

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.

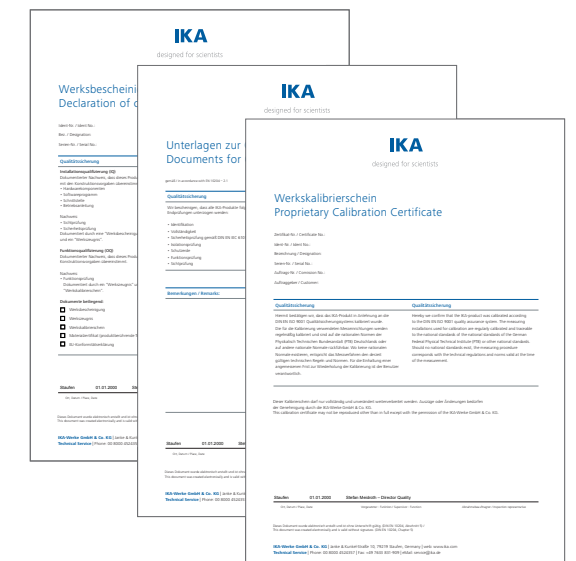
The product-specific documents are prepared individually according to your requirements. These product-specific documents consist of detailed descriptions of installation qualifications (IQ), functional tests (OQ) and process qualifications (PQ) to be performed based on the customer specification (DQ).

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.lab-ana@ika.my.



/// 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: +60 3 6099-5666

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 IKA TWISTER, the completely rethought mixing expert with patented design from IKA, received the Red dot award in the product design category. IKA 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. 0010007533



HABITAT cell cct

Price on request
Ident. No. 0010007573

HABITAT ferment

Price on request
Ident. No. 0010007543



HABITAT ferment cct

Price on request
Ident. No. 0010007585

HABITAT photo cell

Price on request
Ident. No. 0010007553



HABITAT photo ferment

Price on request
Ident. No. 0010007563



HABITAT photo cell cct

Price on request
Ident. No. 0010007595

HABITAT photo ferment cct

Price on request
Ident. No. 0010007605

TECHNICAL DATA

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, RS232, Ethernet, SU connect, circulator, ext. pump, ext. signal 4...20 mA

Dimensions (W × H × D)

224 × 624 × 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, RS232, Ethernet, SU connect, circulator, ext. pump, ext. signal 4...20 mA

224 × 624 × 405 mm

① HABITAT cell sw 0.5

Price on request
Ident. No. 0010007644

② HABITAT cell dw 0.5

Price on request
Ident. No. 0010007645



① HABITAT cell sw 1

Price on request
Ident. No. 0010007646

② HABITAT cell dw 1

Price on request
Ident. No. 0010007647



① HABITAT cell sw 2

Price on request
Ident. No. 0010007648

② HABITAT cell dw 2

Price on request
Ident. No. 0010007649



① HABITAT cell sw 5

Price on request
Ident. No. 0010007650

② HABITAT cell dw 5

Price on request
Ident. No. 0010007651

③ HABITAT cell dw 10

Price on request
Ident. No. 0010007652



TECHNICAL DATA	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	On request
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, 230V	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!
sales.process@ika.my

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
THB 172,050.00
Ident. No. 0020008980

Ready-To-Go package



ElectraSyn 2.0 pro Package
THB 202,210.00
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	ELECTRASYN 2.0 PACKAGE PRO PACKAGE
Stirring speed range	50 – 1500 rpm
Maximum voltage output	30 V 20 V 10 V
Maximum current output	100 mA
Display	TFT
Permissible ambient temperature	5 – 50 °C
Dimensions (W × H × D)	130 × 150 × 250 mm
Protection class according to DIN EN 60529	IP 40

ELECTRASYN 2.0 APP



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



Carousel complete



GOGO Module



e-Hive



Fritte Sample Set

Product	Description	Ident. No.	Price
ATTACHMENTS			
Carousel	Attachment for multi measurements	0020017512	THB 143,940.00
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	THB 200,260.00
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	THB 179,870.00
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	THB 39,580.00
Pro-Seal	Vial cap for gas exchange	0040007151	THB 28,160.00
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	THB 43,040.00
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	THB 13,450.00
ACCESSORIES PRO-DIVIDE			
Fritte Set, 1 µm	Glass frit, 2 pcs.	0020102632	THB 4,660.00
Fritte Set, 5 µm	Glass frit, 2 pcs.	0020102633	THB 2,160.00
Fritte Set, 10 µm	Glass frit, 2 pcs.	0020102634	THB 2,490.00
Fritte Sample Set	Kit of 1/5/10 µm glass frit, 1 pc. each	0020101403	THB 4,530.00
ELECTRODES FOR E-HIVE			
Copper electrode inner	Anode copper (24 pcs.)	0040007427	THB 22,570.00
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	THB 9,020.00
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	THB 18,000.00
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	THB 39,310.00
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	THB 31,040.00
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	THB 11,070.00



Fritte Set



Glass vial 5 ml

Glass vial complete 10 ml



ElectraSyn 2.0 Complete Starter Kit



Microvial 1 ml

Microvial 2 ml

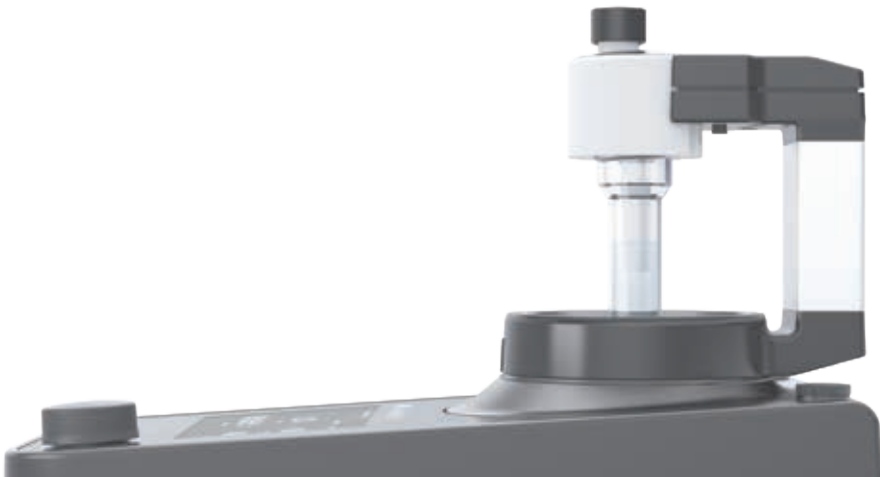


ElectraSyn 2.0 Micro Starter Kit complete

Product	Description	Ident. No.	Price
VIALS / ELECTRODES			
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	THB 8,170.00
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	THB 7,600.00
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	THB 7,650.00
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	THB 18,570.00
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	THB 12,620.00
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	THB 13,680.00
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	THB 96,880.00
ElectraSyn 2.0 Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	THB 68,100.00
ElectraSyn 2.0 vials only Kit	Kit of 10 × 5 ml, 10 × 10 ml, 10 × 20 ml vials	0010003811	THB 44,870.00
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	THB 164,860.00
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	THB 30,210.00
MICROVIALS / MICROELECTRODES			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	THB 10,180.00
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	THB 10,180.00
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	THB 26,480.00
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	THB 26,130.00
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	THB 142,370.00
ElectraSyn 2.0 microvials only	Kit 10 × 1 ml, 10 × 2 ml vials	0040004103	THB 52,600.00
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	THB 72,940.00
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	THB 205,150.00



Product	Ident. No.	Price
ELEKTRODEN		
① Electrode graphite (12 pcs.)	0040002858	THB 10,760.00
② Electrode glassy carbon (2 pcs.)	0040002842	THB 8,090.00
Electrode lead bronze (2 pcs.)	0020016076	THB 8,170.00
Electrode lead (12 pcs.)	0040002843	THB 20,160.00
Electrode tungsten (2 pcs.)	0040002845	THB 20,530.00
③ Electrode niobium (2 pcs.)	0040002846	THB 7,650.00
④ Electrode copper (12 pcs.)	0040002847	THB 5,560.00
Electrode magnesium (12 pcs.)	0040002848	THB 19,720.00
Electrode titanium (12 pcs.)	0040002849	THB 18,260.00
Electrode zinc (12 pcs.)	0040002850	THB 18,260.00
Electrode stainless steel (12 pcs.)	0040002851	THB 4,980.00
⑤ Electrode CV Platinum (2 pcs.)	0040002852	THB 7,150.00
Electrode platinum foil (2 pcs.)	0040005015	THB 35,850.00
Electrode platinum on ceramics (2 pcs.)	0040006753	THB 19,780.00
Electrode gold plated (2 pcs.)	0040002853	THB 18,390.00
⑥ Electrode silver plated (2 pcs.)	0040002854	THB 5,950.00
Electrode aluminium (12 pcs.)	0040003174	THB 10,840.00
Electrode boron doped diamond (2 pcs.)	0040002856	THB 31,900.00
Electrode tin (12 pcs.)	0040002857	THB 19,150.00
⑦ Electrode nickel (12 pcs.)	0040002859	THB 12,560.00
⑧ Electrode RVC foam (12 pcs.)	0040002860	THB 18,120.00
Electrode nickel foam (12 pcs.)	0040002861	THB 4,440.00
Electrode cobalt (2 pcs.)	0040003385	THB 5,060.00
⑨ Electrode reference (1 pc.)	0040002865	THB 13,070.00
Electrode CV glassy carbon (1 pc.)	0040002863	THB 7,150.00



Product	Ident. No.	Price
MICROELECTRODES		
① Microelectrode aluminium (12 pcs.)	0040004029	THB 5,340.00
Microelectrode boron-doped diamond (2 pcs.)	0040004036	THB 45,090.00
② Microelectrode cobalt (2 pcs.)	0040004039	THB 7,680.00
③ Microelectrode copper (12 pcs.)	0040004027	THB 12,880.00
④ Microelectrode glassy carbon (2 pcs.)	0040004022	THB 9,910.00
⑤ Microelectrode gold (2 pcs.)	0040004034	THB 12,880.00
Microelectrode graphite SK-50 (12 pcs.)	0040004021	THB 13,070.00
Microelectrode lead (12 pcs.)	0040004028	THB 53,440.00
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	THB 13,900.00
Microelectrode magnesium (12 pcs.)	0040004025	THB 31,330.00
Microelectrode nickel (12 pcs.)	0040004023	THB 41,050.00
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	THB 5,780.00
⑧ Microelectrode niobium (2 pcs.)	0040004032	THB 13,010.00
Microelectrode silver (2 pcs.)	0040004035	THB 4,440.00
Microelectrode stainless steel (12 pcs.)	0040004024	THB 9,150.00
⑨ Microelectrode tin (12 pcs.)	0040004037	THB 35,950.00
Microelectrode titanium (12 pcs.)	0040004033	THB 31,330.00
Microelectrode tungsten (2 pcs.)	0040004031	THB 5,860.00
Microelectrode zinc (12 pcs.)	0040004026	THB 31,330.00

Screening System Package
(8 cells)

THB 616,860.00
Ident. No. 0040003642



Screening System Package
(6 cells)

THB 670,260.00
Ident. No. 0040003631



TECHNICAL DATA	
CONTINUOUSLY ADJUSTABLE POWER SUPPLY	
Voltage output	0 – 32 V (± 1 mV)
Supply voltage	115 or 230 V (50 Hz / 60 Hz)
MAGNETIC STIRRER	
Speed range	0 – 1500 rpm
REACTION CELLS	
Number of cells	6 (divided cell) or 8 (undivided cell)
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)

SCREENING SYSTEM
PACKAGE (6 | 8 CELLS)

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)	Screening System Package (6 cells)
Reaction block	Reaction block
Single Cells	Divided Cell
Aluminum block	Aluminum block
IKA Plate (RCT digital)	IKA Plate (RCT digital)
Magnetic stirrer, including PT 1000 temperature sensor	Magnetic stirrer, including PT 1000 temperature sensor
Crown stirrer 8 pcs.	Crown stirrer 12 pcs.
Cable Set with crocodile clamps	Cable Set with crocodile clamps
Step-up transformer	Step-up transformer



Reaction block with 6 divided cells



Reaction block with 8 undivided cells



Divided cell



LABORATORY SOFTWARE
labworldsoft® 6 Screening System
THB 39,410.00
Ident. No. 0020023690

Product	Ident. No.	Price
ACCESSORIES SCREENING SYSTEM		
Reaction block with 6 divided cells	0020015936	THB 115,190.00
Reaction block with 8 undivided cells	0020015943	THB 63,350.00
Set of reaction cells (6 divided cells)	0040003647	THB 103,640.00
Set of reaction cells (8 undivided cells)	0040003648	THB 51,800.00
SC.MF Manifold	0020110119	THB 9,680.00
SC.MF.CP.UDIV Manifold cap, for undivided cells	0020110375	THB 8,390.00
SC.MF.CP.DIV Manifold cap, for divided cells	0020110376	THB 8,130.00
ELECTRODES		
Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	THB 224,430.00
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	THB 55,620.00
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	THB 9,550.00
Electrode 0.7 platinum (8 pcs.)	0040003678	THB 34,120.00
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	THB 20,220.00
Electrode 0.7 gold (8 pcs.)	0040003934	THB 21,580.00
Electrode 0.7 silver (8 pcs.)	0040003938	THB 16,750.00
Electrode 0.7 nickel foam (16 pcs.)	0040003935	THB 4,580.00
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	THB 38,260.00
Electrode 0.7 nickel (16 pcs.)	0040003671	THB 26,040.00
Electrode 0.7 stainless steel (8 pcs.)	0040003672	THB 14,390.00
Electrode 0.7 lead (16 pcs.)	0040003673	THB 28,390.00
Electrode 0.7 lead bronze (8 pcs.)	0040003674	THB 18,660.00
Electrode 0.7 copper (8 pcs.)	0040003675	THB 12,340.00
Electrode 0.7 magnesium (16 pcs.)	0040003677	THB 26,040.00
Electrode 0.7 zinc (16 pcs.)	0040003680	THB 24,560.00
Electrode 0.7 aluminium (16 pcs.)	0040003682	THB 30,660.00
Electrode 0.7 cobalt (8 pcs.)	0040003933	THB 17,730.00
Electrode 0.7 niobium (8 pcs.)	0040003936	THB 16,210.00
Electrode 0.7 tin (8 pcs.)	0040003939	THB 14,080.00
Electrode 0.7 titanium (8 pcs.)	0040003940	THB 12,930.00
Electrode 0.7 tungsten (8 pcs.)	0040003941	THB 18,660.00
Electrode 0.7 RVC (16 pcs.)	0040003937	THB 22,570.00
Electrode 0.7 Sampler Kit incl. 7 × 2 electrodes*	0040004509	THB 82,980.00
Electrode 0.7 Starter Kit incl. 9 × 1 electrode**	0040003646	THB 254,990.00
FURTHER ACCESSORIES		
Electrode 0.7 power supply	0040003604	THB 230,290.00
SC 1.1 Cable (1 – 4)	0040003663	THB 7,560.00
SC 1.2 Cable (5 – 8)	0020018590	THB 7,560.00
SC 2.1 Crocodile clip for cable set	0040003630	THB 1,520.00
labworldsoft® 6 Screening System	0020023690	THB 39,410.00

*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

THB 244,860.00

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 × H × D)	250 × 375 × 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	THB 4,260.00
CDR.PP standard	Disc reactor set, polypropylene, standard, 2 pcs.	0020102637	THB 4,260.00
CDR.PVDF narrow	Disc reactor set, polyvinylidene difluoride, narrow, 2 pcs.	0020102706	THB 9,240.00
CDR.PVDF standard	Disc reactor set, polyvinylidene difluoride, standard, 2 pcs.	0020102638	THB 9,240.00

MIXING CHIPS

MX.PP	Mixing chip set, polypropylene	0020103092	THB 2,720.00
MX.PVDF	Mixing chip set, polyvinylidene difluoride	0020103093	THB 5,820.00

OTHER ACCESSORIES

Heating Block	Heating block for up to four disc reactors	0020103369	THB 9,770.00
Capillary Set	Capillary set, 4 pcs.	0020103091	THB 10,620.00



CDR.PP narrow



CDR.PVDF standard



MX.PP



MX.PVDF



Heating Block



Capillary Set

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

IKA TWISTER

/// From magnetic stirrer to shaker and back



THE TRANSFORMER

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

NEW OPERATING CONCEPT AND INNOVATIVE DISPLAY

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

/// UNIVERSAL MIXING DRIVE

IKA TWISTER SET 1

THB 13,120.00
Ident. No. 0020027010



IKA TWISTER SET 2

THB 24,640.00
Ident. No. 0020027388



IKA TWISTER SET 3

THB 36,120.00
Ident. No. 0020027389



IKA TWISTER SET 4

THB 47,650.00
Ident. No. 0020027390



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



Product	Description	Ident. No.	Price
IKA TWISTER ACCESSORIES			
IKA TWISTER Add-on unit	Magnetic stirrer, without power supply	0020112621	THB 11,800.00
TW.IX	Stirring attachment, 9 positions	0020103426	THB 9,170.00
TW.VX	Shaking attachment	0020110145	THB 7,360.00
TW.IX.28	Vessel holder for jars (28 mm)	0020112966	THB 1,820.00
TW.IX 23	Vessel holder for jars (23 mm)	0020112965	THB 1,820.00
STICKMAX II	Universal adhesive mat for IKA TWISTER	0020112736	THB 1,320.00
TW.IX.ANTISLIP	Anti-slip mat for TW.IX	0020111461	THB 370.00

UNIVERSAL ATTACHMENTS AND BASIC HOLDERS

MS 3.3	Universal attachment	0003426600	THB 640.00
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TUBE INSERTS

MS 3.1	Standard attachment	0003426300	THB 640.00
MS 1.21	One-hand insert	L001540	THB 920.00
MS 1.30	Attachment for 0.5 ml tubes	0025005776	THB 1,940.00
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	THB 2,020.00
MS 1.32	Test tube insert, 6 x Ø12 mm	L001850	THB 2,020.00
MS 1.33	Test tube insert, 4 x Ø16 mm	L001860	THB 2,020.00
MS 1.34	Test tube insert	L001830	THB 990.00

MICROTITER PLATE AND PCR ATTACHMENTS

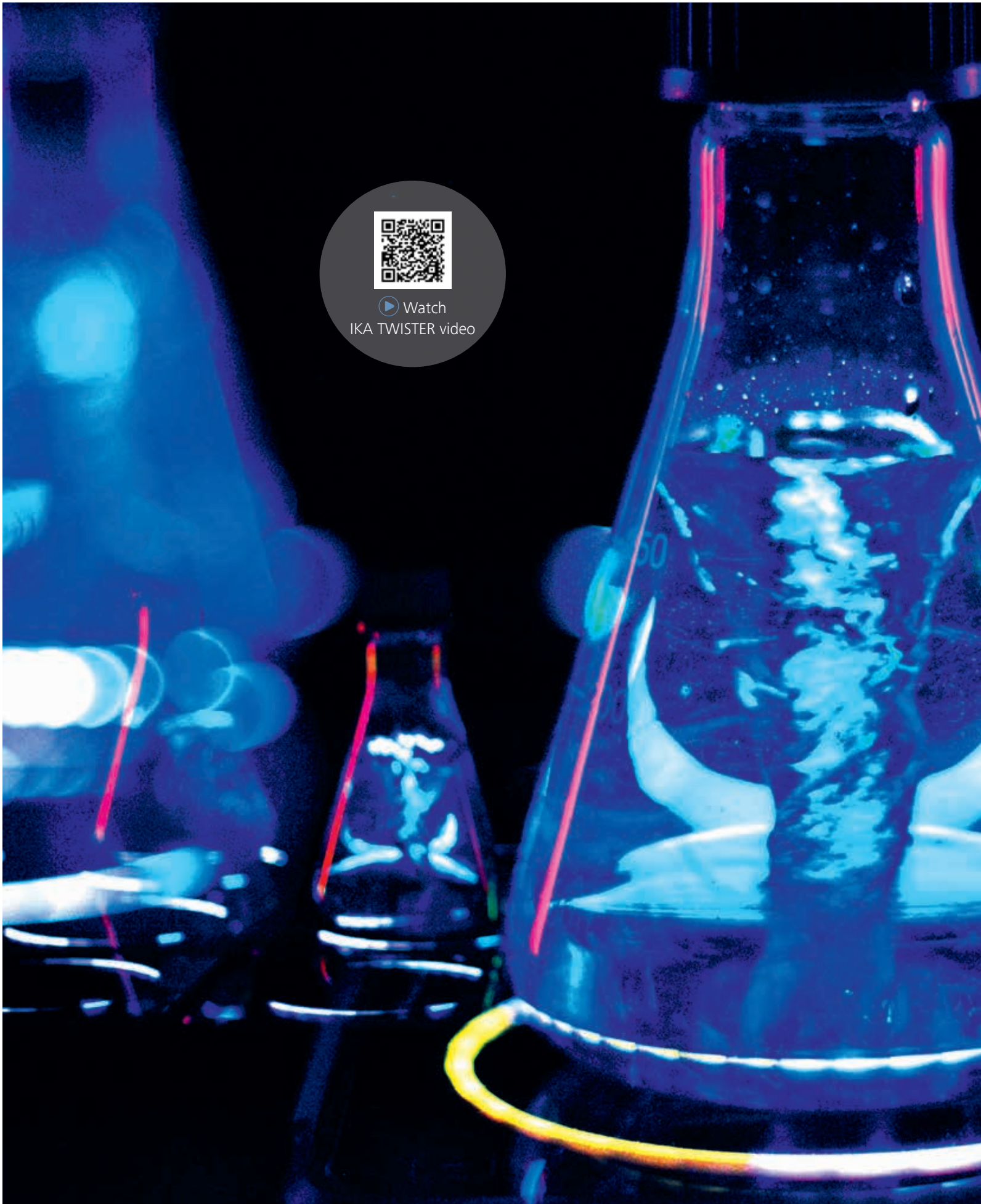
MS 3.4	Microtiter plate attachment	0003426400	THB 2,020.00
MS 3.5	PCR plate attachment, 96-well	0003428000	THB 2,020.00

