drive	0025002822	
HB digital	Heating bath	0020016395	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.103	Receiving flask (KS 35/20, 1000 ml)	0003742500	
RV 10.20110	Evaporation flask, coated, (NS 24/40, 1,000 ml)	0020000026	
RV 10 digital Dry Ice Condenser			
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0020016395	
RV 10.20110	Evaporation flask (NS 24/40, 1,000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.103	Receiving flask (KS 35/20, 1,000 ml)	0003742500	
RV 10 digital dry ice condenser, coated			
RV 10 digital	Drive	0020015793	
HB digital	Heating bath	0020016395	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.103	Receiving flask (KS 35/20, 1,000 ml)	0003742500	
RV 10.20110	Evaporation flask, coated, (NS 24/40, 1,000 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	\$ 5,595.00
HB digital	Heating bath	0003550099	
RV 10.900	Set of glassware, vertical	0025004361	
RV 10.73	Vapor tube, NS 24/40	0003842500	
		0003829400	
RV 10 digital V-C Package			
RV 10 digital	Drive	0010005185	\$ 5,770.00
HB digital	Heating bath	0003550099	
RV 10.10	Set of glassware, vertical, coated	0025004361	
RV 10.73	Vapor tube, NS 24/40	0003755400	
		0003829400	
RV 10 digital FLEX Package			
RV 10 digital	Drive	0010005186	\$ 4,854.00
HB digital	Heating bath	0003550099	
RV 05.10	Balljoint clamp	0025004361	
RV 10.73	Vapor tube, NS 24/40	0000736600	
RV 10.89	Clamp, NS 24	0003829400	
		0003756200	
RV 10 auto pro V Package			
RV 10 auto	Drive	0010004815	\$ 13,754.00
VACSTAR digital	Pump with analog connection	0020003919	
HB digital	Heating bath	0020016236	
RV 10.1	Set of glassware, vertical	0025004361	
RV 10.73	Vapor tube, NS 24/40	0003655300	
		0003829400	
RV 10 auto pro V-C Package			
RV 10 auto	Drive	0010004812	\$ 13,915.00
VACSTAR digital	Pump with analog connection	0020003919	
HB digital	Heating bath	0020016236	
RV 10.10	Set of glassware, vertical, coated	0025004361	
RV 10.73	Vapor tube, NS 24/40	0003755400	
		0003829400	
RV 10 auto pro FLEX Package			
RV 10 auto	Drive	0010005197	\$ 12,987.00
VACSTAR digital	Pump with analog connection	0020003919	
HB digital	Heating bath	0020016236	
RV 05.10	Balljoint clamp	0025004361	
RV 10.73	Vapor tube, NS 24/40	0000736600	
RV 10.89	Clamp, NS 24	0003829400	
		0003756200	



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 PACKAGES			
RV 3 pro V Complete			
RV 3 V	Drive	0010011965	\$ 10,337.00
VC 10 lite	Vacuum controller	0020015793	
VACSTAR digital	Pump with analog connection	0020111998	
RC 2 lite	Recirculating chiller	0020016237	
RV 10.5005	Hose kit	0025007939	
VC 10.500	Stand pole	0020000552	
		0035002702	
RV 8 pro V Complete			
RV 8 V	Drive	0010011966	\$ 12,438.00
VC 10 lite	Vacuum controller	0025002822	
VACSTAR digital	Pump with analog connection	0020111998	
RC 2 lite	Recirculating chiller	0020016237	
RV 10.5005	Hose kit	0025007939	
RV 8.3	Stand pole	0020000552	
		0025004707	
RV 10 digital pro V Complete			
RV 10 digital	Drive	0010011967	\$ 13,752.00
VC 10 lite	Vacuum controller	0003550099	
VACSTAR digital	Pump with analog connection	0020111998	
RC 2 lite	Recirculating chiller	0020016237	
RV 10.5005	Hose kit	0025007939	
VC 10.400	Stand	0020000552	
		0035001735	
RV 10 auto pro V-C Complete			
RV 10 auto pro V-C	Drive	0010007358	\$ 16,292.00
VC 10 lite	Vacuum controller	0010004812	
VACSTAR digital	Pump with analog connection	0020111998	
VSE 1	Vacuum safety emission condenser	0020016237	
RC 2 lite	Recirculating chiller	0035001873	
H.SI.8	Hose set	0025007939	
RV 10.73	Vapor tube, NS 24/40	0004569000	
RV 10.910	Set of glassware, vertical, coated	0003829400	
		0003842600	
RV 10 digital pro V double Complete			
RV 10 digital pro V (2 pcs.)	Drive	0010011968	\$ 24,442.00
VC 10 pro (2 pcs.)	Vacuum controller	001000480	
VACSTAR digital	Pump with analog connection	0020112031	
VSE 1	Vacuum safety emission condenser	0020016237	
RC 2 GREEN basic	Recirculating chiller	0035001873	
RV 10.5005 (2 pcs.)	Hose kit	0025007402	
VC 10.300 (2 pcs.)	Check valve	0020000552	
Y hose connector (2 pcs.)	Y-hose connector	0020011105	
		0020010963	



EasySyn 500 Starter Reactor system



EasySyn 2000 Starter Reactor system

Product	Description	Ident. No.	Price
SYNTHESIS REACTORS			
EasySyn 500 Starter Reactor system		0020113433	\$ 8,334.00
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		0020113435	\$ 8,452.00
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		0020113438	\$ 9,427.00
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		0020113442	\$ 9,844.00
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	