STIRRING BARS, PTFE COATED, POWER

IKAFLON 10 power ellipse	Magnetic stirring bar, ellipse, rare earth, 6 x 10 mm, 5 pc.	0020110607	THB 770.00
IKAFLON 15 power ellipse	Magnetic stirring bar, ellipse, rare earth, 10 x 15 mm, 5 pc.	0020110747	THB 1,120.00
IKAFLON 25 power ellipse	Magnetic stirring bar, ellipse, rare earth, 14 x 25 mm, 5 pc.	0020110748	THB 1,490.00

POWER SUPPLY AND DATA CABLES

TW.PWR.0	Power supply incl. device plug (≤ 2 devices)	0020121797	THB 2,570.00
TW.PWR.1	Power supply ≤ 4 devices	0025005565	THB 1,820.00
TW.PWR.2	Power supply ≤ 4 units	0020116436	THB 3,920.00
TW.CABLE	Connection cable 0.5 m	0020025856	THB 1,160.00



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

RCT basic
/// Bestseller reloaded

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



▶ Watch
RCT video

EVEN MORE SAFETY

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

NEW FEATURES

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

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

PROVEN FEATURES REMAIN

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

/// MAGNETIC STIRRERS WITH GLASS SURFACE

RCT basic

THB 22,170.00
Ident. No. 0025005927



IKA Plate (RCT digital)

THB 35,600.00
Ident. No. 0025004601



RCT basic ready-to-go
Solution

THB 28,300.00
Ident. No. 0010011525

RCT basic ETS-D5
Solution

THB 41,070.00
Ident. No. 0010011496

RCT basic Synthesis
Solution 250

THB 39,410.00
Ident. No. 0010011505

RCT basic Synthesis
Solution 500

THB 39,410.00
Ident. No. 0010011502

RCT basic Synthesis
Solution 1000

THB 41,070.00
Ident. No. 0010011508

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
THB 36,510.00
Ident. No. 0020002704

850 W
Power

C-MAG HS 7 control
THB 36,510.00
Ident. No. 0020002694



① C-MAG HS 4 digital
THB 26,050.00
Ident. No. 0004240200

② C-MAG HS 7 digital
THB 21,490.00
Ident. No. 0003487000

③ C-MAG HS 10 digital
THB 34,210.00
Ident. No. 0004240400



① C-MAG HS 4
THB 21,200.00
Ident. No. 0003581000

② C-MAG HS 7
THB 20,260.00
Ident. No. 0003581200

③ C-MAG HS 10
THB 26,210.00
Ident. No. 0003581400



C-MAG HS 7 Package THB 26,840.00
0009015900

- C-MAG HS 7 Magnetic Stirrer with heating and ceramic plate
- ETS-D5 Electronic contact thermometer
- H 38 Holding rod
- H 44 Boss head clamp
- H 16 V Support rod

TECHNICAL DATA	RCT 5 DIGITAL	C-MAG HS 7 CONTROL	C-MAG HS 4 7 10 DIGITAL	C-MAG HS 4 7 10
Stirring quantity max. (H 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
THB 45,930.00
Ident. No. 0003622000



① RH basic
THB 20,910.00
Ident. No. 0005019700

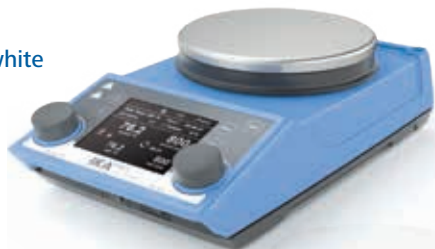
② RH basic white
THB 23,420.00
Ident. No. 0005029700

③ RH basic 2
Price on request
Ident. No. 0003339000



① RET control-visc
THB 57,540.00
Ident. No. 0005020000

② RET control-visc white
THB 59,390.00
Ident. No. 0005030000



① RH digital
THB 25,080.00
Ident. No. 0005019800

② RH digital white
THB 27,300.00
Ident. No. 0004678000



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**
THB 52,790.00
Ident. No. 0003690500

② **RO 10**
THB 60,930.00
Ident. No. 0003691000

③ **RO 15**
THB 85,160.00
Ident. No. 0003692500

Adjustable reverse operation



① **RT 5**
THB 62,150.00
Ident. No. 0003690600

② **RT 10**
THB 82,180.00
Ident. No. 0003691100

③ **RT 15**
THB 102,120.00
Ident. No. 0003692600

Multi-position hotplate stirrer, for synchronous heating and stirring



/// INDUSTRIAL MAGNETIC STIRRER

① **Midi MR 1 digital**
THB 111,010.00
Ident. No. 0025002968

② **Maxi MR 1 digital**
THB 121,230.00
Ident. No. 0025002978



I-MAG
Industrial magnetic stirrer
THB 106,570.00
Ident. No. 0020014226



TECHNICAL DATA	RO 5 RO 10 RO 15	RT 5 RT 10 RT 15	MIDI MR 1 DIGITAL MAXI MR 1 DIGITAL	I-MAG
Stirring quantity max. (H 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**
THB 4,360.00
Ident. No. 0003368000

② **topolino mobil**
THB 10,430.00
Ident. No. 0003381300

③ **Mini MR standard**
THB 8,950.00
Ident. No. 0025004132



KMO 3 basic
THB 23,610.00
Ident. No. 0020004631





Illuminated, flat stirring plate

IKA myPlate
THB 12,550.00
Ident. No. 0025005156



Design the set-up plate yourself

① **lab disc white**
THB 11,460.00
Ident. No. 0003907500

② **color squid white**
THB 12,550.00
Ident. No. 0003671000

③ **big squid white**
THB 12,550.00
Ident. No. 0003672000



① **C-MAG MS 4**
THB 19,500.00
Ident. No. 0003582200



② **C-MAG MS 7**
THB 21,450.00
Ident. No. 0003582400



③ **C-MAG MS 10**
THB 29,300.00
Ident. No. 0003582600



TECHNICAL DATA	TOPOLINO MINI MR STANDARD	KMO 3 BASIC IKA MYPLATE	LAB DISC	C-MAG MS 4 7 10
Stirring quantity max. (H 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
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TEMPERATURE SENSORS

Stainless steel		
PT 1000.60	0003516800	THB 4,920.00
PT 1000.80	0004443000	THB 5,190.00
PT 100.70	0020000440	THB 4,760.00
Glass-coated		
PT 1000.70	0003736000	THB 5,410.00
PT 100.51	0002600300	THB 10,800.00
SafeCoat (PFA, PTFE)		
PT 1000.90	0004480600	THB 6,950.00
PT 100.53	0004499700	THB 11,020.00
Dual		
PT 1000.50	0003367600	THB 10,800.00
PT 1000.51	0003377700	THB 12,500.00

ELECTRONIC CONTACT THERMOMETERS

ETS-D5	0003378000	THB 14,210.00
ETS-D6	0003378100	THB 20,910.00

SENSORS FOR ETS-D5 / ETS-D6

H 62.51	0002735451	THB 7,140.00
H 66.51, glass coated	0002735551	THB 10,430.00
H 66.53, coated	0004499900	THB 8,360.00
H 70, extension cable	0002735600	THB 7,230.00



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

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

+ 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	THB 5,410.00
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	THB 9,650.00
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	THB 2,600.00
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	THB 2,600.00
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	THB 2,600.00
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	THB 2,600.00
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	THB 2,600.00
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	THB 2,600.00
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	THB 2,600.00
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	THB 2,600.00

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	194.7 mm	0025000634	THB 4,600.00
H 135.21 Flask carrier 100 ml with handle	142 mm	194.7 mm	0004448300	THB 8,800.00
H 135.201 Flask inlay 10 ml	–	33.8 mm	0025000636	THB 2,600.00
H 135.202 Flask inlay 25 ml	–	43.8 mm	0025000637	THB 2,600.00
H 135.203 Flask inlay 50 ml	–	52.8 mm	0025000638	THB 2,600.00

250 ML FLASK HEATING BLOCK SERIES				
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	THB 5,890.00
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	THB 10,050.00

500 ML FLASK HEATING BLOCK SERIES				
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	THB 6,290.00
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	THB 10,430.00
H 135.301 Flask inlay 100 ml	–	66.3 mm	0025000641	THB 2,600.00
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	THB 2,600.00

1000 ML FLASK HEATING BLOCK SERIES				
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	–	0025000833	THB 7,890.00
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	–	0004448500	THB 12,110.00
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	THB 4,600.00

2000 ML FLASK HEATING BLOCK SERIES				
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	–	0025000834	THB 10,870.00
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	–	0004448600	THB 15,030.00
H 135.501 Flask inlay 1000 ml	–	131.8 mm	0025000645	THB 6,670.00

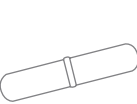
Product	Dimensions	Ident. No	Price
IKAFLON® ROUND PTFE-COATED			
10 round (5 pcs.)	10 × 6 mm	0004488600	THB 320.00
15 round (5 pcs.)	15 × 6 mm	0004488700	THB 360.00
20 round (5 pcs.)	20 × 8 mm	0004488800	THB 440.00
25 round (5 pcs.)	25 × 8 mm	0004488900	THB 520.00
30 round (5 pcs.)	30 × 8 mm	0004489000	THB 520.00
40 round (5 pcs.)	40 × 8 mm	0004489100	THB 550.00
50 round (5 pcs.)	50 × 8 mm	0004489200	THB 590.00
80 round (5 pcs.)	80 × 10 mm	0004489300	THB 1,520.00
110 round (1 pc.)	108 × 27 mm	0000793300	THB 3,660.00
155 round (1 pc.)	153 × 27 mm	0001129000	THB 4,100.00

IKAFLON® ROUND GLASS-COATED			
25 round (5 pcs.)	25 × 6 mm	0004492200	THB 1,030.00
40 round (5 pcs.)	40 × 8 mm	0004492600	THB 1,030.00
50 round (5 pcs.)	50 × 8 mm	0004492800	THB 1,100.00

IKAFLON® SLIDE ROUND			
25 slide (5 pcs.)	25 × 6 mm	0004493800	THB 440.00
30 slide (5 pcs.)	30 × 6 mm	0004494000	THB 440.00
40 slide (5 pcs.)	40 × 8 mm	0004494200	THB 830.00
50 slide (5 pcs.)	50 × 8 mm	0004494400	THB 920.00

IKAFLON® POWER			
20 power (5 pcs.)	20 × 6 mm	0004493000	THB 1,030.00
30 power (5 pcs.)	30 × 6 mm	0004493200	THB 1,520.00
50 power (5 pcs.)	50 × 8 mm	0004493400	THB 1,850.00

IKAFLON® ELLIPSE PTFE-COATED			
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	THB 700.00
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	THB 800.00
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	THB 1,030.00
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	THB 1,290.00
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	THB 1,620.00
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	THB 2,270.00
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	THB 3,920.00



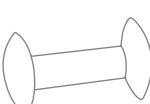
IKAFLON® round
PTFE-coated



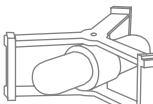
IKAFLON® ellipse
PTFE-coated



IKAFLON® cross
PTFE-coated



IKAFLON® bone
PTFE-coated



IKAFLON® beaker
PTFE-coated



TRIKA® PTFE-coated

Product	Dimensions	Ident. No	Price
IKAFLON® CROSS PTFE-COATED			
10 cross (5 pcs.)	10 × 10 mm	0004496200	THB 560.00
20 cross (5 pcs.)	20 × 20 mm	0004496400	THB 800.00
25 cross (5 pcs.)	25 × 25 mm	0004496600	THB 890.00
30 cross (5 pcs.)	30 × 30 mm	0004496800	THB 1,120.00
38 cross (5 pcs.)	38 × 38 mm	0004497000	THB 1,400.00

IKAFLON® BONE PTFE-COATED			
37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	THB 2,020.00
54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	THB 2,440.00

IKAFLON® BEAKER PTFE-COATED			
74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	THB 11,550.00

IKAFLON® CROWN PTFE-COATED			
9 crown (5 pcs.)	9 × 6 mm	0004498400	THB 480.00

TRIKA® PTFE-COATED			
25 Trika (5 pcs.)	25 × 8 mm	0004499300	THB 480.00
35 Trika (5 pcs.)	35 × 9 mm	0004499400	THB 800.00
55 Trika (5 pcs.)	55 × 14 mm	0004499500	THB 1,190.00
80 Trika (5 pcs.)	80 × 17 mm	0004499600	THB 1,640.00

SET OF MAGNETIC STIRRING BARS			
RS 1		0001358600	THB 4,260.00
RS 2		0004499100	THB 4,850.00

STIRRING BAR REMOVER			
RSE	Stirring bar remover	0001293100	THB 2,770.00



WiCo RET control-visc

Cover RET control-visc

IB R RO 15 eco

LABLIFT m

IKA Plate Adapter

Product	Description	Ident. No.	Price
WIRELESS-CONTROLLED OPERATING UNIT			
WiCo RET control-visc	Wireless remote control	0020007259	THB 14,720.00
COVERS			
H 102	Cover for RH basic	0004281600	THB 700.00
H 103	Cover for RH digital	0004299100	THB 700.00
H 100	Cover for RET basic	0003661000	THB 700.00
H 104	Cover for RET control-visc	0004209500	THB 700.00
H 105	Cover for RCT basic and digital	0025008136	THB 700.00
MAINS CABLES			
H 11	Mains cable Euro plug	0001091500	THB 1,220.00
H 11	Mains cable USA plug	0003564500	On request
H 11	Mains cable UK plug	0002410700	On request
H 11	Mains cable CH plug	0001091600	On request
H 11	Mains cable IN plug	0003923600	On request
PLASTIC BATH FOR MAGNETIC STIRRER RO 15			
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	THB 34,250.00
LABLIFT			
LABLIFT m	Up to 25 kg (max. static load)	0004022400	THB 10,990.00
IKA PLATE ADAPTER			
IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	THB 6,510.00
BEAKER CAP			
BC 1000	Beaker cap	0020003417	THB 640.00

LABORATORY SOFTWARE
labworldsoft® 6 Starter
THB 158,290.00
Ident. No. 0020019397

labworldsoft® 6 Pro
THB 361,200.00
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
OIL BATH ATTACHMENTS			
H 29	Oil bath attachment, 1 l	0002829400	THB 8,290.00
H 30	Oil bath attachment, 1.5 l	0002829500	THB 9,170.00
BEAKERS, STAINLESS STEEL			
H 1000	Beaker, stainless steel, 1 l	0004444401	THB 14,030.00
H 1500	Beaker, stainless steel, 1.5 l	0004444501	THB 14,470.00
H 3000	Beaker, stainless steel, 3 l	0004444503	THB 14,870.00
H 5000	Beaker, stainless steel, 5 l	0004444505	THB 17,500.00
HEATING JACKETS			
HG 600	Heating jacket for beaker 600 ml	0020003416	THB 4,100.00
HG 1000	Heating jacket for beaker 1000 ml	0020003415	THB 4,880.00
HOLDERS			
H 16 V	Support rod	0001545100	THB 2,560.00
H 16.3	Extension for support rod	0025000622	THB 700.00
H 44	Boss head clamp	0002437700	THB 1,220.00
H 38	Holding rod	0003547700	THB 1,120.00
ACCESSORIES FOR I-MAG			
IKAFLO 90 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 90 x 30 mm, 1 pc.	0020102963	THB 3,360.00
IKAFLO 140 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 140 x 30 mm, 1 pc.	0020110382	THB 6,630.00
IKAFLO 118 float	Magnetic stirring drive, PPS round, Ø 118 mm, 1 pc.	0020100638	THB 15,470.00
RSE XL	Stirring bar remover for I-MAG	0020100641	THB 12,870.00
I-MAG SP 150	Platform extension for I-MAG, for barrels up to 150 liters	0020102994	THB 14,720.00
I-MAG SP 300	Platform extension for I-MAG, for barrels up to 300 liters	0020102996	THB 22,080.00
I-MAG cart	Transport trolley and platform for I-MAG, for barrels up to 300 l	0025008091	THB 51,130.00
I-MAG BR	Bracket for stand rod I-MAG	0020110383	THB 1,820.00
I-MAG UHC	Universal holder for I-MAG controller	0020110381	THB 7,290.00
I-MAG EXT 3	Extension cable for I-MAG, 3 m	0020115558	THB 8,210.00
H 28 V	Stand rod, length 2 m, Ø 28 mm	0020119439	THB 5,940.00

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

Shaft protection included

NANOSTAR 7.5 DIGITAL

/// Perfect basic functionality in the most compact of spaces



With 30% less volume and weighing just 0.8 kg, the NANOSTAR 7.5 digital overhead stirrer is even more space-saving than the MICROSTAR 7.5 digital – yet with the same performance rating.

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

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

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

Original size

/// COMPACT OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

NANOSTAR 7.5 digital

THB 26,610.00
Ident. No. 0025004356



MICROSTAR 7.5 digital

THB 32,460.00
Ident. No. 0025004715



MICROSTAR 7.5 control

THB 42,520.00
Ident. No. 0025001984



Speed range: 50 – 2000 rpm

MICROSTAR 15 digital

THB 34,900.00
Ident. No. 0025004883



MICROSTAR 15 control

THB 44,840.00
Ident. No. 0025001986



MICROSTAR 30 digital

THB 31,050.00
Ident. No. 0025004884



MICROSTAR 30 control

THB 43,980.00
Ident. No. 0025001987



Temperature sensor included

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

/// PILOT SCALE OVERHEAD STIRRERS

EUROSTAR 400 digital
THB 106,570.00
Ident. No. 0004214000

EUROSTAR 400 control
THB 146,150.00
Ident. No. 0004214100



/// HIGH SPEED OVERHEAD STIRRERS

EUROSTAR 20 high speed digital
THB 77,110.00
Ident. No. 0004028600

EUROSTAR 20 high speed control
THB 103,630.00
Ident. No. 0025001314



/// ULTRA HIGH TORQUE OVERHEAD STIRRERS

EUROSTAR 100 P4 control
THB 142,260.00
Ident. No. 0025004384



EUROSTAR 200 P4 control
THB 161,580.00
Ident. No. 0004090000

Extremely powerful stirrer for highly viscous applications

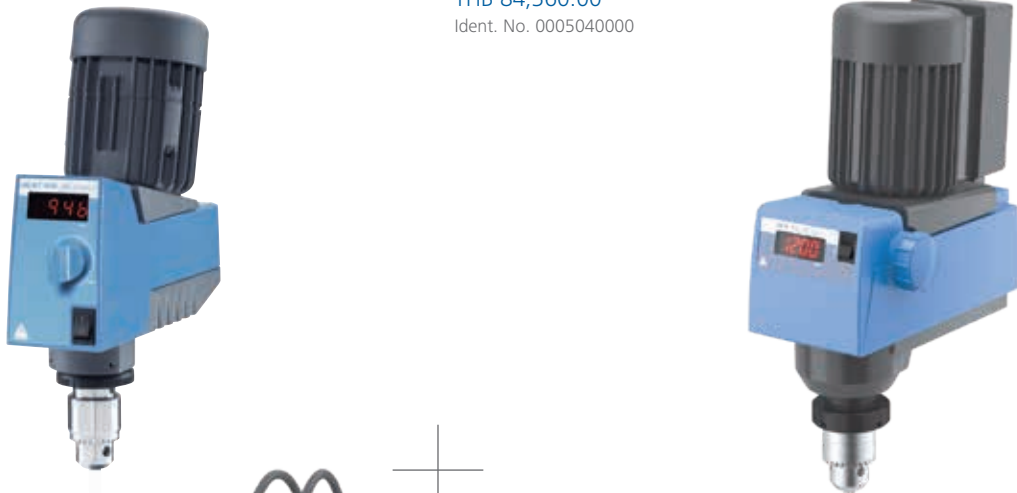


TECHNICAL DATA	EUROSTAR 400 DIGITAL CONTROL	EUROSTAR 20 HIGH SPEED DIGITAL CONTROL	EUROSTAR 100 P4 CONTROL	EUROSTAR 200 P4 CONTROL
Stirring quantity max. (H ₂ O)	150 l	20 l	100 l	100 l
Speed range	I: 6 – 400 rpm II: 30 – 2000 rpm	0 / 150 – 6000 rpm	10 – 300 rpm	I: 0 / 4 – 108 rpm II: 16 – 530 rpm
Viscosity 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
THB 24,920.00
Ident. No. 0003593000

RW 28 digital
THB 84,360.00
Ident. No. 0005040000

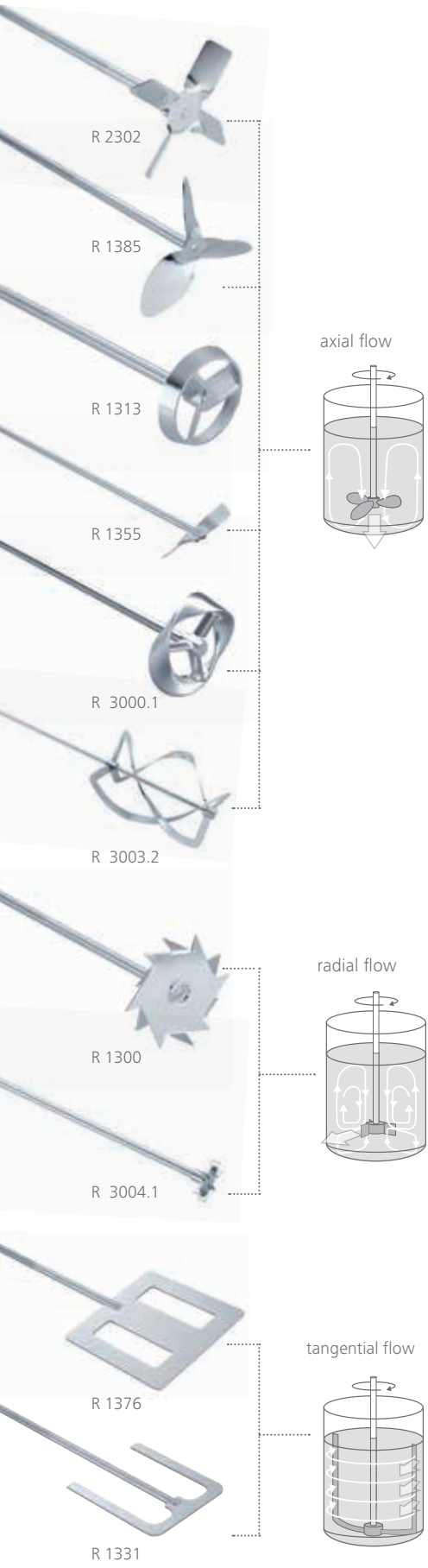


/// PILOT SCALE OVERHEAD STIRRER

RW 47 digital
THB 199,860.00
Ident. No. 0004050000



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	THB 5,410.00
R 1345	550 8 100 mm	≤ 800 rpm	0000741300	THB 6,670.00
R 2302	800 13 150 mm	≤ 600 rpm	0000739000	THB 23,420.00
PROPELLER STIRRERS, 3-BLADED				
R 1381	350 8 45 mm	≤ 2000 rpm	0001296000	THB 10,870.00
R 1382	350 8 55 mm	≤ 2000 rpm	0001295900	THB 11,330.00
R 1385	550 10 140 mm	≤ 800 rpm	0000477700	THB 10,870.00
R 1388	800 10 140 mm	≤ 400 rpm	0000477800	THB 12,960.00
R 1389*	350 8 75 mm	≤ 800 rpm	0002343600	THB 19,640.00
TURBINE STIRRERS				
R 1311	350 8 30 mm	≤ 2000 rpm	0002332900	THB 7,330.00
R 1312	350 8 50 mm	≤ 2000 rpm	0002333000	THB 9,360.00
R 1313	400 10 70 mm	≤ 800 rpm	0002333100	THB 11,430.00
CENTRIFUGAL STIRRERS				
R 1352	350 8 60/15 mm	≤ 2000 rpm	0000756900	THB 6,110.00
R 1355	550 8 100/24 mm	≤ 800 rpm	0001132700	THB 8,140.00
DISSOLVER STIRRERS				
R 1300	350 8 80 mm	≤ 2000 rpm	0000513500	THB 9,650.00
R 1302	350 10 100 mm	≤ 1000 rpm	0002387900	THB 20,250.00
R 1303	350 8 40 mm	≤ 2000 rpm	0002746700	THB 15,030.00
PADDLE STIRRERS				
R 1375	550 8 70 mm	≤ 800 rpm	0000757700	THB 6,510.00
R 1376	550 10 150 mm	≤ 800 rpm	0000757800	THB 12,960.00
R 2311	800 13 150 mm	≤ 600 rpm	0000739500	THB 21,540.00
ANCHOR STIRRERS				
R 1330	350 8 45 mm	≤ 1000 rpm	0002022300	THB 13,810.00
R 1331	350 8 90 mm	≤ 1000 rpm	0002022400	THB 16,720.00
R 1333	550 10 150 mm	≤ 800 rpm	0002747400	THB 27,200.00
MOEBIUS STIRRERS				
R 3000.1	565 10 100 mm	≤ 800 rpm	0020001192	THB 15,030.00
R 3001.1	575 10 100 mm	≤ 800 rpm	0020001195	THB 15,870.00
SPIRAL STIRRERS				
R 3003	350 8 50 mm	≤ 800 rpm	0020001203	THB 12,180.00
R 3003.1	550 10 100 mm	≤ 800 rpm	0020001204	THB 17,440.00
R 3003.2	800 10 150 mm	≤ 800 rpm	0020001205	THB 22,320.00
BLADE STIRRERS				
R 3004	359 8 30 mm	≤ 1000 rpm	0020001206	THB 10,580.00
R 3004.1	565 10 50 mm	≤ 1000 rpm	0020001207	THB 14,620.00
R 3004.2	819 10 70 mm	≤ 1000 rpm	0020001208	THB 18,690.00
PADDLE STIRRERS SCREW-TYPE STIRRERS				
R 1001	160 4 34 mm	2000 rpm	0000527400	THB 5,730.00
R 1002	140 4 12 mm	2000 rpm	0000527500	THB 4,880.00

* (PTFE-coated)

NANO-STAR 7.5 digital	MICRO-STARS digital control	MINI-STARS digital control	EUROSTAR 20 40 digital	EUROSTAR 60 digital control	EUROSTAR 100 digital control	EUROSTAR 200 digital control	EUROSTAR 400 digital control	EUROSTAR 100 & 200 P4 control	RW 20 digital	RW 28 digital	RW 47 digital
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	++
-	-	-	-	-	-	-	++	-	-	-	++
++	++	++	++	++	++	++	++	++	++	++	-
++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	-	-	++	++	++	-	++	++
-	-	-	-	-	-	++	++	-	-	++	++
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++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	-
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++	++	++	++	++	++	++	++	++	++	++	-
-	-	-	-	++	++	++	++	++	-	++	++
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++	++	++	++	++	++	++	++	++	++	++	-
+	+	+	+	++	++	++	++	++	-	++	-
-	-	-	-	-	-	++	++	++	-	++	++
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-	-	-	-	++	++	++	++	++	-	++	-
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-	-	-	++	++	++	++	++	++	++	++	++
+	+	+	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	-	-	+	+	++	-	-	++	++
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-	-	-	++	++	++	++	++	++	++	++	++
-	-	-	++	++	++	++	++	-	++	++	++
++	++	++	++	+	+	+	+	+	++	-	-
++	++	++	++	+	+	+	+	+	++	-	-

++ IKA recommended | + Installable | - Not compatible



IKA [scale]



R 270

R 271

RH 3

Product	Ident. No.	Price	NANOSTAR digital	MICRO-STARS digital control	MINISTARS digital control
TEMPERATURE SENSORS					
H 67.60 stainless steel	0025006664	THB 5,320.00	–	control	control
H 67.61 stainless steel	0025007920	THB 7,730.00	–	control	control
H 68.55 stainless steel	0025007921	THB 10,020.00	–	control	control
H 70 extension cable	0002735600	THB 7,230.00	–	control	control
SENSORS IN COMBINATION WITH H 70					
H 62.51 stainless steel	0002735451	THB 7,140.00	–	control	control
H 66.51 glass-coated	0002735551	THB 10,430.00	–	control	control
H 66.53 coated	0004499900	THB 8,360.00	–	control	control
STANDS					
Plate stands					
IKA [scale]	0025004318	THB 29,240.00	++	++	++
R 1825	0003160000	THB 10,360.00	++	++	++
R 1826	0003160100	THB 11,430.00	++	++	++
R 1827	0003160200	THB 12,180.00	++	++	++
H-stand					
R 2722	0001412000	THB 24,860.00	–	++	++
Telescopic stands					
R 2723	0001412100	THB 46,110.00	–	++	++
R 474	0001643000	THB 64,930.00	–	–	–
Floor stands					
R 472	0000738700	THB 137,970.00	–	–	–
R 2850	0020002900	THB 101,460.00	–	–	–
R 6547 H	0020018533	THB 542,200.00	–	–	–
R 6547 E 400V	0020018673	THB 557,350.00	–	–	–

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	–	–	–
–	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 1825

IKA [scale]

R 2723

R 6547 H



R 1401



R 1402



R 301



R 60



Product	Description	Ident. No.	Price
ACCESSORIES EUROSTAR 20 HIGH SPEED DIGITAL AND CONTROL			
R 1401	Propeller, Ø 55 mm	0001242900	THB 9,360.00
R 1405	Propeller, Ø 45 mm	0001289800	THB 7,550.00
R 1402	Dissolver, Ø 42 mm	0001243300	THB 10,430.00
ACCESSORIES FOR PROTECTION AND SAFETY			
R 301	Stirring shaft protection	0002603000	THB 6,510.00
R 301.1	Support holder for R 301	0002604000	THB 7,730.00
R 303	Stirring shaft protection	0030000257	THB 15,470.00
SI 400	Safety switch	0003294800	THB 34,120.00
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	THB 32,050.00
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	THB 14,620.00
FURTHER ACCESSORIES			
WH 11	Wall mount for WiCo	0025001500	THB 1,070.00
FK 1	Flexible coupling	0002336000	THB 10,990.00
R 60	Keyless chuck	0003889500	THB 2,890.00
R 60.1	Keyless chuck	0025007821	THB 2,890.00

LABORATORY SOFTWARE

labworldsoft® 6 Starter

THB 158,290.00

Ident. No. 0020019397

labworldsoft® 6 Advanced

THB 275,790.00

Ident. No. 0020105873

labworldsoft® 6 Pro

THB 361,200.00

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

MATRIX ORBITAL DELTA PLUS

/// The thermoshaker with cooling feature

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



Watch MATRIX video

SIMPLY USER-FRIENDLY

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

ACCESSORIES FOR LIFE SCIENCE APPLICATIONS

All of the equipment in the IKA MATRIX range can be combined with the most varied of micro-titration plates, deep well plates, Eppendorf reaction vessels, PCR strips, Greiner tubes, micro-plates and cuvettes. The IKA thermocover prevents the formation of condensation on the vessel cover, meaning that the sample 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

THB 51,700.00
Ident. No. 0030000627



1 MATRIX Orbital Δ FP

THB 69,960.00
Ident. No. 0030000751

2 MATRIX Orbital Δ F0.5

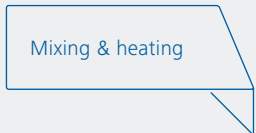
THB 69,960.00
Ident. No. 0030000747

3 MATRIX Orbital Δ F1.5

THB 69,960.00
Ident. No. 0030000750

4 MATRIX Orbital Δ F2.0

THB 69,960.00
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+

THB 60,830.00
Ident. No. 0030000717

Heating & cooling



MATRIX Orbital Δ+

THB 76,040.00
Ident. No. 0030000731



Mixing, heating
& cooling

TECHNICAL DATA

	MATRIX Δ+	MATRIX ORBITAL Δ+
Type of movement	—	Orbital
Speed range	—	300 – 3000 rpm
Shaking stroke	—	3 mm
Heating range	RT -30 °C – 110 °C	RT -15 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W × 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	THB 3,250.00
(B) MX thermocover	Cover, heatable	0030001244	THB 15,190.00
(C) MX 50.0 ml	Attachment for vials, 4 × 50 ml vials	0030000863	THB 15,190.00
(D) MX 15.0 ml	Attachment for vials, 8 × 15 ml vials	0030000821	THB 16,260.00
(E) MX 5.0 ml	Attachment for vials, 8 × 5 ml vials	0030000859	THB 16,260.00
(F) MX 2.0 ml	Attachment for vials, 24 × 2.0 ml vials	0030000834	THB 15,190.00
(G) MX 1.5 ml	Attachment for vials, 24 × 1.5 ml vials	0030000829	THB 15,190.00
(H) MX 12.0 mm	Attachment for vials, 24 × 12 mm vials	0030000844	THB 16,260.00
(I) MX cryo	Attachment for vials, 24 × cryo vials	0030000848	THB 16,260.00
(J) MX 0.5 ml	Attachment for vials, 24 × 0.5 ml vials	0030000840	THB 16,260.00
(K) MX PCR96	Attachment for 96 PCR plates	0030000853	THB 18,230.00
(L) MX PCR384	Attachment for 384 PCR plates	0030000857	THB 19,540.00
(M) MX carrier	Attachment for microtiter plates	0030000849	THB 18,230.00
(3) MX insert 1.5/2.0 ml	Insert for 1.5 / 2.0 ml vials	0030001158	THB 1,290.00
(2) MX insert 0.5 ml	Insert for 0.5 ml vials	0030001157	THB 1,290.00
(1) MX insert PCR96	Insert for 0.2 ml PCR vials	0030001159	THB 1,290.00



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**
THB 215,160.00
Ident. No. 0003940000

② **KS 3000 ic control**
THB 245,930.00
Ident. No. 0003940100



KS 3000 ic with built-in cooling coil

① **KS 4000 i control**
THB 260,380.00
Ident. No. 0003510000

② **KS 4000 ic control**
THB 289,010.00
Ident. No. 0003510100



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

THB 32,460.00

Ident. No. 0004002000

②

ROCKER 2D digital

THB 34,530.00

Ident. No. 0004003000

①

ROCKER 3D basic

THB 34,530.00

Ident. No. 0004000000

②

ROCKER 3D digital

THB 36,510.00

Ident. No. 0004001000

Adjustable shaking angle: 2.5 – 15°

②



①



①

ROLLER 6 basic

THB 54,820.00

Ident. No. 0004010000

②

ROLLER 6 digital

THB 56,830.00

Ident. No. 0004011000

Removable rolls

①



②



ROLLER 10 basic

THB 66,970.00

Ident. No. 0004012000

②

ROLLER 10 digital

THB 68,970.00

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

①

Loopster basic

THB 29,240.00

Ident. No. 0004015000

②

Loopster digital

THB 31,370.00

Ident. No. 0004016000

①

Trayster basic

THB 32,460.00

Ident. No. 0004005000

②

Trayster digital

THB 34,530.00

Ident. No. 0004006000

①

Hula Dancer basic

THB 11,240.00

Ident. No. 0025004320

②

Hula Dancer digital

THB 13,120.00

Ident. No. 0025003634

①

MS 3 basic

THB 21,260.00

Ident. No. 0003617000

②

MS 3 digital

THB 30,490.00

Ident. No. 0003319000

③

MS 3 control

THB 32,460.00

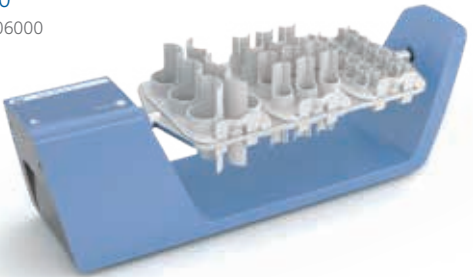
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①



Different attachments allow a variety of applications

①



②



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

VORTEX 2

Price on request
Ident. No. 0025000258



VORTEX 3

THB 15,030.00
Ident. No. 0003340000



HANDS FOR CHILDREN

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

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

VORTEX 1

THB 12,180.00
Ident. No. 0004047700



MTS 2/4 digital

THB 62,710.00
Ident. No. 0003208000

For shaking two or four microtiter plates



VXR basic Vibrax®

THB 58,860.00
Ident. No. 0002819000



lab dancer

THB 7,730.00
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
THB 57,980.00
Ident. No. 0002980000
- ②

KS 130 control
THB 85,000.00
Ident. No. 0002980100
- ③

KS 130 control NOL
THB 85,000.00
Ident. No. 0004278200



- ①

KS 260 basic
THB 92,730.00
Ident. No. 0002980200
- ②

KS 260 control
THB 115,930.00
Ident. No. 0002980300
- ③

KS 260 control NOL
THB 115,930.00
Ident. No. 0004278400



TECHNICAL DATA	KS 130 BASIC CONTROL	KS 260 BASIC CONTROL
Type of movement	Orbital	Orbital
Shaker diameter	4 mm	10 mm
Permissible shaking weight (incl. attachment)	2.0 kg	7.5 kg
Speed range	80 – 800 rpm	50 – 500 rpm 10 – 500 rpm
Timer display	LED line LCD	LED line LCD
Speed display	LED line LCD	LED line LCD
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W × 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
THB 92,730.00
Ident. No. 0003066600
- ②

HS 260 control
THB 115,930.00
Ident. No. 0003066700
- ③

HS 260 control NOL
THB 115,930.00
Ident. No. 0004278600



- ①

HS 501 digital
THB 171,970.00
Ident. No. 0025002982
- ②

KS 501 digital
THB 171,970.00
Ident. No. 0025002985



TECHNICAL DATA	HS 260 BASIC CONTROL	HS 501 DIGITAL KS 501 DIGITAL
Type of movement	Reciprocating	Reciprocating Orbital
Shaker diameter	20 mm	30 mm
Permissible shaking weight (incl. attachment)	7.5 kg	15 kg
Speed range	20 – 300 rpm 10 – 300 rpm	0 – 300 rpm
Timer display	LED line LCD	Scale
Speed display	LED line LCD	7 segment LED
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W × 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



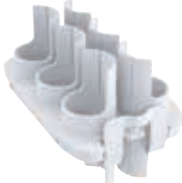
TR 1



TR 2



TR 3



TR 4

Product	Description	Ident. No.	Price
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ACCESSORIES ROCKER

A 2	Second level attachment	0004581700	THB 2,560.00
RD 1	Universal mat	0004532000	THB 830.00
RD 2	Burled mat	0004532100	THB 890.00
TB 1	Tray, 24 × 5 ml, Ø 12 mm	0004532200	THB 1,430.00
TB 2	Tray, 12 × 15 ml, Ø 16 mm	0004532300	THB 1,430.00
TB 3	Tray, 10 × 30 ml, Ø 25 mm	0004532400	THB 1,430.00
TB 4	Tray, 8 × 30 ml, Ø 28 mm	0004532500	THB 1,430.00

ACCESSORIES LOOPSTER

DS 1	Tube attachment, 48 × 1,5 ml, Ø 10 mm	0004524000	THB 7,610.00
DS 2	Tube attachment, 24 × 5 ml, Ø 12 mm	0004524100	THB 5,450.00
DS 3	Tube attachment, 20 × 15 ml, Ø 16 mm	0004524200	THB 5,450.00
DS 4	Tube attachment, 2 × 30 ml, Ø 25 mm	0004524300	THB 5,450.00
DS 5	Tube attachment, 12 × 50 ml, Ø 28 mm	0004524400	THB 5,450.00
DS 6	Universal disc	0004524500	THB 4,700.00
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	THB 1,430.00
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	THB 1,430.00
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	THB 1,430.00
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	THB 1,430.00
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	THB 1,430.00

ACCESSORIES TRAYSTER

TR 1	Tube insert, 24 × 1.5 ml, Ø 10 mm	0004525100	THB 1,680.00
TR 2	Tube insert, 24 × 5 ml, Ø 12 mm	0004525200	THB 1,680.00
TR 3	Tube insert, 12 × 15 ml, Ø 16 mm	0004525300	THB 1,680.00
TR 4	Tube insert, 6 × 50 ml, Ø 28 mm	0004525400	THB 1,680.00



Product	Description	Ident. No.	Price
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ACCESSORIES MS 3 BASIC | DIGITAL | CONTROL

MS 3.1	Standard attachment	0003426300	THB 640.00
MS 3.3	Universal attachment	0003426600	THB 640.00
MS 1.21	One-hand insert	L001540	THB 920.00
MS 1.30	Attachment for 0.5 ml tubes	0025005776	THB 1,940.00
MS 1.31	Test tube insert, 14 × Ø 10 mm	L001840	THB 2,020.00
MS 1.32	Test tube insert, 6 × Ø 12 mm	L001850	THB 2,020.00
MS 1.33	Test tube insert, 4 × Ø 16 mm	L001860	THB 2,020.00
MS 1.34	Test tube insert	L001830	THB 990.00
MS 3.4	Microtiter plate attachment	0003426400	THB 2,020.00
MS 3.5	PCR plate attachment, 96-well	0003428000	THB 2,020.00

ACCESSORIES VORTEX 2 | VORTEX 3

VG 3.1	Standard attachment	0003341200	THB 440.00
VG 3.2	One-hand attachment	0003342300	THB 920.00
VG 3.21	Rubber mat	0020008398	THB 830.00
VG 3.3	Universal attachment, 150 mm	0003342400	THB 1,030.00
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	THB 1,290.00
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	THB 2,410.00
VG 3.32	Test tube attachment, 18 × Ø 10 mm	0003343900	THB 1,290.00
VG 3.33	Test tube attachment, 12 × Ø 12 mm	0003344000	THB 1,290.00
VG 3.34	Test tube attachment, 8 × Ø 16 mm	0003344100	THB 1,290.00
VG 3.35	Test tube attachment, 8 × Ø 20 mm	0003344200	THB 1,290.00
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	THB 1,290.00
VG 3.37	Microtiter plate attachment	0003344400	THB 1,290.00