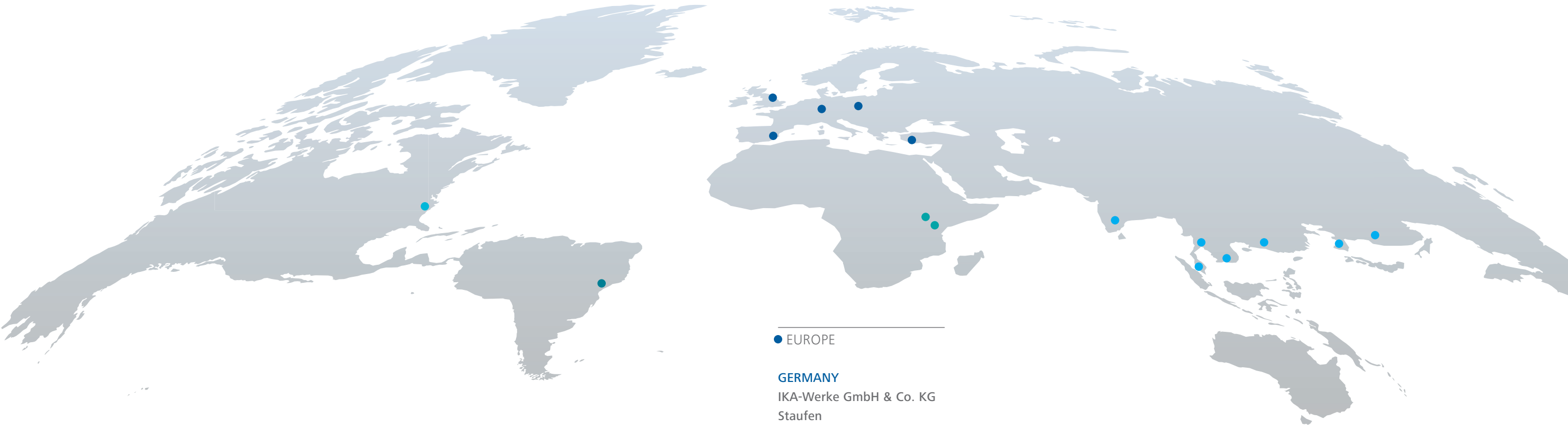
EasySyn 1000 Advanced Reactor system



EasySyn 5000 Advanced Reactor system

Product	Description	Ident. No.	Price
SYNTHESIS REACTORS			
EasySyn 500 Advanced Reactor system		0020113434	\$ 11,616.00
EUROSTAR 100 control	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	
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		0020113436	\$ 11,733.00
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		0020113440	\$ 12,709.00
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		0020113443	\$ 13,126.00
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	





IKA WORLDWIDE

/// Together to work perfectly

IKA develops and manufactures the most modern solutions for laboratories and for the process industry. In order to make our customers’ work even more successful, we combine the latest technology with innovative design and we look far into the future. Our products are prepared accordingly for integration in your digital laboratory.

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

In our headquarters in Staufen, we have been developing our products and technologies with the collaboration of application experts from the fields of science and industry for over 70 years. From there, they are sold to more than 160 countries. For excellent local service, IKA also operates its own subsidiaries at sixteen locations on five continents.

● NORTH AMERICA

USA
IKA Works, Inc.
Willmington
Phone: +1 910 452-7059
sales@ika.net

● SOUTH AMERICA

BRAZIL
IKA Brazil
Campinas/Rio de Janero
Phone: +55 19 3772-9600
sales@ika.net.br

● EUROPE

GERMANY
IKA-Werke GmbH & Co. KG
Staufen
Phone: +49 7633 831-0
sales@ika.de

UNITED KINGDOM
IKA England LTD.
Oxford
Phone: +44 1865 986 162
sales.english@ika.com

POLAND
IKA Poland Sp. z o.o.
Warsaw
Phone: +48 22 201 99 79
sales.poland@ika.com

TURKEY
IKA Turkey
Istanbul (Tuzla)
Phone: +90 216 394 43 43
sales.turkey@ika.com

SPAIN
IKA Works Spain, S. L.
Barcelona
sales.spain@ika.com

● AFRICA

KENYA
IKA Works Kenya Ltd.
Nairobi
Phone: +254 112 323 745
sales.kenya@ika.com

UGANDA
IKA Works Kampala Limited
Kampala
Phone: +254 112 323 745
sales.uganda@ika.com

● ASIA

INDIA
IKA India Private Limited
Bangalore
Phone: +91 80 26253 900
info@ika.in

THAILAND
IKA Works (Thailand) Co. Ltd.
Bangkok
Phone: +66 2059 4690
sales.lab-thailand@ika.com

MALAYSIA
IKA Works (Asia) Sdn Bhd
Kuala Lumpur (Rawang)
Phone: +60 3 6099-5666
sales.lab@ika.my

VIETNAM
IKA Vietnam Company
Limited
Ho Chi Minh City
Phone: +84 28 38202142
sales.lab-vietnam@ika.com

CHINA
IKA Works Guangzhou
Guangzhou
Phone: +86 20 8222 6771
info@ika.cn

KOREA
IKA Korea Ltd.
Seoul
Phone: +82 2 2136 6800
info@ika.kr

JAPAN
IKA Japan K.K.
Osaka
Phone: +81 6 6730 6781
info_japan@ika.ne.jp



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IKA Works, Inc.

2635 Northchase Parkway SE,
Wilmington, NC 28405, USA
Phone: +1 910 452-7059
eMail: sales@ika.net



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