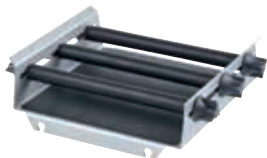
VX 2E.n



VX 2



VX 11.1



AS 130.1



AS 260.3



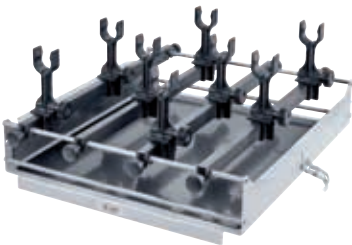
AS 1.10



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	THB 3,780.00
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	THB 15,500.00
VX 2E.n	Eppendorf attachment, 64 × 1.5 ml	0020018016	THB 15,030.00
VX 7	Dish attachment	0000953300	THB 10,960.00
VX 8	Universal attachment	0000910400	THB 26,270.00
VX 11	Basic holder	0003627700	THB 5,730.00
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	THB 5,730.00
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	THB 5,730.00
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	THB 4,380.00
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	THB 4,380.00
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	THB 3,920.00
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	THB 3,920.00
VX 8.1	Clamping roll	0003375400	THB 1,490.00

ACCESSORIES KS 130 BASIC CONTROL			
AS 130.1	Universal attachment	0008017300	THB 13,120.00
AS 130.2	Fixing clip attachment	0003115000	THB 3,950.00
AS 130.3	Dish attachment	0003120000	THB 3,780.00
AS 130.4	Test tube attachment	0003120300	THB 8,860.00

ACCESSORIES KS HS 260 BASIC CONTROL AND KS 3000			
AS 260.1	Universal attachment	0008017400	THB 21,910.00
AS 260.2	Fixing clip attachment	0003115500	THB 5,700.00
AS 260.3	Dish attachment	0003120600	THB 4,790.00
AS 260.5	Separating funnel attachment	0003120900	THB 22,830.00

ACCESSORIES KS HS 501 DIGITAL			
AS 501.1	Universal attachment	0008000200	THB 65,810.00
AS 501.2	Separating funnel attachment	0008000300	THB 70,160.00
AS 501.3	Separating funnel attachment	0008000400	THB 57,010.00
AS 501.4	Fixing clip attachment	0002341100	THB 43,800.00
AS 501.5	Dish attachment	0002339600	THB 8,800.00
AS 501.6	Separating funnel attachment	0008000500	THB 100,900.00



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	THB 34,970.00
AS 4000.2	Fixing clip attachment	0003710100	THB 29,210.00
AS 4000.3	Dish attachment	0003710000	THB 7,670.00
AS 1.400	Basic holder for AS 4000.1	0003710200	THB 20,040.00
AS 1.401	Clamping roll for AS 4000.1	0003712000	THB 1,970.00
AS 1.402	Fastening screw for AS 4000.1	0003712300	THB 320.00

ACCESSORIES			
AS 1.30	Basic holder for AS 130.1	0003148000	THB 11,110.00
AS 1.60	Basic holder for AS 260.1	0003149000	THB 20,040.00
AS 1.10	Basic holder for AS 501.1	0002339700	THB 29,650.00
AS 1.31	Clamping roll for AS 130.1	0003030500	THB 1,220.00
AS 1.61	Clamping roll for AS 260.1	0003030501	THB 1,520.00
AS 1.11	Clamping roll for AS 501.1	0002339800	THB 2,770.00
AS 1.6	Clamping device for AS 501.1	0001268400	THB 1,940.00
AS 1.7	Clamping device for AS 501.1	0001269200	THB 2,710.00
AS 1.12	Supporting bar for AS 1.10	0002594500	THB 5,510.00
AS 1.13	Ground section holder for AS 1.10	0002597000	THB 5,360.00
STICKMAX	Universal adhesive mat	0003920000	THB 2,050.00
AS 2.0	Fixing clips, 10 ml	0020016475	THB 1,850.00
AS 2.1	Fixing clips, 25 ml	0001234300	THB 990.00
AS 2.2	Fixing clips, 50 ml	0001234400	THB 990.00
AS 2.3	Fixing clips, 100 ml	0001234500	THB 990.00
AS 2.4	Fixing clips, 200 250 ml	0001234600	THB 1,850.00
AS 2.5	Fixing clips, 500 ml	0001234700	THB 1,850.00
AS 2.6	Fixing clips, 1000 ml	0003819300	THB 1,850.00
AS 2.7	Fixing clips, 2000 ml	0020016476	THB 2,600.00



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®

THB 58,010.00
Ident. No. 0020102476

Brushless DC motor guarantees dust-free and quieter operation



T 25 easy clean digital ULTRA-TURRAX®

THB 78,080.00
Ident. No. 0025002560

T 25 easy clean control ULTRA-TURRAX®

THB 96,150.00
Ident. No. 0025002500



T 65 digital ULTRA-TURRAX®

THB 297,140.00
Ident. No. 0004234500



UTL 25 digital Inline ULTRA-TURRAX®

THB 354,650.00
Ident. No. 0010006856



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®

THB 44,310.00
Ident. No. 0003737000



T 18 digital ULTRA-TURRAX®

THB 50,280.00
Ident. No. 0003720000



T 18 digital ULTRA-TURRAX® Package	THB 96,690.00 0009024700
T 18 digital ULTRA-TURRAX® Disperser	
R 182 Boss head clamp	
R 1826 Plate stand	
S 18 N - 19 G Dispersing tool	

T 25 digital ULTRA-TURRAX®

THB 77,280.00
Ident. No. 0003725000



T 50 digital ULTRA-TURRAX®

THB 126,360.00
Ident. No. 0003787000



TECHNICAL DATA	T 10 BASIC ULTRA-TURRAX®	T 18 DIGITAL ULTRA-TURRAX®	T 25 DIGITAL ULTRA-TURRAX®	T 50 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Batch
Speed range	8000 – 30 000 rpm	3000 – 25 000 rpm	3000 – 25 000 rpm	600 – 10 000 rpm
Volume range (H 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	Sealing and bearing	Generator or element	Outer diameter of stator	Saw-tooth
S 50	KG - HH	- G	45	G - ST
				Degree of fineness achieved
				G = Coarse
				M = Medium
				F = Fine
				G = Proved configuration
				W = Special element
				N = PTFE bearing
				KV = Ball bearing with vacuum-tight sliding-ring seal with silicon carbide seal rings
				KG - HH = Ball bearing with sliding-ring seals of hard metal allow with FFPM seals rings
				C = Ceramic-coated bearing
				KD = Ball bearing with PTFE seal and FFKM O-ring

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



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	THB 49,280.00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	THB 49,280.00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	THB 45,520.00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	THB 45,520.00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	THB 45,520.00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	THB 16,210.00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	THB 18,280.00
DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	THB 39,230.00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	THB 39,230.00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	THB 9,770.00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	THB 9,770.00
S 18/25-ET50	Disposable tube	0003452500	THB 240.00



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	THB 54,820.00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	THB 42,610.00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	THB 42,860.00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	THB 54,820.00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	THB 54,130.00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	THB 40,600.00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	THB 40,600.00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	THB 72,040.00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	THB 51,910.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	THB 75,860.00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	THB 54,820.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	THB 79,650.00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	THB 73,450.00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	THB 9,770.00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	THB 9,770.00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	THB 52,760.00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	THB 60,080.00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	THB 54,820.00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	THB 65,430.00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	THB 66,970.00
Silentstream	Flow breaker	0003754000	THB 800.00
S 18/25-ET50	Disposable tube	0003452500	THB 240.00
TS 25-3	Cleaning tool	0020003013	THB 3,660.00
CT.15	Cleaning tube	0020006595	THB 4,920.00



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	THB 47,180.00
S 25 EC - C - 25 G	Dispersing element, Ø 25 mm	0020108997	THB 49,250.00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	THB 54,320.00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	THB 50,180.00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	THB 52,250.00
S 25 EC - T - C - 18 G	Dispersing element, Ø 18 mm, temperature sensor	0020108998	THB 55,510.00
S 25 EC - T - C - 25 G	Dispersing element, Ø 25 mm, temperature sensor	0020108999	THB 57,610.00
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature sensor	0025007398	THB 58,490.00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	THB 60,610.00
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	THB 62,710.00
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	THB 3,160.00
WiCo T 25 easy clean control	Wireless remote control	0025006310	THB 30,560.00

DISPERSING ELEMENTS FOR T 50 DIGITAL

S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	THB 105,890.00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	THB 105,890.00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	THB 116,440.00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	THB 122,220.00
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	THB 160,290.00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	THB 160,290.00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	THB 170,840.00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	THB 176,640.00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	THB 142,200.00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	THB 142,200.00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	THB 152,750.00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	THB 158,540.00
R 50	Stirring shaft, high speed	0001689300	THB 77,110.00
R 1405	Propeller, Ø 45 mm	0001289800	THB 7,550.00
R 1402	Dissolver, Ø 42 mm	0001243300	THB 10,430.00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	THB 118,690.00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	THB 111,110.00



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 65 DIGITAL			
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	THB 140,130.00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	THB 150,960.00
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	THB 157,610.00
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0010010765	THB 160,550.00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0010010767	THB 171,380.00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0010010768	THB 178,010.00
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	THB 144,200.00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	THB 155,030.00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	THB 161,680.00
D 60	Dissolver, Ø 60 mm	0020008388	THB 18,280.00
D 80	Dissolver, Ø 80 mm	0020008389	THB 20,250.00
INLINE DISPERSER SYSTEM - ACCESSORIES			
DK 25.11	Flow chamber	0002518000	THB 137,090.00
AD 25	Mounting support for DK 25.11	0002562500	THB 33,090.00
S 25 KV - 25 G-IL	Dispersing element	0002563000	THB 105,110.00
S 25 KV - 25 F-IL	Dispersing element	0002830200	THB 105,110.00

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*

THB 133,190.00
Ident. No. 0025002643

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

MultiDrive control
MT Package

THB 130,120.00
Ident. No. 0010007083

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

FOR DRY
SAMPLES



MultiDrive basic*

THB 112,080.00
Ident. No. 0025002638

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



MultiDrive control
BT Package

THB 130,120.00
Ident. No. 0010007086

- 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

THB 140,890.00
Ident. No. 0010010965

- MultiDrive basic unit
- MI 250 milling chamber, 250 ml



TECHNICAL DATA	MULTIDRIVE CONTROL	MULTIDRIVE BASIC
Operating principle	Cutting / Impact / Blending / Dispersing	Cutting / Impact / Blending
Speed range	3000 – 20 000 rpm	3000 – 20 000 rpm
Useable volume max.	2000 ml	2000 ml
Feed hardness max.	9 Mohs*	9 Mohs*
Temperature measurement	Yes	–
Weighing function	Yes	–
Milling chamber can be cooled with water / dry ice	Yes / Yes	Yes / Yes
Dimensions (W x H x D)	300 x 350 x 250 mm	300 x 350 x 250 mm
Protection class according to DIN EN 60529	IP 31	IP 31

* with MI 250.3 or MI 400.3 beater, tungsten carbide

A 10 basic

THB 57,240.00
Ident. No. 0004020700



A 11 basic

THB 68,760.00
Ident. No. 0002900000



M 20

THB 236,370.00
Ident. No. 0001603600

For dry grinding
of hard and brittle
substances



MF 10 basic

THB 142,310.00
Ident. No. 0002836000



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	THB 15,620.00
BL 2000-T	Blender vessel, 2000 ml, temperature measurement	0025003962	THB 18,760.00
MI 250-S	Milling chamber, 250 ml, sealed	0020112097	THB 28,800.00
MI 400-S	Milling chamber, 400 ml, sealed	0020112099	THB 32,810.00
MI 250-T-S	Milling chamber, 250 ml, temperature measurement, sealed	0020112098	THB 32,850.00
MI 400-T-S	Milling chamber, 400 ml, temperature measurement, sealed	0020112100	THB 37,320.00
CS 1	Spare filter fume for cover, 5 pcs.	0020113275	THB 630.00
DI 2000-T	Dispersing vessel, 2000 ml, temperature measurement	0025003960	THB 35,880.00
BL 2000.1	Standard blend knife, stainless steel	0020023169	THB 4,360.00
MI 250.1	Standard beater, stainless steel	0020023166	THB 2,560.00
MI 250.2	Star shaped cutter, stainless steel	0020023167	THB 5,100.00
MI 250.3	Beater, tungsten carbide	0020023168	THB 10,870.00
MI 400.1	Standard beater, stainless steel	0020023170	THB 3,260.00
MI 400.2	Star shaped cutter, stainless steel	0020023171	THB 5,800.00
MI 400.3	Beater, tungsten carbide	0020023172	THB 11,960.00
TC 1	Protective housing for MT 150 and BT 250	0020023489	THB 4,920.00
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	THB 2,340.00
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	THB 2,510.00
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	THB 530.00

* 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



A 10.1

A 10.3



A 11.1



A 11.2



A 11.3



M 23



MF 10.2

Product	Description	Ident. No.	Price
ACCESSORIES A 10 BASIC			
A 10.1	Stainless steel cutter	0025001680	THB 1,910.00
A 10.2	Star-shaped cutter	0025001162	THB 5,320.00
A 10.3	Hard metal cutter	0025001161	THB 10,140.00
A 10.4	Grinding chamber reduction	0025001664	THB 4,100.00

ACCESSORIES A 11 BASIC			
A 11.1	Spare beater, stainless steel	0002904600	THB 3,880.00
A 11.2	Cutting blade, stainless steel	0002905200	THB 6,510.00
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	THB 8,140.00
A 11.4	Grinding chamber, polyamide, 250 ml	0002904100	THB 21,950.00
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	THB 16,210.00
A 11.6	Double beater, titanium	0003302900	THB 17,440.00
A 11.7	Funnel, PTFE	0003048700	THB 8,950.00



A 11.4



A 11.5



A 11.6



A 11.7

ACCESSORIES M 20			
M 21	Spare cutter, stainless steel	0000328200	THB 3,260.00
M 22	Hard metal cutter, tungsten carbide	0000521800	THB 13,400.00
M 23	Star-shaped cutter, stainless steel	0001443400	THB 6,510.00
M 20.1	Grinding chamber, 250 ml	0008006200	THB 143,300.00

ACCESSORIES MF 10 BASIC			
MF 10.1	Cutting-grinding head	0002870900	THB 131,770.00
MF 10.2	Impact-grinding head	0002871000	THB 117,690.00

SIEVES			
MF 0.25	Sieve, Ø 0.25 mm	0002938900	THB 16,210.00
MF 0.5	Sieve, Ø 0.5 mm	0002939000	THB 12,180.00
MF 1.0	Sieve, Ø 1 mm	0002939200	THB 11,770.00
MF 2.0	Sieve, Ø 2 mm	0002939400	THB 11,430.00
MF 3.0	Sieve, Ø 3 mm	0002939500	THB 10,990.00
MF 4.0	Sieve, Ø 4 mm	0002939600	THB 10,580.00



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 / IVD

/// Maximum efficiency, minimum contamination

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

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



ULTRA-TURRAX® Tube Drive

THB 25,610.00
Ident. No. 0003646000

① **UTTD control Pharma Solution**

Price on request
Ident. No. 0010013297

② **UTTD control Life Science Solution**

Price on request
Ident. No. 0010013296

③ **UTTD control IVD Solution**

Price on request
Ident. No. 0010013008



ULTRA-TURRAX® Tube Drive P control

THB 51,180.00
Ident. No. 0025005981

ULTRA-TURRAX® Tube Drive P control Workstation

THB 53,200.00
Ident. No. 0025005836

Further package information on page 164



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



ST-20 ST-50-M

Product	Description	Ident. No.	Price
ST TUBES WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	THB 6,920.00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml , 20 pcs., membrane lid	0003700500	THB 7,730.00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	THB 3,440.00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	THB 5,450.00



DT-20 DT-50-M

DT TUBES WITH ROTOR-STATOR ELEMENT			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	THB 7,210.00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	THB 8,510.00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	THB 6,200.00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	THB 3,880.00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	THB 6,200.00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	THB 3,480.00



BMT-20-G-M

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	THB 7,730.00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	THB 7,730.00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	THB 8,890.00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	THB 8,890.00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	THB 4,630.00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	THB 4,630.00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	THB 6,610.00



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	THB 3,540.00
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	THB 4,290.00
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	THB 5,360.00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	THB 26,020.00

TUBES WITH DISSOLVER ELEMENT			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	THB 5,510.00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	THB 26,800.00

COVERS			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	THB 2,080.00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	THB 1,360.00

BALLS FOR BMT TUBE			
Glass balls 6	Glass balls, 250 g	0003599200	THB 2,050.00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	THB 2,050.00

FURTHER ACCESSORIES FOR UTTD			
CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	THB 2,380.00



TC-50-M

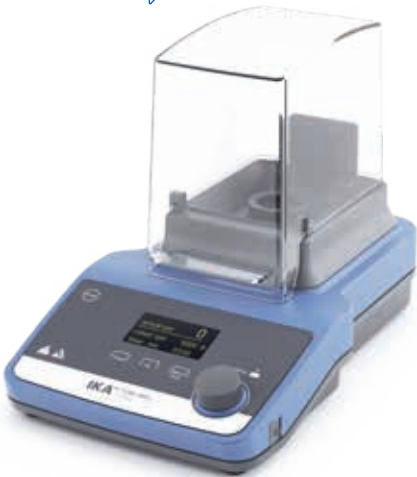
Tube Mill control

THB 74,820.00
Ident. No. 0004180000



Tube Mill 100 control

THB 81,150.00
Ident. No. 0020007144



Designed for grinding chambers with max. 100 ml

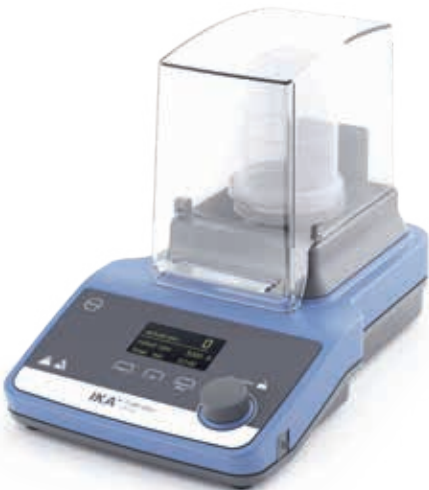
Tube Mill control Agriculture Solution

Price on request
Ident. No. 0010013298



Tube Mill 100 control Pharma Solution

Price on request
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	THB 2,930.00
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	THB 24,450.00
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	THB 2,080.00
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	THB 4,980.00
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	THB 3,290.00
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	THB 28,560.00
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	THB 3,290.00
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	THB 5,800.00
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	THB 14,530.00
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	THB 8,550.00
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	THB 9,360.00
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	THB 4,980.00
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	THB 5,800.00
A-MMT.100	Abrasion set for MMT 40.1 MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	THB 5,800.00



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.

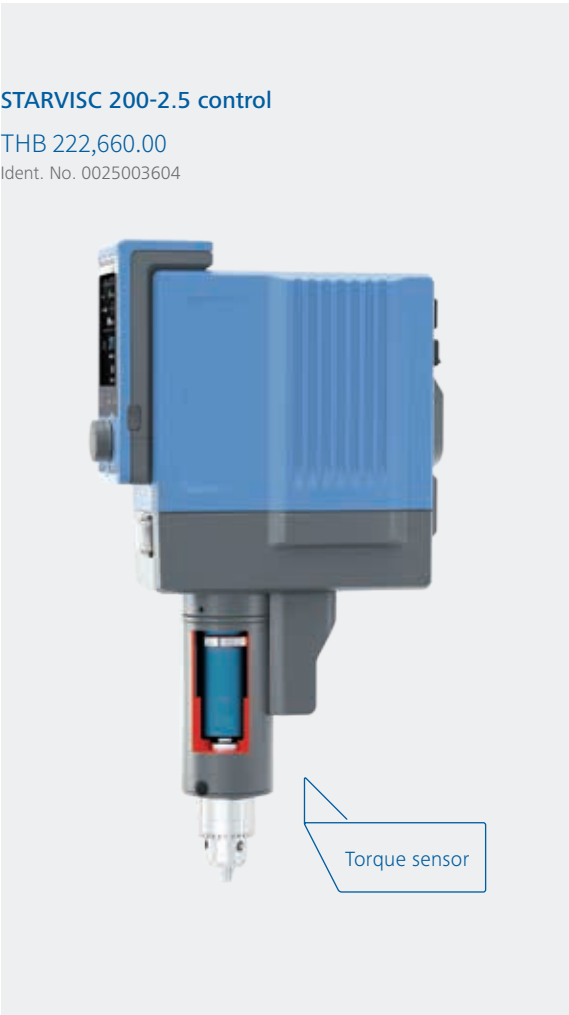
STARVISC 200-2.5 CONTROL

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



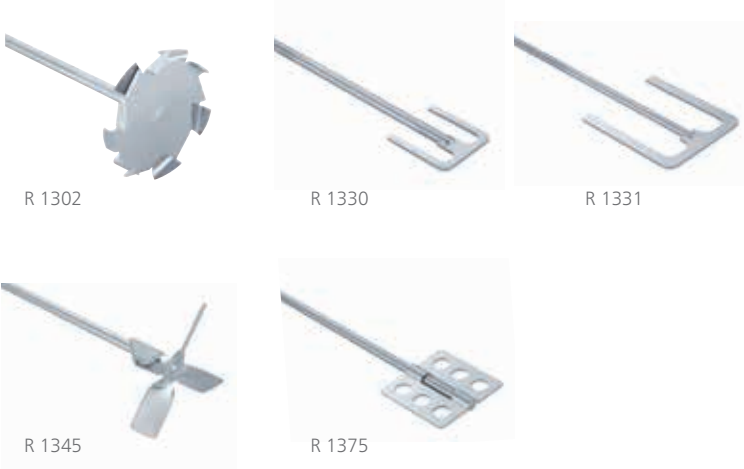
- HIGH-PRECISION MEASUREMENT**
During the mixing process a highly sensitive torque measuring sensor allows further conclusions on viscosity changes, directly in the product. This eliminates the regular sampling, rather time consuming offline measurement process.
- VISCOSITY CALCULATION**
The viscosity 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
THB 222,660.00
Ident. No. 0025003604



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

Name	Description	Ident. No.	Price
ACCESSORIES STARVISC 200-2.5 CONTROL			
STIRRING ELEMENTS			
R 1302	Dissolver stirrer, Ø 100 mm	0002387900	THB 20,250.00
R 1330	Anchor stirrer, Ø 45 mm	0002022300	THB 13,810.00
R 1331	Anchor stirrer, Ø 90 mm	0002022400	THB 16,720.00
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	THB 6,670.00
R 1375	Paddle stirrer, Ø 70 mm	0000757700	THB 6,510.00
BOSS HEAD CLAMPS			
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	THB 4,290.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	THB 6,920.00
STANDS			
R 2722	H-stand, 1010 mm	0001412000	THB 24,860.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	THB 46,110.00
SOFTWARE			
labworld-soft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	THB 39,940.00
labworld-soft® 6 Starter	For configurations up to 3 devices	0020019397	THB 158,290.00
labworld-soft® 6 Pro	For all configurations – any number of devices can be controlled at the same time	0020017366	THB 361,200.00



“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
THB 138,570.00
Ident. No. 0010013698

② ROTAVISC me-vi
HELI Complete
THB 138,570.00
Ident. No. 0010013731

③ ROTAVISC hi-vi I
HELI Complete
THB 138,570.00
Ident. No. 0010013745

④ ROTAVISC hi-vi II
HELI Complete
THB 138,570.00
Ident. No. 0010013764



OUR PACKAGES

HELI Complete:
including motorized HELISTAND

① ROTAVISC SBS me-vi
HELI Complete
THB 153,740.00
Ident. No. 0010013683

② ROTAVISC SBS hi-vi I
HELI Complete
THB 153,740.00
Ident. No. 0010013658

③ ROTAVISC SBS hi-vi II
HELI Complete
THB 153,740.00
Ident. No. 0010013672



With Ball Bearing
Technology

TECHNICAL DATA	ROTAVISC HELI COMPLETE
Viscosity accuracy	± 1 % FSR
Viscosity repeatability	0.2 % FSR
Display	TFT
Working temperature	Min.: -100 °C Max.: +300 °C
Speed	0.01 – 200 rpm
Speed setting accuracy	in range 0.01 – 1: 0.01 rpm in range 1 – 200: 0.1 rpm
Temperature measurement resolution	0.1 K
Connection for ext. temperature sensor	PT 100
Interfaces	USB, RS 232
Dimensions (W 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**
THB 120,760.00
Ident. No. 0010013826
- ② **ROTAVISC me-vi Complete**
On Request
Ident. No. 0010013827
- ③ **ROTAVISC hi-vi I Complete**
THB 120,760.00
Ident. No. 0010013828
- ④ **ROTAVISC hi-vi II Complete**
THB 120,760.00
Ident. No. 0010013829



- ① **ROTAVISC SBS me-vi Complete**
On Request
Ident. No. 0010013824
- ② **ROTAVISC SBS hi-vi I Complete**
THB 136,750.00
Ident. No. 0010013820
- ③ **ROTAVISC SBS hi-vi II Complete**
THB 136,750.00
Ident. No. 0010013822

With Ball Bearing Technology



OUR PACKAGES

Complete:
including ROTASTAND

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

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

* 1 mPas with ELVAS-1



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

THB 127,580.00
Ident. No. 0020102007

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



HELISTAND Set
(HELISTAND + T-SP-Set)

Product	Description	Ident. No.	Price
STANDS			
ROTASTAND	Stand for ROTAVISC	0020006787	THB 32,800.00
HELISTAND	Electrical stand for ROTAVISC	0025007567	THB 42,970.00
HELISTAND Set	Electrical stand incl. T-spindle set	0025008233	THB 57,890.00
SP RACK	Spindle rack	0020104809	THB 2,430.00
SOFTWARE			
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	THB 39,940.00



Adapter: DINS-1



Adapter: O DIN S-1



Adapter: VOLS-1



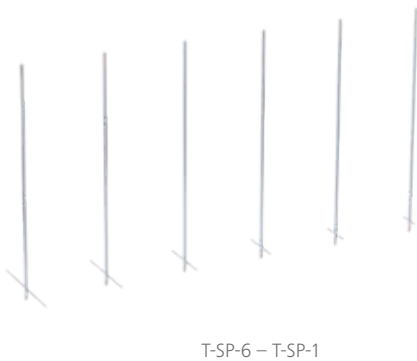
Hook Connector

Quick Connector



Spindle set: VAN-1

Product	Description	Ident. No.	Price
ADAPTERS			
DINS-1	DIN adapter set	0025000387	THB 81,140.00
O DIN S-1	Open DIN adapter set	0025000326	THB 81,140.00
SAS-1	Spiral adapter set	0025000377	THB 42,790.00
ELVAS-1	Extremely low viscosity adapter set	0025000390	THB 53,700.00
VOLS-1	Low volume adapter set	0025000352	THB 46,090.00
VOLS-1 flex	Adapter set for small volumes, without spindle and chamber	0020114188	THB 23,450.00
ACCESSORIES VISCOMETERS			
DWB 600	Double-walled beaker 600 ml	0020024575	THB 28,680.00
BH 600	Clamp for 600 ml beaker	0025000400	THB 5,510.00
Hook Connector	Hook connector for spindles	0025000338	THB 5,720.00
Quick Connector	Quick connector for spindles	0025000339	THB 5,720.00
PT 100.8	Temperature sensor, stainless steel, Ø 3 mm, 75 mm	0025000413	THB 2,330.00
SPINDLE SET			
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	THB 8,110.00
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	THB 6,860.00
T-SP-Set	T-spindle set	0025007765	THB 14,930.00
VAN-1	Vane spindle set	0025000407	THB 39,670.00



Product	Description	Ident. No.	Price
SPINDLES SINGLE			
SP-1	Standard spindle	0025006828	THB 3,260.00
SP-2	Standard spindle	0025006829	THB 3,070.00
SP-3	Standard spindle	0025006830	THB 2,980.00
SP-4	Standard spindle	0025006831	THB 2,810.00
SP-5	Standard spindle	0025006832	THB 5,510.00
SP-6	Standard spindle	0025006833	THB 5,510.00
SP-7	Standard spindle	0025006834	THB 2,370.00
SP-8	Standard spindle	0025006835	THB 2,290.00
SP-9	Standard spindle	0025006836	THB 2,290.00
SP-10	Standard spindle	0025006837	THB 2,170.00
SP-11	Standard spindle	0025006838	THB 2,060.00
SP-12	Standard spindle	0025006839	THB 1,650.00
T-SP-1	T-spindle	0025008238	THB 2,430.00
T-SP-2	T-spindle	0025008239	THB 2,430.00
T-SP-3	T-spindle	0025008240	THB 2,430.00
T-SP-4	T-spindle	0025008241	THB 2,430.00
T-SP-5	T-spindle	0025008242	THB 2,430.00
T-SP-6	T-spindle	0025008243	THB 2,430.00
T-SP-nut	T-spindle nut	0020108874	THB 2,170.00
T-SP-coupling	T-spindle coupling	0020108842	THB 3,550.00
VAN-SP-1	Vane spindle	0025006853	THB 13,540.00
VAN-SP-2	Vane spindle	0025006854	THB 10,950.00
VAN-SP-3	Vane spindle	0025006855	THB 9,990.00
VAN-SP-4	Vane spindle	0025006856	THB 9,380.00
VAN-SP-5	Vane spindle	0025008376	THB 8,840.00
S-SP	Spiralspindel	0025006843	THB 6,150.00
S-C-1	Chamber for S-SP spiral spindle	0020108896	THB 21,570.00
SCB	Spindle brush for S-SP	0020108882	THB 1,650.00
VOL-SP-6.7	Spindle for VOLS-1, 6.7 ml	0025006845	THB 12,470.00
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	THB 12,470.00
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	THB 12,870.00
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	THB 12,870.00
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	THB 12,870.00
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	THB 12,870.00
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	THB 12,870.00
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	THB 12,870.00
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	THB 12,870.00



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	THB 12,870.00
VOL-C-RTD-1	VOL-C-RTD-1 chamber	0025007603	THB 15,570.00
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	THB 15,570.00
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	THB 12,870.00
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	THB 15,570.00
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	THB 12,870.00
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	THB 15,570.00
VOLS 1.11	Extension connector	0020107301	THB 3,700.00
VOLS 1.21	Cover for VOLS chamber	0020108881	THB 1,050.00
ELVAS-SP	ELVAS Spindle	0025006844	THB 12,870.00
ELVAS-C	ELVAS sample chamber (open)	0020107138	THB 11,520.00
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	THB 7,600.00
DIN-SP-5	DIN spindle 5	0025006840	THB 12,870.00
DIN-SP-6	DIN spindle 6	0025006841	THB 12,870.00
DIN-SP-7	DIN spindle 7	0025006842	THB 12,870.00
DIN-C-1	Chamber for DIN-SP-5	0020108883	THB 13,150.00
DIN-C-2	Chamber for DIN-SP-6, DIN-SP-7	0020108885	THB 13,150.00
O-DIN-C-1	Open chamber for DIN-SP-5	0020108887	THB 11,520.00
O-DIN-C-2	Open chamber for DIN-SP-6	0020108888	THB 11,520.00
O-DIN-C-3	Open chamber for DIN-SP-7	0020108889	THB 11,520.00
CC-1	Chamber cap (6 pcs.) for ELVAS / DINS	0020107043	THB 1,180.00
STANDARD SILICONE OILS			
CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	THB 5,290.00
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	THB 5,290.00
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	THB 5,290.00
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	THB 5,290.00
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	THB 5,290.00
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	THB 5,290.00
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	THB 5,290.00
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	THB 5,290.00
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	THB 5,290.00
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	THB 5,290.00
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	THB 5,290.00

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
THB 88,730.00
Ident. No. 0020016236



Automatic cleaning function for increased service life



VACSTAR control
THB 142,140.00
Ident. No. 0020109375

TECHNICAL DATA

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

Product	Ident. No.	Price
ACCESSORIES VACSTAR DIGITAL AND CONTROL		
VSE 1 vacuum safety emission	0035001873	THB 17,970.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	THB 1,430.00



VSE 1



VH.SI.8

MVP 10 basic
THB 61,610.00
Ident. No. 0003980000



Product	Ident. No.	Price
ACCESSORIES MVP 10 BASIC		
VCV 1 vacuum control valve manual	0020004850	THB 22,420.00
VCV 2 vacuum control valve digital	0020004893	THB 37,100.00
VSS 1 vacuum safety set	0020005194	THB 31,370.00
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	THB 1,430.00
Y hose connector 8 mm	0020010963	THB 220.00



VSS 1



VCV 1



VC 10.300



VC 10.400

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



Product	Ident. No.	Price
ACCESSORIES VACUUM CONTROLLER		
VC 10.300 check valve	0020011105	THB 6,580.00
VC 10.400 table holder	0035001735	THB 8,110.00
VC 10.500 Stand pole	0035002702	THB 2,970.00

① VC 10 lite
THB 30,930.00
Ident. No. 0020111998

② VC 10 pro
THB 46,590.00
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

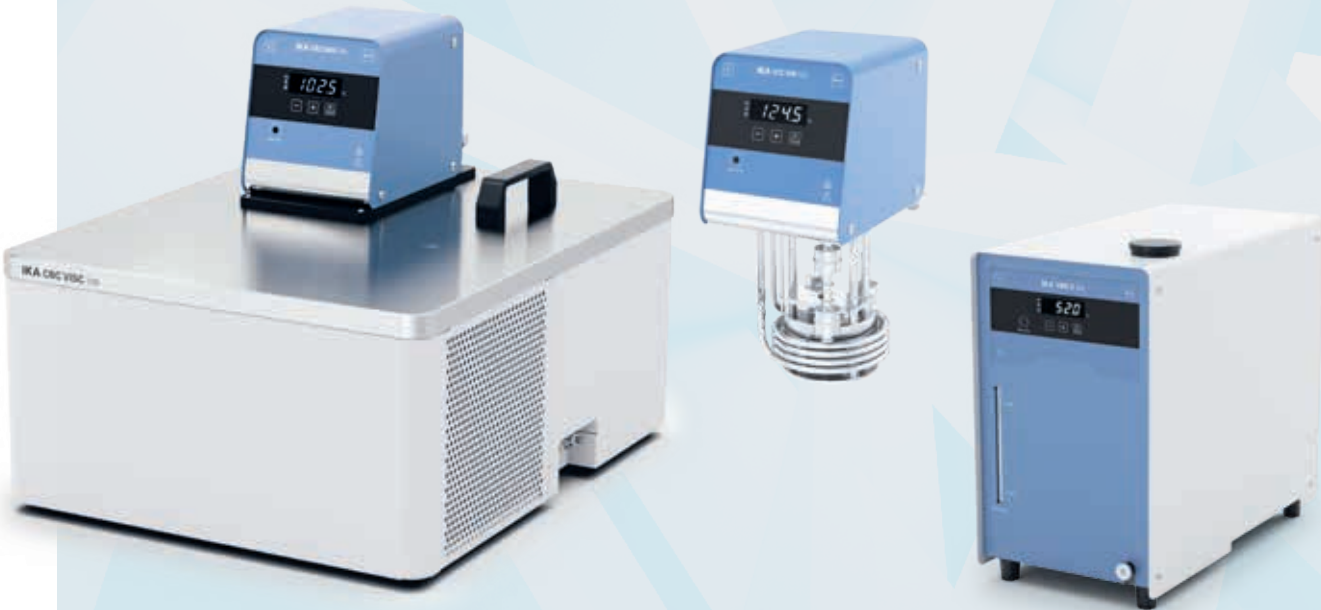
According to DIN 12876, our wide range of chillers, heating bath circulators and immersion circulators are suitable for a temperature range from -30 to 250 °C. All temperature control devices meet the highest requirements for precision, safety, performance and intelligence. With the new circulators in 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
THB 28,440.00
Ident. No. 0020105647

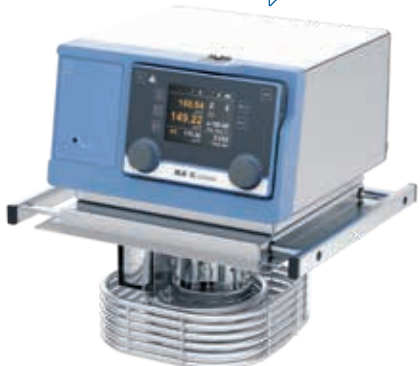
ICC 150 lite
THB 33,760.00
Ident. No. 0020105581

IC basic
THB 99,640.00
Ident. No. 0003861000

IC control
THB 129,220.00
Ident. No. 0003863000

① ICC basic
THB 45,450.00
Ident. No. 0004134400

② ICC control
THB 69,390.00
Ident. No. 0004136600



CC 1 cooling coil
included in delivery

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

* Possible operating temperatures with cooling coil: -25 °C to 100/150 °C
** Possible operating temperatures with cooling coil: -20 °C to 150 °C
*** Possible operating temperatures with cooling coil: -20 °C to 250 °C

Product	Description	Bath size	Bath opening (W × D)*	Ident. No.	Price
HEATING BATH CIRCULATORS					
ICC 100 lite eco 8	Package with 8 l eco bath	S	188 × 105 mm	0010013176	THB 47,030.00
ICC 100 lite eco 18	Package with 18 l eco bath	L	245 × 305 mm	0010013187	THB 52,490.00
ICC 150 lite pro 9	Package with 9 l pro bath	S	195 × 100 mm	0010013199	THB 58,280.00
ICC 150 lite pro 12	Package with 12 l pro bath	M	255 × 127 mm	0010013210	THB 60,620.00
ICC 150 lite pro 20	Package with 20 l pro bath	L	255 × 309 mm	0010013221	THB 65,000.00
ICC basic eco 8	Package ICC basic, 8 l eco bath	S	188 × 105 mm	0008034900	THB 61,800.00
ICC basic pro 9	Package ICC basic, 9 l pro bath	S	195 × 100 mm	0008035100	THB 67,620.00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 × 127 mm	0010000414	THB 70,260.00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 × 305 mm	0008035000	THB 67,390.00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 × 309 mm	0008035200	THB 74,370.00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 × 105 mm	0008035300	THB 84,520.00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 × 100 mm	0008035500	THB 90,340.00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 × 127 mm	0010000415	THB 93,020.00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 × 305 mm	0008035400	THB 90,110.00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 × 309 mm	0008035600	THB 97,100.00
COMBINED HEATING BATH CIRCULATORS					
ICC 150 lite pro 9 c	Package with 9 l pro bath, cover	S	195 × 100 mm	0010013233	THB 69,800.00
ICC 150 lite pro 12 c	Package with 12 l pro bath, cover	M	255 × 127 mm	0010013244	THB 73,460.00
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 × 105 mm	0008035700	THB 77,610.00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 × 100 mm	0008035900	THB 83,420.00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 × 127 mm	0010000416	THB 87,340.00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 × 305 mm	0008035800	THB 85,290.00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 × 309 mm	0008036000	THB 92,280.00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 × 105 mm	0008036100	THB 112,100.00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 × 100 mm	0008036300	THB 117,920.00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 × 305 mm	0008036200	THB 119,790.00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 × 127 mm	0010000417	THB 121,830.00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 × 309 mm	0008036400	THB 126,780.00
PACKAGES WITH MAGNETIC STIRRER					
ICC basic IB R RO 15 eco	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002471	THB 158,490.00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002474	THB 180,050.00
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006740	THB 188,210.00
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006736	THB 209,760.00

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

NEW! Immersion Circulate Package Available from Q2/2024

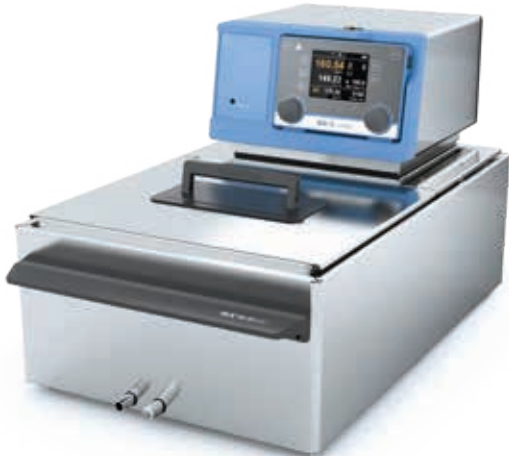


ICC 100 lite eco 8

BESTSELLER



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



IC control pro 20 c

NEW! Immersion Circulate Package Available from Q2/2024



ICC 150 lite pro 20

Product	Description	Bath size	Bath opening (W × D)*	Ident. No.	Price
COMBINED HEATING BATH CIRCULATORS					
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 × 80 mm	0008039900	THB 143,860.00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 × 262 mm	0008036800	THB 149,630.00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 × 80 mm	0008040000	THB 166,650.00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 × 262 mm	0008037200	THB 172,430.00

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

/// HEATING BATH CIRCULATORS

- 1

HBC 5 basic
THB 125,640.00
Ident. No. 0004125000
- 2

HBC 5 control
THB 161,670.00
Ident. No. 0004127000
- 3

HBC 10 basic
THB 134,300.00
Ident. No. 0004135000
- 4

HBC 10 control
THB 170,320.00
Ident. No. 0004137000



/// REFRIGERATED AND HEATING BATH CIRCULATORS

- 1

CBC 5 basic
THB 189,810.00
Ident. No. 0004165000
- 2

CBC 5 control
THB 226,380.00
Ident. No. 0004167000



/// REFRIGERATED AND HEATING CIRCULATORS

- 1

HRC 2 basic
THB 147,860.00
Ident. No. 0025003742
- 2

HRC 2 control
THB 196,900.00
Ident. No. 0025004524



/// REFRIGERATED AND HEATING CIRCULATOR

- 1

HRC 2 lite
THB 96,900.00
Ident. No. 0020104311



TECHNICAL DATA	HBC 5 BASIC CONTROL HBC 10 BASIC CONTROL	CBC 5 BASIC CONTROL	HRC 2 BASIC CONTROL	HRC 2 LITE
Appliance type	Heated bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator
Temperature range	RT + 10 °C* – 250 °C	-25 °C – 200 °C	-20 °C – 100 °C -30 °C** – 100 °C	-10 °C – 100 °C
Heater capacity	2500 W	2500 W	1500 W	1000 W
Filling volume	5 – 7 l 8 – 11 l 5 – 7 l 8 – 11 l	5 – 7 l	1.4 – 4 l	1 – 3.5 l
Cooling capacity at 20 °C	–	350 W	400 W	400 W
Display	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)	LED
Temperature stability DIN 12876	± 0.02 K ± 0.01 K	± 0.02 K ± 0.01 K	± 0.1 K ± 0.05 K	± 0.1 K
Max. flow rate	31 l/min	31 l/min	21 l/min	18 l/min
Max. pump pressure/suction	0.61 bar / 0.45 bar	0.61 bar / 0.45 bar	0.5 bar / 0.25 bar	0.35 / 0.15 bar
Dimensions (W × 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
THB 84,520.00
Ident. No. 0025006624



- 1

RC 2 basic
THB 131,690.00
Ident. No. 0004171000
- 2

RC 2 control
THB 167,680.00
Ident. No. 0004173000



- 1

RC 2 GREEN basic
THB 142,220.00
Ident. No. 0025004186
- 2

RC 2 GREEN control
THB 187,700.00
Ident. No. 0025006638



- 1

RC 5 basic
THB 185,830.00
Ident. No. 0004181000
- 2

RC 5 control
THB 225,780.00
Ident. No. 0004183000



TECHNICAL DATA	RC 2 LITE	RC 2 BASIC CONTROL	RC 2 GREEN BASIC CONTROL	RC 5 BASIC CONTROL
Appliance type	Recirculating chiller	Recirculating chiller	Recirculating chiller	Recirculating chiller
Cooling fluid	R290	R134a	R290	R290
Cooling capacity at 20 °C	400 W	400 W	800 W	1400 W
Temperature range	-10 °C – RT	-20 °C – RT -30 °C – RT	-30 °C – RT	-30 °C – RT
Display	LED	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)
Temperature stability DIN 12876	± 0.5 K	± 0.1 K ± 0.05 K	± 0.15 K	± 0.2 K ± 0.1 K
Max. flow rate	18 l/min	18 l/min	21 l/min	31 l/min
Max. pump pressure	0.35 bar	0.3 bar	0.5 bar	0.61 bar
Min. suction pressure	0.15 bar	0.2 bar	0.25 bar	0.45 bar
Dimensions (W × 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

Product	Description	Ident. No.	Price
ACCESSORIES FOR ICC			
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	THB 5,250.00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	THB 6,560.00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	THB 7,460.00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	THB 21,300.00
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	THB 10,930.00
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	THB 5,250.00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	THB 5,480.00
BS.ICC lite	Bridge, small for ICC lite, 8/9 l bath vessels	0020119539	THB 5,830.00
BL.ICC lite	Bridge, big for ICC lite, 8/9 l bath vessels	0020119540	THB 5,580.00
CC2	Cooling coil for ICC	0025001061	THB 5,250.00
PCS.ICC	Pump connection set for ICC	0004471900	THB 6,150.00

ACCESSORIES FOR IC			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	THB 5,380.00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	THB 7,150.00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	THB 5,380.00
CC1	Cooling coil for IC basic / control	0020005116	THB 5,610.00

BATH VESSELS			
Bath size S			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	THB 14,340.00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	THB 15,250.00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	THB 20,460.00

Bath size M			
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	THB 23,030.00

Bath size L			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	THB 19,990.00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	THB 22,590.00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	THB 19,990.00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	THB 28,250.00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	THB 34,250.00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	THB 67,280.00
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	THB 27,340.00



IB R 9 eco IB 18 eco



IB 9 pro IB 20 pro



HF.Si.20.200.50



LT 5.32



H.SI.8



H.FKM.12.ISO

Product	Description	Ident. No.	Price
THERMOFLUIDS			
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	THB 20,860.00
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	THB 18,690.00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	THB 19,560.00

HOSES			
LT 5.32	Temperature control hose, 1.6 m	0020113271	THB 26,020.00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1.5 m	0004568800	THB 560.00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1.5 m	0004568900	THB 680.00
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	THB 1,100.00
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1.5 m	0004569000	THB 1,380.00
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1.5 m	0004569100	THB 1,620.00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 x 1.5 m, reinforced	0020004612	THB 2,420.00
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 x 1.5 m	0020004613	THB 3,030.00
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 x 1.5 m	0004569200	THB 12,230.00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 x 1.5 m, M 16 x 1	0004569300	THB 16,120.00
H.FKM.8.ISO	Hose set FKM incl. insulation, Ø 8 mm	0010011653	THB 13,330.00
H.FKM.12.ISO	Hose set incl. insulation, FKM, Ø 12 mm	0010011652	THB 17,550.00
H.PUR.12.AD	Hose set incl. M 16x1 connection, PUR 90 °C, Ø 12 mm	0010011654	THB 5,540.00

INSULATION FOR HOSES			
ISO.8	Insulation, Ø 8 mm, 2 x 1.5 m	0004569400	THB 1,130.00
ISO.12	Insulation, Ø 12 mm, 2 x 1.5 m	0004569500	THB 1,450.00



ISO.8



ISO.12



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	THB 3,510.00
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	THB 3,510.00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	THB 3,510.00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	THB 5,920.00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø17 mm	0020004030	THB 5,920.00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	THB 5,920.00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	THB 7,660.00
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	THB 2,420.00
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	THB 2,420.00
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	THB 2,420.00
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	THB 16,710.00
Bottom plate L	Bottom plate for bath size L	0020006212	THB 18,250.00
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	THB 15,250.00

FLOATING RACKS			
Floating tube rack 1	Floating tube rack for 24 × 1,5 / 2,0 ml tubes, 5 pcs.	0020003667	THB 1,410.00
Floating tube rack 2	Floating tube rack for 8 × 15 ml tubes, 5 pcs.	0020003668	THB 1,410.00
Floating tube rack 3	Floating tube rack for 4 × 50 ml tubes, 5 pcs.	0020003669	THB 1,410.00

ADDITIONAL ACCESSORIES			
WH10	WiCo Holder	0020000984	THB 920.00
PT 100.30	Temp. sensor, stn. steel	0004284700	THB 12,400.00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	THB 7,660.00
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	THB 4,640.00
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	THB 5,890.00
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	THB 8,430.00



CO V 1



Ball valve M16x1



Mechanic fluid level controller



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4

Product	Description	Ident. No.	Price
VALVES AND LEVEL CONTROLLERS			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	THB 16,540.00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	THB 24,330.00
Ball valve M16 × 1	Ball valve, completely opening (M 16 × 1)	0020004620	THB 3,640.00
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	THB 13,540.00

ADAPTERS			
Elbow tube 90°	Elbow tube 90°	0025001212	THB 3,280.00
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	THB 2,220.00
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	THB 220.00
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	THB 1,170.00
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	THB 1,170.00
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	THB 1,170.00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	THB 1,170.00
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	THB 1,800.00
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	THB 5,480.00
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	THB 6,560.00
Adapter M16 × 1 f - G1/4 m	Adapter M 16 × 1 female to G 1/4 male	0020008807	THB 3,950.00
Adapter M16 × 1 m - G1/4 m	Adapter M 16 × 1 male to G 1/4 male	0020008734	THB 2,040.00
Adapter M16 × 1 m -G1/2 m	Adapter M 16 × 1 male to G 1/2 male	0020008796	THB 2,040.00
Adapter M16 × 1 f - G1/2 m	Adapter M 16 × 1 female to G 1/2 male	0020008800	THB 3,950.00
Adapter M16 × 1 f - G3/8 m	Adapter M 16 × 1 female to G 3/8 male	0020008730	THB 3,950.00
Adapter M16 × 1 m - G3/8 m	Adapter M 16 × 1 male to G 3/8 male	0020008754	THB 2,040.00
Adapter M16 × 1 m - M 16 × 1 m	Adapter M 16 × 1 male to M 16 × 1 male, for hose extension	0025007118	THB 2,040.00
Lock nut	Lock nut, 2 pcs.	0020004583	THB 1,380.00
Stopper	Stopper, 2 pcs.	0020004584	THB 1,380.00

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

DRY BLOCK HEATERS

/// Provide precise temperature control in small vessels



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

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

Dry Block Heater 1

THB 39,270.00
Ident. No. 0004025100



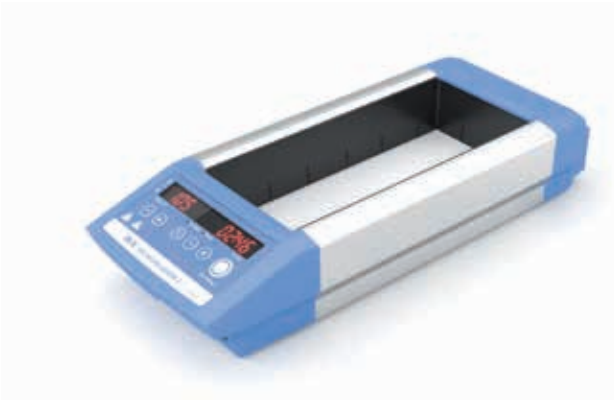
Dry Block Heater 2

THB 47,960.00
Ident. No. 0004025200



Dry Block Heater 3

THB 56,220.00
Ident. No. 0004025300



Dry Block Heater 4

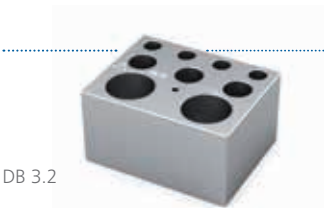
THB 64,850.00
Ident. No. 0004025400



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



DB 1.1



DB 3.2



DB 4.1



DB 4.6



DB 5.2



DB 5.8



DB 8.1



MICRO CENTRIFUGE TUBES

Product	Description	Ident. No.	Price
DB 1.1	Single block, PCR tubes, Ø 7,9 mm	0004467600	THB 4,350.00
DB 1.2	Single block, Eppendorf tubes, Ø 11,5 mm	0004467700	THB 4,350.00
DB 1.3	Single block, microtubes, Ø 11,1 mm	0004467800	THB 4,350.00
DB 1.4	Single block, VWR Eppendorf tubes, Ø 10.9 mm	0004467900	THB 4,350.00
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	THB 4,350.00



CONICAL BOTTOM CENTRIFUGE TUBES

DB 2.1	Single block, conical tubes, Ø 17,1 mm	0004468100	THB 4,350.00
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	THB 4,350.00



COMBINATION BLOCKS

DB 3.1	Single block, test tube comb., 6 12 13 25 mm	0004468300	THB 4,350.00
DB 3.2	Single block, centrifuge comb., 1,5 15 50 ml	0004468400	THB 4,350.00
DB 3.3	Single block, microtube comb., 0.5 1,5 2 ml	0004468500	THB 4,350.00



STANDARD TEST TUBES

DB 4.1	Single block, 30 round tubes, Ø 8,3 mm	0004468600	THB 4,580.00
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700	THB 4,580.00
DB 4.3	Single block, 16 round tubes, Ø 13,9 mm	0004468800	THB 4,580.00
DB 4.4	Single block, 20 round tubes, Ø 13,9 mm	0004468900	THB 4,580.00
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000	THB 4,580.00
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	THB 4,580.00
DB 4.7	Single block, 6 round tubes, Ø 26,2 mm	0004469200	THB 4,580.00
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	THB 4,580.00
DB 4.9	Single block, 12 round tubes, Ø 19,1 mm	0004469400	THB 4,580.00



VIALS

DB 5.1	Single block, 12 mm vials, Ø 12,7 mm	0004469500	THB 4,580.00
DB 5.2	Single block, 15 mm vials, Ø 15,8 mm	0004469600	THB 4,580.00
DB 5.3	Single block, 17 mm vials, Ø 17,8 mm	0004469700	THB 4,580.00
DB 5.4	Single block, 19 mm vials, Ø 19,7 mm	0004469800	THB 4,580.00
DB 5.5	Single block, 21 mm vials, Ø 21,7 mm	0004469900	THB 4,580.00
DB 5.6	Single block, 23 mm vials, Ø 23,8 mm	0004470000	THB 4,580.00
DB 5.7	Single block, 25 mm vials, Ø 25,8 mm	0004470100	THB 4,580.00
DB 5.8	Single block, 28 mm vials, Ø 28,8 mm	0004470200	THB 4,580.00
DB 5.9	Single block, 16 mm vials, Ø 16,4 mm	0004470300	THB 4,580.00



STANDARD TEST TUBES

DB 6.1	Single block, 10 x 8 PCR tube strips, Ø 6,4 mm	0004470400	THB 4,350.00
DB 6.2	Single block, 64 PCR tubes, Ø 6,4 mm	0004470500	THB 4,350.00
DB 6.3	Double block, 1 x 96-Well PCR plate, Ø 6,4 mm	0004470600	THB 10,530.00
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	THB 6,310.00
DB 8.1	Single block, 2 x 6 cuvettes, Ø 12,5 mm	0004470700	THB 4,350.00

TEMPERATURE SENSORS

PT 1000.60	Temp. sensor, stn. steel, Ø 3 mm, depth: 230 mm	0003516800	THB 4,920.00
PT 1000.90	Temp. sensor, coated, Ø 3 mm, depth: 230 mm	0004480600	THB 6,950.00

C-MAG HP 4

THB 19,500.00
Ident. No. 0003581600



C-MAG HP 10

THB 29,300.00
Ident. No. 0003582000

C-MAG HP 7

THB 21,450.00
Ident. No. 0003581800



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 x 100 mm	180 x 180 mm	260 x 260 mm
Dimensions (W x H x D)	150 x 105 x 260 mm	220 x 105 x 330 mm	300 x 105 x 415 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21

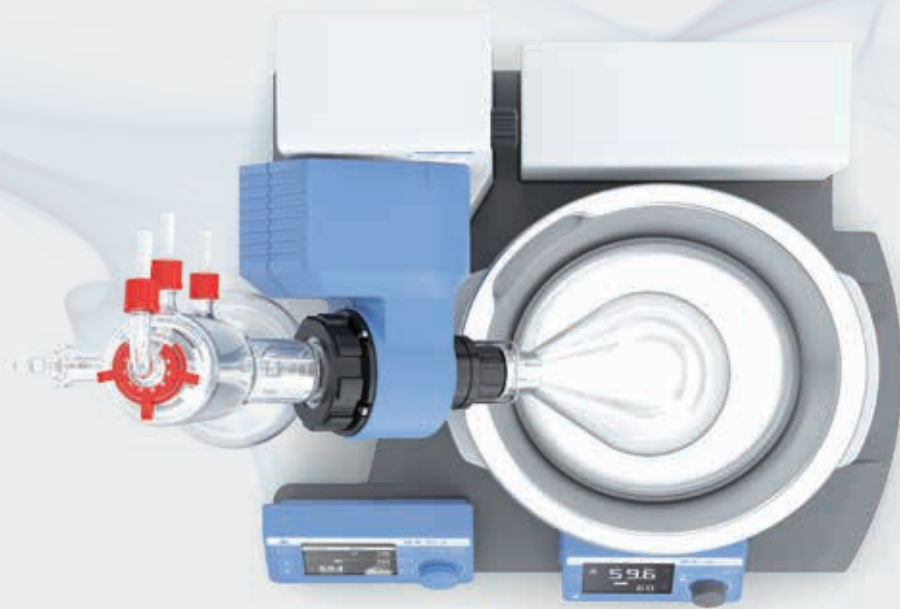
IKA heating baths are developed with a strong focus on safety. All baths are equipped with a double jacket to protect against burns and a safety temperature monitor prevents overheating of the bath. After turning on the unit, the safety functions are automatically checked.

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

THB 42,640.00
Ident. No. 0020016337



HB digital

THB 53,200.00
Ident. No. 0020016334



Heating temperature up to 180 °C

HBR 4 control

THB 143,170.00
Ident. No. 0020003549



Integrated magnetic stirrer drive

Product		Ident. No.	Price
ACCESSORIES HB ECO DIGITAL			
HB 10.3	Protection cover HB eco and digital	0020024125	THB 30,680.00
ACCESSORIES HBR 4 CONTROL			
H 240	Ring set	0002858700	THB 20,100.00
H 159	Intermediate bottom	0001809700	THB 9,210.00

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
THB 70,160.00
Ident. No. 0020117172

Decontamination mode



/// INCUBATOR SHAKER

INC 125 FS digital (SP20)
THB 173,770.00
Ident. No. 0020117221

INC 125 FS digital (SP25)
THB 173,770.00
Ident. No. 0020117230

Up to two devices stackable



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**
THB 78,570.00
Ident. No. 0020003215

② **Oven 125 basic - dry glass**
THB 94,360.00
Ident. No. 0020003956

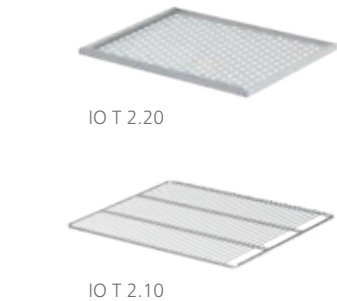


① **Oven 125 control - dry**
THB 129,320.00
Ident. No. 0020003990

② **Oven 125 control - dry glass**
THB 145,520.00
Ident. No. 0020003996



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

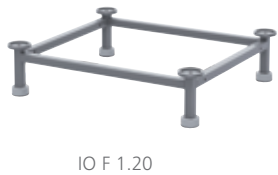


Product	Description	Ident. No.	Price
ACCESSORIES FOR INC 125 INCUBATOR AND INCUBATOR SHAKER			
IO T 2.20	Perforated tray	0020118202	THB 4,210.00
IO T 2.10	Wire grid tray	0020118621	THB 1,940.00
IO S 2.10	Stacking kit	0020118174	THB 2,100.00
Service - changing of door opening direction		0010012073	THB 5,250.00

ACCESSORIES FOR INC 125 F DIGITAL INCUBATOR			
IO L 2.10	Door lock	0035004372	THB 3,480.00



ACCESSORIES FOR INC 125 FS DIGITAL INCUBATOR SHAKER			
IO SP 20	Shaker platform with 20 mm shaking stroke	0035004555	THB 66,650.00
IO SP 25	Shaker platform with 25 mm shaking stroke	0020117011	THB 66,650.00
IO T 2.30	Drip pan	0020118266	THB 3,810.00
STICKMAX	Universal adhesive mat	0003920000	THB 2,050.00
AS 2.0	Fixing clips, 10 ml	0020016475	THB 1,850.00
AS 2.1	Fixing clips, 25 ml	0001234300	THB 990.00
AS 2.2	Fixing clips, 50 ml	0001234400	THB 990.00
AS 2.3	Fixing clips, 100 ml	0001234500	THB 990.00
AS 2.4	Fixing clips, 200/ 250 ml	0001234600	THB 1,850.00
AS 2.5	Fixing clips, 500 ml	0001234700	THB 1,850.00
AS 2.6	Fixing clips, 1000 ml	0003819300	THB 1,850.00
AS 2.7	Fixing clips, 2000 ml	0020016476	THB 2,600.00



ACCESSORIES FOR OVEN			
IO F 1.20	Spacer frame	0035001326	THB 18,690.00
PT 100.31	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0020009564	THB 12,030.00



ACCESSORIES FOR ALL TEMPERING CHAMBERS			
IO T 1.00	Wire grid tray, chrom plated	0020024935	THB 5,250.00
IO T 1.10	Enhanced wire grid tray	0020007600	THB 9,200.00
IO F 1.10	Roller frame	0020007601	THB 32,590.00
IO B 1.10	Roller box	0020007602	THB 37,330.00
IO P 1.10	Table top work plate	0020007603	THB 34,690.00

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**
THB 88,570.00
Ident. No. 0010003324

② **RV 3 V-C**
THB 94,420.00
Ident. No. 0010003328

③ **RV 3 FLEX**
THB 83,060.00
Ident. No. 0010003331
- ⑥ **RV 3 pro V Complete**
THB 259,630.00
Ident. No. 0010011410

⑦ **RV 3 pro V-C Complete**
THB 272,810.00
Ident. No. 0010012324
- ① **RV 8 V**
THB 110,300.00
Ident. No. 0010003482

② **RV 8 V-C**
THB 116,500.00
Ident. No. 0010003485

③ **RV 8 FLEX**
THB 104,410.00
Ident. No. 0010003488
- ⑥ **RV 8 pro V Complete**
THB 312,460.00
Ident. No. 0010011411

⑦ **RV 8 pro V-C Complete**
THB 325,630.00
Ident. No. 0010012325



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

THB 166,340.00

Ident. No. 0010004799
- ②

RV 10 digital V-C

THB 180,300.00

Ident. No. 0010004802
- ③

RV 10 digital FLEX

THB 159,670.00

Ident. No. 0010004805
- ④

RV 10 digital pro V Complete

THB 345,360.00

Ident. No. 0010011963
- ⑤

RV 10 digital pro V-C Complete

THB 358,530.00

Ident. No. 0010012326



TECHNICAL DATA	RV 10 DIGITAL
Motor type	Brushless DC drive motor
Speed range	5 – 280 rpm
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Type of cooling	Vertical
Cooling surface	1600 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

THB 348,920.00

Ident. No. 0010004815*
- ②

RV 10 auto pro V-C

THB 362,110.00

Ident. No. 0010004812*
- ③

RV 10 auto pro FLEX

THB 345,540.00

Ident. No. 0010004818*
- ④

RV 10 auto pro V-C Complete

THB 400,930.00

Ident. No. 0010007353
- ⑤

RV 10 digital pro V double Complete

THB 614,010.00

Ident. No. 0010011964
- ⑥

RV 10 digital pro V-C double Complete

THB 640,370.00

Ident. No. 0010012327

TECHNICAL DATA	RV 10 AUTO PRO
Motor type	Brushless DC drive motor
Speed range	5 – 300 rpm
Speed display	Digital
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Type of cooling	Vertical
Cooling surface	1600 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 10.1
RV 10.11 enlarged surface



RV 10.3
RV 10.4



RV 10.400
RV 10.500



RV 10.600
RV 10.606



RV 10.84
RV 10.301

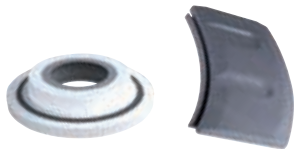
Product	Description	Ident. No.	Price
ACCESSORIES RV 10, RV 8, RV 3			
RV 10.1	Set of glassware, vertical	0003655300	THB 32,490.00
RV 10.10	Set of glassware, vertical, coated	0003755400	THB 45,680.00
RV 10.11 enlarged surface	Vertical-condenser, enlarged surface	0020019652	THB 40,070.00
RV 10.110 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	THB 48,400.00
RV 10.2	Set of glassware, diagonal	0003755300	THB 33,590.00
RV 10.20	Set of glassware, diagonal, coated	0003755500	THB 46,500.00
RV 10.3	Vertical-intensive condenser, manifold	0003741000	THB 39,110.00
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	THB 53,500.00
RV 10.4	Dry ice condensor	0003742000	THB 39,380.00
RV 10.40	Dry ice condensor, coated	0003742100	THB 62,870.00
RV 10.5	Vertical-condenser, reflux	0003743000	THB 62,830.00
RV 10.50	Vertical-condenser, reflux, coated	0003743100	THB 68,880.00
RV 10.6	Vertical-intensive condenser, reflux	0003744000	THB 68,970.00
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	THB 75,170.00
RV 05.10	Balljoint clamp	0000736600	THB 800.00
RV 10.88	Clamp, NS 29	0003683300	THB 800.00
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	THB 25,640.00
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	THB 29,340.00
RV 10.500	Foam brake, NS 29/32	0003739200	THB 5,450.00
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	THB 21,980.00
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	THB 36,750.00
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	THB 51,500.00
RV 10.610	Distilling sleeve, 20 ml	0003919400	THB 640.00
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	THB 26,800.00
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	THB 29,370.00
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	THB 1,320.00
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	THB 2,600.00
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	THB 1,320.00
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	THB 2,600.00
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	THB 2,440.00
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	THB 4,850.00
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	THB 2,560.00
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	THB 5,040.00
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	THB 2,600.00
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	THB 5,190.00
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	THB 4,140.00
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	THB 8,140.00
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	THB 6,290.00
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	THB 12,500.00
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	THB 1,320.00
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	THB 1,320.00



RV 10.103



RV 10.74



RV 10.8001
RV 10.3000



RV 3.1
RV 3.4



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	THB 2,270.00
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	THB 2,340.00
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	THB 2,510.00
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	THB 2,600.00
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	THB 4,260.00
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	THB 7,850.00
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	THB 4,440.00
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	THB 4,600.00
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	THB 5,700.00
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	THB 6,700.00
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	THB 7,550.00
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	THB 10,020.00
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	THB 5,980.00
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	THB 6,360.00
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	THB 7,830.00
RV 10.70	Vapor tube, NS 29/32	0003812200	THB 4,070.00
RV 10.74	Vapor tube, short, NS 29/32	0003971700	THB 3,510.00
RV 10.8001	Seal, PTFE, stn. steel	0003907000	THB 4,360.00
RV 10.3000	Extension plate	0003859000	THB 5,450.00

ACCESSORIES RV 3			
RV 3.1	Support pole	0025004587	THB 4,070.00
RV 3.4	Woulff bottle	0025004588	THB 5,540.00
RV 10.5005	Hose kit	0020000552	THB 4,070.00

ACCESSORIES RV 8			
RV 8.1	Support pole	0004438500	THB 4,070.00
RV 8.2	Mechanical end stop for RV 8	0025001342	THB 2,080.00
RV 8.3	Stand pole	0025004707	THB 4,480.00
RV 10.5005	Hose kit	0020000552	THB 4,070.00

ACCESSORIES VALVE RV 10 AUTO			
RV 10.5002	Filter	0003903800	THB 2,600.00
RV 10.5003	Pressure regulating valve	0003907100	THB 8,170.00

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

THB 12,580.00
Ident. No. 0003958000*



*Adapters included in delivery

IKA G-L

THB 32,850.00
Ident. No. 0030000774**



**2 ml rotor set included in delivery

Product	Ident. No.	Price
ACCESSORIES IKA MINI G		
Rotor 4 x HPLC	0020022341	THB 1,750.00

ACCESSORIES IKA G-L		
PCR Set	0030001345	THB 7,020.00
Adapter PCR tube	0030001346	THB 320.00
Adapter 0.5 ml tube	0030001347	THB 320.00
Adapter 0.4 ml tube	0030001334	THB 320.00
2 ml rotor set	0030001333	THB 8,830.00

IKA G-L, PCR Set



TECHNICAL DATA	IKA MINI G	IKA G-L
Capacity	8 x 1.5 / 2.0 ml	12 x 1.5 / 2.0 ml
Centrifugal acceleration	2000 G	16 500 G
Speed range	6000 rpm	800 – 15 700 rpm
Unbalance sensor	No	Yes
Timer	Yes	Yes
Quick stop	Yes	Yes
Cover opening	Automatic	Automatic
Program	No	Yes
RPM/RCF conversion	Manually	Automatically
Dimensions (W x H x D)	155 x 105 x 175 mm	200 x 140 x 280 mm
Weight	1.4 kg	3.9 kg

An ergonomic feel combined with uncompromising precise performance: the single channel pipettes fix and vario and multichannel pipettes multi can be used for many applications in the modern laboratory. Color coding simplifies the rapid selection of a suitable pipette. High impact, UV and chemical resistance ensures that the tip cone provides long-term reliable dosing. IKA PETTE fix, vario and multi are fully autoclavable and can be disassembled without tools, therefore ensuring easy sterilization. This guarantees fault-free, precise and safe operation.



▶ Watch
PETTE video

PETTE multi

/// Multichannel pipettes for precise results

PETTE multi: the 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
THB 15,350.00
Ident. No. 0020017943

② **PETTE multi**
8 × 10 – 100 µl
THB 15,350.00
Ident. No. 0020017944

③ **PETTE multi**
8 × 20 – 200 µl
THB 15,350.00
Ident. No. 0020017945

PETTE multi
12 Channel

④ **PETTE multi**
12 × 0.5 – 10 µl
THB 17,570.00
Ident. No. 0020017946

⑤ **PETTE multi**
12 × 10 – 100 µl
THB 17,570.00
Ident. No. 0020017947

⑥ **PETTE multi**
12 × 20 – 200 µl
THB 17,570.00
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 ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩



- ① **PETTE fix 5 µl**
THB 5,070.00
Ident. No. 0020011219

② **PETTE fix 10 µl**
THB 5,070.00
Ident. No. 0020011220

③ **PETTE fix 20 µl**
THB 5,070.00
Ident. No. 0020011221

④ **PETTE fix 25 µl**
THB 5,070.00
Ident. No. 0020011222

⑤ **PETTE fix 50 µl**
THB 5,070.00
Ident. No. 0020011223

⑥ **PETTE fix 100 µl**
THB 5,070.00
Ident. No. 0020011224

⑦ **PETTE fix 200 µl**
THB 5,070.00
Ident. No. 0020011225

⑧ **PETTE fix 250 µl**
THB 5,070.00
Ident. No. 0020011226

⑨ **PETTE fix 500 µl**
THB 5,070.00
Ident. No. 0020011227

⑩ **PETTE fix 1000 µl**
THB 5,070.00
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 ② ③ ④ ⑤ ⑥ ⑦ ⑧



- ① **PETTE vario 0.1 – 2 µl**
THB 7,630.00
Ident. No. 0020011210

② **PETTE vario 0.5 – 10 µl**
THB 7,630.00
Ident. No. 0020011211

③ **PETTE vario 2 – 20 µl**
THB 7,630.00
Ident. No. 0020011213

④ **PETTE vario 10 – 100 µl**
THB 7,630.00
Ident. No. 0020011214

⑤ **PETTE vario 20 – 200 µl**
THB 7,630.00
Ident. No. 0020011215

⑥ **PETTE vario 100 – 1000 µl**
THB 7,630.00
Ident. No. 0020011216

⑦ **PETTE vario 0.5 – 5 ml**
THB 7,630.00
Ident. No. 0020011217

⑧ **PETTE vario 1 – 10 ml**
THB 7,630.00
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

THB 19,820.00
Ident. No. 0010007638



PETTE MicroKit B

THB 19,820.00
Ident. No. 0010007639



PETTE Classic Kit

THB 22,500.00
Ident. No. 0010013011



PETTE MacroKit

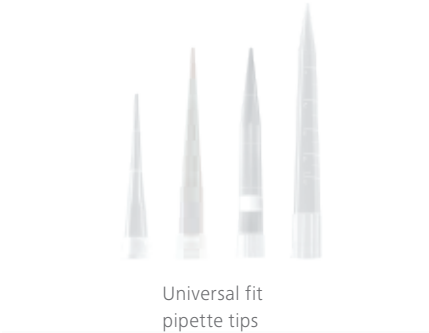
THB 20,250.00
Ident. No. 0010007641



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 µ	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	THB 2,270.00
RONDA	Carousel stand for up to 6 pipettes	0020107134	THB 3,220.00
Tip 10 µl bag	Pipette tip, 10 µl, transparent, 1000 pcs.	0020114634	THB 480.00
IKA Tip 10 µl box	Pipette tip, 10 µl, transparent, 960 pcs.	0020116857	THB 1,890.00
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	THB 6,330.00
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	THB 4,920.00
Tip 200 µl bag	Pipette tip, 200 µl, transparent, 1000 pcs.	0020114635	THB 360.00
IKA Tip 200 µl box	Pipette tip, 200 µl, transparent, 960 pcs.	0020116858	THB 1,890.00
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	THB 2,440.00
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	THB 2,810.00
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	THB 6,330.00
IKA Tip 1000 µl box	Pipette tip, 1000 µl, transparent, 600 pcs.	0020116859	THB 1,490.00
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	THB 4,920.00
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	THB 6,700.00
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	THB 3,510.00
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	THB 7,020.00
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	THB 4,220.00
PETTE.GR.1	Pipette grease, 1 g	0020017692	THB 90.00
PETTE.GR.45	Pipette grease, 45 g	0020119238	THB 2,980.00
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	THB 1,220.00
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	THB 1,220.00



SOFTWARE
Pipette Calibration Software
THB 7,210.00
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

THB 362,000.00
Ident. No. 0020113433



① EasySyn 2000 Starter Reactor System

THB 411,970.00
Ident. No. 0020113438



② EasySyn 1000 Starter Reactor System

THB 367,980.00
Ident. No. 0020113435



② EasySyn 5000 Starter Reactor System

THB 430,980.00
Ident. No. 0020113442



① EasySyn 500 Advanced Reactor System

THB 481,040.00
Ident. No. 0020113434



① EasySyn 2000 Advanced Reactor System

THB 531,010.00
Ident. No. 0020113440



② EasySyn 1000 Advanced Reactor System

THB 487,030.00
Ident. No. 0020113436

② EasySyn 5000 Advanced Reactor System

THB 550,070.00
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	THB 39,950.00
SY 500 D	Reactor vessels 500 ml with bottom discharge	0020113460	THB 68,440.00
SY 1000	Reactor vessels 1000 ml	0020113461	THB 42,300.00
SY 1000 D	Reactor vessels 1000 ml with bottom discharge	0020113462	THB 72,670.00
SY 2000	Reactor vessels 2000 ml	0020113463	THB 62,560.00
SY 2000 D	Reactor vessels 2000 ml with bottom discharge	0020113464	THB 94,020.00
SY 5000	Reactor vessels 5000 ml	0020113465	THB 71,890.00
SY 5000 D	Reactor vessels 5000 ml with bottom discharge	0020113466	THB 106,380.00
SY 100.1	Reactor lid DN 100	0020113649	THB 14,770.00
SY 100.2	Reactor lid DN 100	0020116965	THB 24,640.00
SY 150.1	Reactor lids DN 150	0020113660	THB 20,910.00
SY 150.2	Reactor lids DN 150	0020113661	THB 26,270.00
R 4011 SY	Propeller stirrer, PTFE, 400 mm	0020114111	THB 8,240.00
R 4012 SY	Propeller stirrer, PTFE, 480 mm	0020114112	THB 8,890.00
R 4013 SY	Propeller stirrer, PTFE, 530 mm	0020114113	THB 9,870.00
R 4021 SY	Anchor stirrer, PTFE, 410 mm	0020114114	THB 9,870.00
R 4022 SY	Anchor stirrer, PTFE, 530 mm	0020114115	THB 10,870.00
LT 5.40	Draining set for Reactor system	0020113266	THB 59,830.00
SY stand	Stand system	0020103316	THB 103,220.00
SY clamp 100	Vessel clamp DN 100	0020105944	THB 21,380.00
SY clamp ring 100	Clamp ring DN 100	0020113866	THB 5,040.00
SY O-ring 100	O-Ring DN 100	0020113867	THB 1,620.00
SY guide	Stirrer guide	0020109139	THB 9,870.00
SY clamp 150	Clamp ring DN 150	0020105879	THB 24,670.00
SY clamp ring 150	Clamp ring DN 150	0020113868	THB 5,890.00
SY O-ring 150	O-Ring DN 150	0020113869	THB 2,020.00
SY NS.6	Swivelling screw fitting 6 mm	0020113165	THB 4,820.00
SY NS.8	Swivelling screw fitting 8 mm	0020113164	THB 4,600.00
SY NS.12	Swivelling screw fitting 12 mm	0020113163	THB 4,600.00
LT 5.30	Tempering hose 800 mm	0020108012	THB 21,290.00
LT 5.31	Tempering hose 1200 mm	0020110278	THB 23,670.00
LT 5.32	Tempering hose 1600 mm	0020113271	THB 26,020.00
PT 100.300	Temperature sensor 300 mm	0020114304	THB 11,840.00
PT 100.500	Temperature sensor 500 mm	0020114305	THB 12,840.00
SY pH 325	pH-Electrode 325 mm	0020114414	THB 26,270.00
SY pH 425	pH-Electrode 425 mm	0020114415	THB 27,930.00
SY C1	Reflux condenser	0020113927	THB 5,100.00
SY VC	Vacuum cock NS 14/23	0001970900	THB 4,650.00
SY BDV PT 100	Bottom discharge valve with integrated temperature sensor	0020121894	THB 33,120.00
H 71.32*	Temperature sensor 320 mm	0020117772	THB 17,090.00
H 71.45*	Temperature sensor 450 mm	0020118833	THB 18,510.00
R 270.extension	Extension for R 270	0020007927	THB 2,450.00

* For connection to a EUROSTAR control overhead stirrer

LR 1000 basic System

THB 253,080.00

Ident. No. 0020119960

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



LR 1000 control System

THB 458,060.00

Ident. No. 0025001991

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

THB 508,460.00
Ident. No. 0020013291

- 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

THB 463,380.00
Ident. No. 0020013292

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



LR-2.ST
The Versatile

THB 444,220.00
Ident. No. 0020013293

- 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

THB 421,100.00
Ident. No. 0020013294

- 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
THB 556,260.00
Ident. No. 0020020603



- 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

Product	Description	Ident. No.	Price
ACCESSORIES LR 1000			
WiCo LR 1000	Wireless controller	0020007267	THB 22,200.00
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	THB 129,710.00
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	THB 161,500.00
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	THB 16,310.00
LR 1000.11	Anchor stirrer, stainless steel	0004663000	THB 9,590.00
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	THB 12,740.00
LR 1000.40	Shaft receptacle FFKM	0025001950	THB 20,590.00
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	THB 17,890.00
LR 1000.61	Temperature sensor receptacle	0004664400	THB 16,380.00
LR 1000.62	Sensor receptacle GL 14	0020010508	THB 14,000.00
LR 1000.64	pH electrode	0004663300	THB 32,630.00
LR 1000.65	pH electrode receptacle	0004663400	THB 27,640.00
LR 1000.70	Lid holder	0025003123	THB 9,260.00
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	THB 16,540.00
Holder MV 1	Holder for cooling water control valve	0020019816	THB 7,430.00

ACCESSORIES LR-2.ST

LR-2.SI	Safety stop	0003318300	THB 36,270.00
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	THB 54,480.00
LR 2000.11	Anchor stirrer, stainless steel	0002509500	THB 25,430.00
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	THB 24,970.00
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	THB 31,350.00
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	THB 140,910.00
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	THB 176,980.00
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	THB 202,840.00
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	THB 336,700.00



LR 2000.10



LR 2000.11



LR 2.1



LR 2000.1



LR 2000.2



LR 2000.3



LR 2000.4



HBR 4 control LR



LT 5.28

Product	Description	Ident. No.	Price
ACCESSORIES LR-2.ST			
LR 2000.40	Shaft receptacle	0002509200	THB 22,170.00
LR 2000.60	Sensor receptacle	0002509300	THB 19,990.00
LR 2000.64	pH process electrode	0020010075	THB 46,290.00
LR 2000.65	pH measuring sensor receptacle	0003172600	THB 32,690.00
LR-2.SP	Splinter shield	0003326400	THB 16,710.00
LT 5.23 M 16	Adapter G1/4 m - M16x1 m	0020106236	On Request
LT 5.25 200C	Lock coupling 200 °C	0020000878	THB 20,120.00
LT 5.26 200C	Lock adapter 200 °C	0020000879	THB 13,770.00
LT 5.27	Hose adapter set	0020000880	THB 20,120.00
LT 5.28	Pressure control valve	0020100227	THB 7,120.00
H 68.55	Temp. sensor, stn. steel, Ø 6 mm	0025007921	THB 10,020.00
HBR 4 control LR	Heating bath, 4 l	0010001849	THB 160,800.00
PT 1000.61	Temperature sensor, stn. steel, Ø 6 mm	0020009881	THB 10,130.00

ACCESSORIES REACTOR SYSTEM

T 25 digital LR	Disperser	0020008820	THB 84,930.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	THB 75,860.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	THB 79,650.00
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	THB 75,870.00
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	THB 71,070.00
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	THB 73,040.00



T 25 digital LR



S 25 KD - LR - 25 G



S 25 KD - LR - 25 F

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

THB 158,290.00
Ident. No. 0020019397

labworldsoft® 6 Starter Update

THB 31,710.00
Ident. No. 0020019398

labworldsoft® 6 Advanced

THB 275,790.00
Ident. No. 0020105873

labworldsoft® 6 Advanced Update

THB 55,170.00
Ident. No. 0020105874

labworldsoft® 6 Starter Upgrade

THB 202,940.00
Ident. No. 0020019399

labworldsoft® 6 Pro

THB 361,200.00
Ident. No. 0020017366

labworldsoft® 6 Pro Update

THB 72,260.00
Ident. No. 0020018014



C 6040 CalWin

THB 79,020.00
Ident. No. 0004040500

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



Expert Key 100 eco



Expert Key 100 pro



ETH SER 4



PCI 8.2

Product	Description	Ident. No.	Price
Expert Key 100 eco	Data collection system for laboratories	0020005486	THB 197,210.00
Expert Key 100 pro	Data collection system for industries	0020005485	THB 212,860.00
Multi power switch	Switchable multiple connection plug board	0020003454	THB 3,190.00
MV 1 power plug	Cooling water valve with power plug	0010001655	THB 18,980.00
RV 10 A 1	Adapter valve for Expert Key	0020004314	THB 4,360.00
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	THB 2,930.00
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	THB 3,000.00
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	THB 1,190.00
PC 1.1	Cable, L 3 m	0002616700	THB 1,430.00
PC 1.3	Cable, L 1.5 m	0025005322	THB 1,160.00
PC 1.5	Cable, L 2.5 m	0002756000	THB 1,580.00
PC 2.1	Cable, L 5 m	0002700700	THB 590.00
PC 3.1	Cable, L 3 m, 9 pins (F), 15 pins (M)	0020122152	THB 2,100.00
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	THB 5,040.00
USB A-B cable	USB A-B cable	0004220200	THB 220.00
DTM 12.10	Data cable, L 2.5 m, 9 pins (F)	0003127800	THB 12,650.00
PC 1.2	Adapter, 25 pins	0002616800	THB 2,270.00
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	THB 2,960.00
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	THB 2,270.00
PCI 8.2	Plug-in card, 25 pins	0008017500	THB 47,370.00
USB SER 4	USB-serial converter 4 ports	0020003456	THB 13,400.00
USB SER 8	USB-serial converter 8 ports	0020018480	THB 22,980.00
USB SER 16	USB-serial converter 16 ports	0020018736	THB 39,770.00
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	THB 3,380.00
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	THB 6,330.00
USB ISO	USB isolator	0020101935	THB 5,820.00
ETH SER 4	Ethernet-serial converter 4 ports	0003192000	THB 52,280.00
ETH SER 8	Ethernet-serial converter 8 ports	0020021350	THB 66,370.00
ETH SER 16	Ethernet-serial converter 16 ports	0020021351	THB 79,460.00

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. 0010002412
- C 1 Package 1/12**

Price on request

Ident. No. 0010002415
- 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. 0010002414
- C 1 Package 3/12**

Price on request

Ident. No. 0010002417



- C 200**
- Price on request
- Ident. No. 0008802500
- C 200 h**
- Price on request
- Ident. No. 0008803700
- C 200 auto**
- Price on request
- Ident. No. 0010002379
- C 200 h auto**
- Price on request
- Ident. No. 0010002387

TECHNICAL DATA	C 1	C 200 C 200 H
Maximum energy input	40 000 J / 9560 cal	40 000 J / 9560 cal
Resolution of the temperature sensor	0.0001 K	0.0001 K
Power ON-time	100 %	100 %
Oxygen operating pressure max.	40 bar	40 bar
Measuring modes / Measurements per hour	Static jacket (Regnault Pfaundler) 4	Isoperibol 3, Dynamic 6 Manual 3, Time-controlled 4
Start temperature settings	2 possible settings: 22 °C or 30 °C	18 – 25 °C
Reproducibility (1g benzoic acid NBS39i)	Static jacket (Regnault Pfaundler) 0.15 % RSD	Isoperibol 0.1 % RSD Dynamic 0.1 % RSD Manual (Isoperibol) 0.1 % RSD Time-controlled 0.1 % RSD
Number of decomposition vessels per unit	up to 2	up to 4
Dimensions (W 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. 0010004520

C 6000 global standards
Package 1/12

Price on request
Ident. No. 0010004521

C 6000 global standards
Package 2/10

Price on request
Ident. No. 0010004522

C 6000 global standards
Package 2/12

Price on request
Ident. No. 0010004523



TECHNICAL DATA	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

Price on request
Ident. No. 0008801300



C 7000 Set 1

Price on request
Ident. No. 0008800900

C 7000 Set 2

Price on request
Ident. No. 0008801400



Further package
information on
page 165

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



C 1.12



C 1.20



C 1.50



C 6010



C 6030



C 21

Product	Description	Ident. No.	Price
ACCESSORIES AND CONSUMABLES C 1			
C 1/10	Food add on Package for C 1	0010001917	On Request
C 1.20	Water heater	0004501000	On Request
C 1.10	Combustion chamber	0004500300	On Request
C 1.12	Combustion chamber, halogen resistant	0004500400	On Request
C 1.50	Dot matrix printer	0004500600	On Request
C 1.30	Venting station	0004500900	On Request
C 1.1012	Organizer	0004500700	On Request
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	On Request
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	On Request
C 1.103	Ignition wire, Kanthal, 5 pcs.	0004579300	On Request
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	On Request
ACCESSORIES AND CONSUMABLES C 6000			
C 6010	Decomposition vessel, standard	0003770000	On Request
C 6012	Decomposition vessel, halogen resistant	0004504000	On Request
C 6010 HE	Standard decomposition vessel with hastelloy electrodes	0020007660	On Request
C 6010.10	Combustion shield	0020007518	On Request
C 1.50	Dot matrix printer	0004500600	On Request
C 6030	Venting station	0004504100	On Request
C 60.1012	Organizer	0004504200	On Request
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	On Request
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	On Request
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	On Request
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	On Request
ACCESSORIES ALL CALORIMETERS			
C 27	Calorimeter preparation set	0004579700	On Request
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	On Request
C 5010.8	Crucible holder, small	0004579800	On Request
C 5010.5	Crucible holder, big	0003055900	On Request



C 200.RC



C 248



C 5010



C 5020



C 48



C 7010.8

Product	Description	Ident. No.	Price
ACCESSORIES C 200			
C 200.RC	Set of hoses	0020010835	On Request
C 248	Oxygen station	0003520000	On Request
C 200.1	Measuring cup, 2000 ml	0003548900	On Request
C 200.2	Conversion kit for C 5012	0004028800	On Request
ACCESSORIES C 200, C 2000, C 5000			
C 5010	Decomposition vessel, standard	0007114000	On Request
C 5012	Decomposition vessel, halogen resistant	0007215000	On Request
C 5010 HE	Standard decomposition vessel with hastelloy electrodes	0003955000	On Request
C 5030	Venting station	0007198000	On Request
C 5010.4	Attachment for combustible crucible C 14	0003016900	On Request
C 26	Prep stand	0008804000	On Request
ACCESSORIES C 2000, C 5000, C 6000			
C 5020	Sample rack	0007145000	On Request
ACCESSORIES C 2000, C 5000, C 7000			
C 5041.10	Connection cable	0003036000	On Request
ACCESSORIES C 1, C 2000, C 6000			
C 25	Pressure regulating valve	0003197200	On Request
ACCESSORIES C 7000			
C 7000	Measurement cell	0003008000	On Request
C 7010	Decomposition vessel, standard	0003015000	On Request
C 7012	Decomposition vessel, halogen resistant	0003017000	On Request
C 7002	Cooling system	0007011000	On Request
C 48	Oxygen station	0001560000	On Request
C 7030	Venting station	0003013300	On Request
C 7010.8	Venting handle	0007095000	On Request
C 5010.4	Attachment for combustible crucible C 14	0003016900	On Request
C 5010.5	Crucible holder, big	0003055900	On Request



C 5010.4



C 5010.5



C 710.4



C 5



C 4



C 10



C 9



C 15



C 12



C 43



C 17



AOD 1.11



C 723



C 5012.3

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

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

C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	On Request
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	On Request
C 14	Combustible crucibles, 100 pcs.	0007224500	On Request

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



AOD 1.2



AOD 1.1



C 723



Product	Description	Ident. No.	Price
ACCESSORIES AOD 1			
AOD 1.1 FZ	Decomposition vessel	0003303000	On Request
AOD 1.2	External ignition unit	0003348000	On Request
AOD 1.3	Protection device	0003308000	On Request
AOD 1.13	Remote ignition head	0003348100	On Request
C 48	Oxygen station	0001560000	On Request
C 7030	Venting station	0003013300	On Request
C 21	Pelleting press	0001605300	On Request
C 29 (DIN 477)	Pressure gauge, oxygen	0000750200	On Request
C 29 (BS341-3)	Pressure gauge, oxygen	0020101322	On Request
C 29 (NFE29-656)	Pressure gauge, oxygen	0020101828	On Request
C 5010.4	Attachment for combustible crucible C 14	0003016900	On Request

CONSUMABLES AOD 1

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

C 6040 CalWin

THB 79,020.00
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

Product	Description	Ident. No.	Price
FIXING ELEMENTS			
H 44	Boss head clamp	0002437700	THB 1,220.00
R 200	Clamp for T 10 basic and R 104	0003372000	THB 1,320.00
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	THB 3,260.00
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	THB 4,290.00
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	THB 6,920.00
R 350	Universal clamp	0001752900	THB 4,100.00
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	THB 10,580.00
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	THB 13,020.00
LABLIFT m	Manual scissor lift	0004022400	THB 10,990.00

STANDS

R 104	Stand for T 10 basic, H 370 mm	0003386000	THB 6,040.00
R 1825	Plate stand, H 560 mm	0003160000	THB 10,360.00
R 1826	Plate stand, H 800 mm	0003160100	THB 11,430.00
R 1827	Plate stand, H 1000 mm	0003160200	THB 12,180.00
R 2722	H-stand, 1010 mm	0001412000	THB 24,860.00
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	THB 46,110.00
T 653	Telescopic stand, H 1200 mm	0001608000	THB 64,930.00
R 474	Telescopic stand, H 1200 mm	0001643000	THB 64,930.00
R 472	Floor stand, H 2020 mm	0000738700	THB 137,970.00
R 2850	Floor stand, H 1900 mm	0020002900	THB 101,460.00
R 6547 H	Floor stand, hydraulic	0020018533	THB 542,200.00
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018680	THB 238,550.00



R 104



R 1825



R 2722



R 2723



R 474



R 2850



ALMEMO 2490



PT 100.23

Product	Description	Ident. No.	Price
ELECTRONIC ACCESSORIES			
IKA [scale]	Stand with weighing function	0025004318	THB 29,240.00
R 6547 E 400V	Floor stand, electrohydraulics	0020018673	THB 557,350.00
R 2850.SI	Safety stop	0020010623	On Request
ACCESSORIES ALMEMO			
ALMEMO 2490-2	Temperature measuring instrument	0004709300	THB 65,020.00
ALMEMO USB cable	USB cable	0004709400	THB 13,280.00
PT 100.23	Temp. sensor, stn. steel, Ø3 mm, length: 250 mm	0003122100	THB 10,700.00
PT 100.24	Temp. sensor, stn. steel, coated, Ø6 mm, 250 mm	0003122200	THB 10,990.00
PT 100.25	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0003122300	THB 8,830.00

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		0010011525	THB 28,300.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
BC 1000	Beaker cap	0020003417	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
RCT basic ETS-D5 Solution		0010011496	THB 41,070.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
ETS-D5	Electronic contact thermometer	0003516800	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
RCT basic Synthesis Solution 250		0010011505	THB 39,410.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
H 135.25	Flask carrier 250 ml without handle	0025003280	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
R 350	Universal clamp	0001545100	
IKAFLO 25 ellipse	Stir bar	0004494800	
RCT basic Synthesis Solution 500		0010011502	THB 39,410.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
H 135.30	Flask carrier 500 ml	0025000639	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
R 350	Universal clamp	0001545100	
IKAFLO 30 ellipse	Stir bar	0004495000	
RCT basic Synthesis Solution 1000		0010011508	THB 41,070.00
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0025005927	
H 135.40	Flask carrier 500 ml	0025000833	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
H 16 V	Support rod	0001545100	
R 350	Universal clamp	0001545100	
IKAFLO 40 ellipse	Stir bar	0004495400	



ULTRA-TURRAX® P Tube Drive control Workstation



UTTD control Pharma Solution



UTTD control Life Science Solution

Product	Description	Ident. No.	Price
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SINGLE-USE CRUSHING / IVD PACKAGES

ULTRA-TURRAX® P Tube Drive control Workstation		0025005836	THB 53,200.00
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	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	On request
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005981	
DT-20	Dispersing tube, 20 ml, 20 pcs.	0003703000	



Tube Mill control Agriculture Solution



C 7000 basic equipment set 2

Product	Description	Ident. No.	Price
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SINGLE-USE CRUSHING / IVD PACKAGES

Tube Mill control Agriculture Solution		0010013298	On request
Tube Mill control	Batch mill	0004180000	
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	
Tube Mill 100 control Pharma Solution		0010013309	On request
Tube Mill 100 control	Batch mill	0020007144	
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	

DOUBLE DRY CALORIMETER

C 7000 basic equipment set 1		0008800900	On request
C 7000	Measurement cell		
C 7010	Decomposition vessel, standard	0003015000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	

C 7000 basic equipment set 2		0008800900	On request
C 7000	Measurement cell		
C 7012	Decomposition vessel, halogen resistant	0003017000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	



C 1



C 200 auto

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 1 Package 1/10 Package			
C 1	Calorimeter	0010002412	On request
C 1.10	Combustion chamber	0020010860	
RC 2 basic	Recirculating chiller	0004500300	
C 1 Package 2/10 Package			
C 1	Calorimeter	0004171000	On request
C 1.10	Combustion chamber	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1 Package 3/10 Package			
C 1	Calorimeter	0010002414	On request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1.20	Water heater	0004501000	
C 1 Package 1/12 Package			
C 1	Calorimeter	0010002415	On request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
RC 2 basic	Recirculating chiller	0004171000	
C 1 Package 2/12 Package			
C 1	Calorimeter	0010002416	On request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1 Package 3/12 Package			
C 1	Calorimeter	0010002417	On request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1.20	Water heater	0004501000	
C 200 auto Package			
C 200	Measurement cell	0010002379	On request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	0020010835	
C 5010	Decomposition vessel	0007114000	
C 248	Oxygen filling station	0003520000	
C 200 h auto Package			
C 200	Measurement cell	0010002387	On request
C 200	Measurement cell	0003385000	
RC 2 basic	Recirculating chiller	0004171000	
C 200.RC	Set of hoses	0020010835	
C 5012	Decomposition vessel, halogen resistant	0007215000	
C 200.2	Conversion kit	0004028800	
C 248	Oxygen filling station	0003520000	



C 6000

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 6000 global standards Package 1/10			
C 6000 global standards	Measurement cell	0010004520	On request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 global standards Package 1/12			
C 6000 global standards	Measurement cell	0010004521	On request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 global standards Package 2/10			
C 6000 global standards	Measurement cell	0010004522	On request
C 6000 global standards	Measurement cell	0020005930	
C 6010	Decomposition vessel, standard	0003770000	
C 6000 global standards Package 2/12			
C 6000 global standards	Measurement cell	0010004523	On request
C 6000 global standards	Measurement cell	0020005930	
C 6012	Decomposition vessel, halogen resistant	0004504000	
C 6000 isoperibol Package 1/10			
C 6000 isoperibol	Measurement cell	0010004524	On request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 isoperibol Package 1/12			
C 6000 isoperibol	Measurement cell	0010004525	On request
C 6000 isoperibol	Measurement cell	0020005940	
C 6012	Decomposition vessel, halogen resistant	0004504000	
RC 2 basic	Recirculating chiller	0004171000	
C 6000 isoperibol Package 2/10			
C 6000 isoperibol	Measurement cell	0010004526	On request
C 6000 isoperibol	Measurement cell	0020005940	
C 6010	Decomposition vessel, standard	0003770000	
C 6000 isoperibol Package 2/12			
C 6000 isoperibol	Measurement cell	0010004527	On request
C 6000 isoperibol	Measurement cell	0004025000	
C 6012	Decomposition vessel, halogen resistant	0004504000	



RV 3 V-C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES*			
RV 3 V Package			
RV 3	Drive	0010003324	THB 88,570.00
HB eco	Heating bath	0020015793	
RV 10.1	Set of glassware, vertical	0020016337	
RV 10.70	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 3 V-C Package			
RV 3	Drive	0010003328	THB 94,420.00
HB eco	Heating bath	0020015793	
RV 10.10	Heating bath	0020016337	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Set of glassware, vertical, coated	0003812200	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 3 FLEX Package			
RV 3	Drive	0010003331	THB 83,060.00
HB eco	Heating bath	0020015793	
RV 05.10	Heating bath	0020016337	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Balljoint clamp	0003812200	
RV 10.88	Clamp, NS 29	0003683300	



RV 8 V-C

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES*			
RV 8 V Package			
RV 8	Drive	0010003482	THB 110,300.00
HB digital	Heating bath	0025002822	
RV 10.1	Heating bath	0020016334	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Set of glassware, vertical	0003812200	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 8 V-C Package			
RV 8	Drive	0010003485	THB 116,500.00
HB digital	Heating bath	0025002822	
RV 10.10	Heating bath	0020016334	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Set of glassware, vertical, coated	0003812200	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 8 FLEX Package			
RV 8	Drive	0010003488	THB 104,410.00
HB digital	Heating bath	0025002822	
RV 05.10	Heating bath	0020016334	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Balljoint clamp	0003812200	
RV 10.88	Clamp, NS 29	0003683300	



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	0003550099	
HB digital	Heating bath	0020016334	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 digital V-C Package			
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0020016334	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 digital FLEX Package			
RV 10 digital	Drive	0003550099	
HB digital	Heating bath	0020016334	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	
RV 10 auto pro V Package			
RV 10 auto	Drive	0020003919	
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020016334	
RV 10.1	Set of glassware, vertical	0003655300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 auto pro V-C Package			
RV 10 auto	Drive	0020003919	
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020016334	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10 auto pro FLEX Package			
RV 10 auto	Drive	0020003919	
VACSTAR digital	Pump with analog connection	0020016236	
HB digital	Heating bath	0020016334	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	



RV 3 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	0020003919	
VC 10 lite	Vacuum controller	0020111998	
VACSTAR digital	Pump with analog connection	0020016236	
RC 2 lite	Recirculating chiller	0025006624	
RV 10.5005	Hose kit	0020000552	
VC 10.500	Stand pole	0035002702	
RV 8 pro V Complete			
RV 8 V	Drive	0020003919	
VC 10 lite	Vacuum controller	0020111998	
VACSTAR digital	Pump with analog connection	0020016236	
RC 2 lite	Recirculating chiller	0025006624	
RV 10.5005	Hose kit	0020000552	
RV 8.3	Stand pole	0025004707	
RV 10 digital pro V Complete			
RV 10 digital	Drive	0020003919	
VC 10 lite	Vacuum controller	0020111998	
VACSTAR digital	Pump with analog connection	0020016236	
RC 2 lite	Recirculating chiller	0025006624	
RV 10.5005	Hose kit	0020000552	
VC 10.400	Stand	0035001735	
RV 10 auto pro V-C Complete			
RV 10 auto pro V-C Drive		0010007353	
VC 10 lite	Vacuum controller	0020111998	
VACSTAR digital	Pump with analog connection	0020016236	
VSE 1	Vacuum safety emission condenser	0035001873	
RC 2 lite	Recirculating chiller	0025006624	
H.SI.8	Hose set	0004569000	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.10	Set of glassware, vertical, coated	0001091500	
RV 10 digital pro V double Complete			
RV 10 digital pro V (2 Stück)	Drive	0010011964	
VC 10 pro (2 Stück)	Vacuum controller	0020111998	
VACSTAR digital	Pump with analog connection	0020016236	
VSE 1	Vacuum safety emission condenser	0035001873	
RC 2 GREEN basic	Recirculating chiller	0025004186	
RV 10.5005 (2 pcs.)	Hose kit	0020000552	
VC 10.300 (2 pcs.)	Check valve	0020011105	
Y hose connector (2 pcs.)	Y-hose connector	0020010963	



EasySyn 500 Starter Reactor system



EasySyn 2000 Starter Reactor system

Product	Description	Ident. No.	Price
SYNTHESIS REACTORS			
EasySyn 500 Starter Reactor system		0020113433	THB 362,000.00
EUROSTAR 60 digital	Overhead stirrer	00044460A0	
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	THB 367,980.00
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	THB 411,970.00
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	THB 430,980.00
Same content as EasySyn 2000 Starter, except:			
SY 5000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 5000 ml volume	0020113466	
R 4013 SY	Propeller stirrer	0020114113	



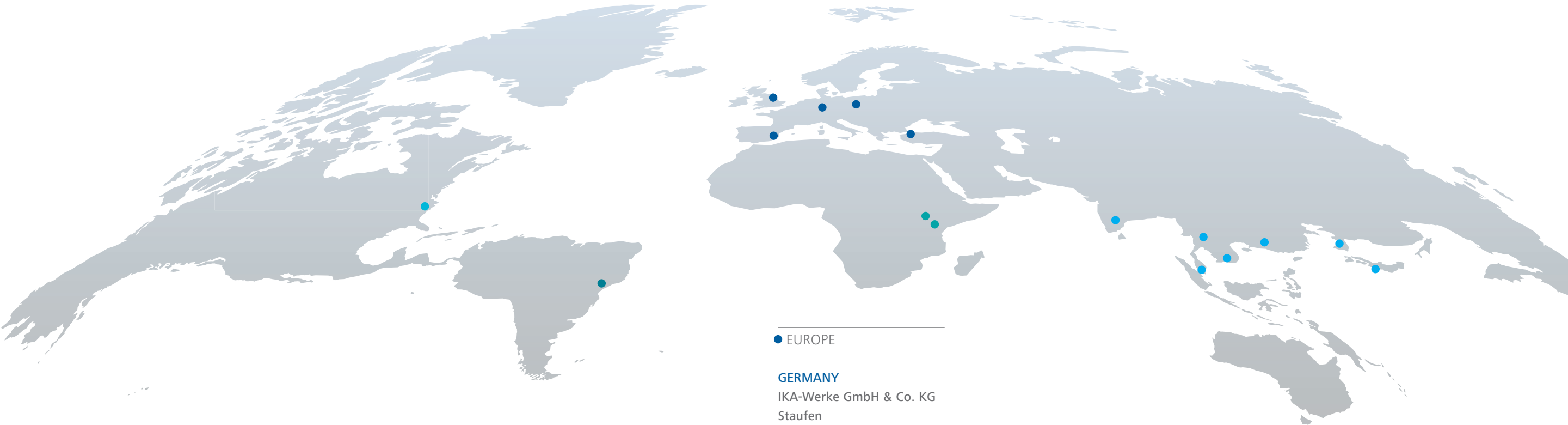
EasySyn 1000 Advanced Reactor system



EasySyn 5000 Advanced Reactor system



Product	Description	Ident. No.	Price
SYNTHESIS REACTORS			
EasySyn 500 Advanced Reactor system		0020113434	THB 481,040.00
EUROSTAR 100 control	Overhead stirrer	00040285A0	
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	THB 487,030.00
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	THB 531,010.00
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	THB 550,070.00
Same content as EasySyn 2000 Advanced, except:			
SY 5000 D Reactor vessel	Double-walled reactor vessel with bottom discharge, 5000 ml volume	0020113466	
R 4013 SY	Propeller stirrer	0020114113	



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