

IKA

designed for scientists

EN



PRODUCT OVERVIEW 2025



IKA – YOUR RELIABLE LABORATORY PARTNER

/// Elevate your lab experience

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

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

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



Stay up to date:

www.ika.com/newsletter

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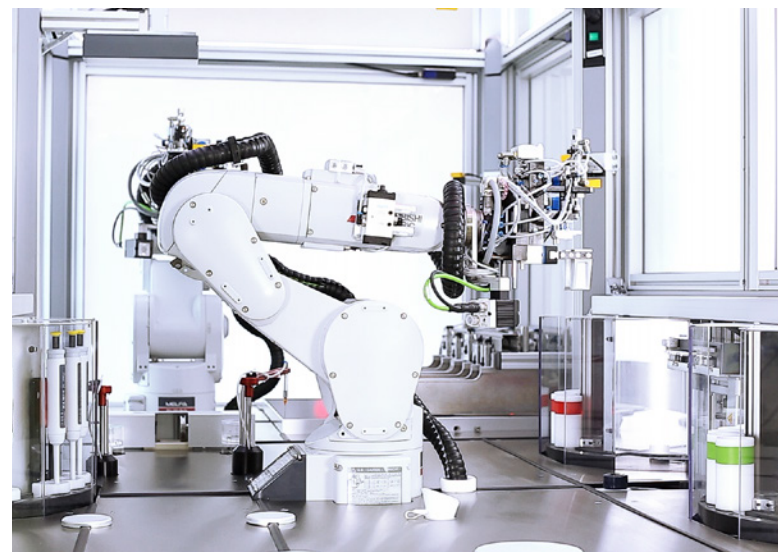
/// CALIBRATION SERVICES

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

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

Factory calibration certificates (ISO calibration)

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



General certificates (2.1, 2.2 or 3.1)

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

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



/// QUALIFICATION OF NEW DEVICES

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

Documents for qualification

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

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

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

IQ/OQ documents

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

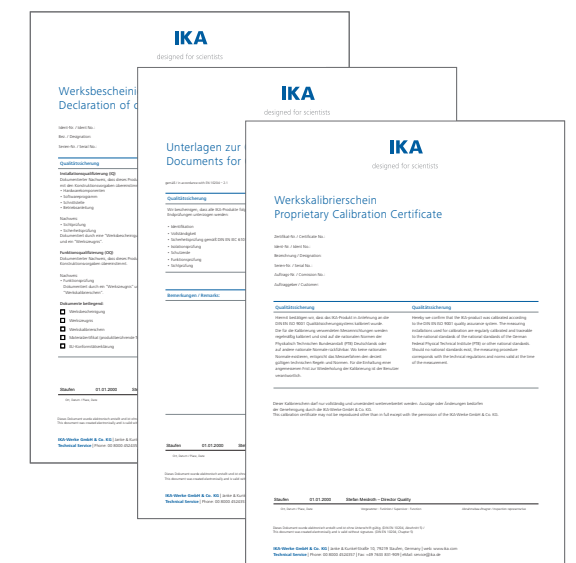
The product-specific documents are prepared individually according to your requirements. These documents consist of detailed descriptions of installation qualifications (IQ) and operation qualifications (OQ).

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



Qualification execution (IQ/OQ)

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



/// APPLICATION SUPPORT

You can test all of the laboratory equipment yourself at the IKA Application Center. Our experts will analyze your samples and work with you to decide how to optimize your application. Our Application Center shows the latest laboratory equipment over an area of 400 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.

myIKA: even more service

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

FIRST-CLASS QUALITY, LONG LIFESPAN, PERSONAL SUPPORT

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



/// WORLDWIDE SERVICE

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

Any questions? Our service team is at your personal disposal:
+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 calorimeters: a one year warranty plus an additional year following registration (1+1).

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



Virtual Reality Demo

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



Book your experience now:
www.ika.com/vr-demo



/// AWARD-WINNING LABORATORY EQUIPMENT

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



Red Dot Award 2024 for our new mini dispersers

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

Innovation in new business areas

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



Global Market Leader – also in 2025



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

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

Naturally sustainable

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



Corporate responsibility

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



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

HABITAT RESEARCH

/// The ergonomic bioreactor



Watch HABITAT video



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

LID STAND

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

CHAOTIC MIXING

In addition to the familiar stirrer control modes, HABITAT features the innovative Chaotic Mode. This mode utilizes the mathematical principles

of chaotic-dynamic systems, resulting in a more homogeneous mixture. You can also choose from three different stirrer geometries: a 6-blade disk stirrer, a 3-blade segment stirrer, and a surface stirrer.

INDIVIDUAL PID HANDLING

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

USER-FRIENDLY YET POWERFUL SOFTWARE

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

ADVANCED SENSORS

Equipped with standard state-of-the-art sensors for temperature, pH, dissolved oxygen (DO), level, and foam, our bioreactor ensures precise monitoring and control. In addition, we offer the widest selection of the latest technology sensors such as CO₂, turbidity, viable cell mass, and off-gas sensors for your individual process control needs.

CROSS-PLATFORM INTEGRATION

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

FULL SERVICE 24/7

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

HABITAT cell

Price on request
Ident. No. 0010007533

HABITAT ferment

Price on request
Ident. No. 0010007543

HABITAT cell cct

Price on request
Ident. No. 0010007573

HABITAT ferment cct

Price on request
Ident. No. 0010007585



HABITAT photo cell

Price on request
Ident. No. 0010007553

HABITAT photo ferment

Price on request
Ident. No. 0010007563

HABITAT photo cell cct

Price on request
Ident. No. 0010007595

HABITAT photo ferment cct

Price on request
Ident. No. 0010007605



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

① HABITAT cell sw 0.5

Price on request
Ident. No. 0010007644

② HABITAT cell dw 0.5

Price on request
Ident. No. 0010007645



① HABITAT cell sw 1

Price on request
Ident. No. 0010007646

② HABITAT cell dw 1

Price on request
Ident. No. 0010007647



① HABITAT cell sw 2

Price on request
Ident. No. 0010007648

② HABITAT cell dw 2

Price on request
Ident. No. 0010007649



① HABITAT cell sw 5

Price on request
Ident. No. 0010007650

② HABITAT cell dw 5

Price on request
Ident. No. 0010007651

③ HABITAT cell dw 10

Price on request
Ident. No. 0010007652



TECHNICAL DATA	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 – 80 °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 – 80 °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



Glass vessel, single-wall, for 1 l

Glass vessel, double-wall, for 5 l



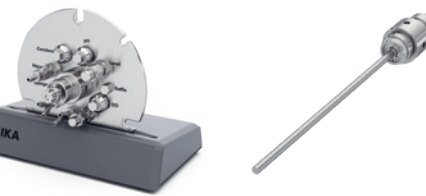
Lid stand, for 2 l

Sample flask rack



Autoclavable sample flask holder, 250 ml

Bioreactor lid, complete, for 2 l



Desktop liftable lid stand

Drive shaft, standard coupling, for 2 l

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



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

Motor, big, for 5 l and 10 l



Temperature sensor, for 10 l

Hamilton ph sensor, for 10 l



Hamilton DO analog sensor, for 1 l

Foam sensor



Fill level sensor, for 5 l

Hamilton redox sensor, for 1 l

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





Exner biomass sensor, for 1 l



3-pitched blade impellers



6-blade segment impellers



Micro sparger,
for 1 l



Ring sparger,
for 10 l



Heating blanket,
for 2 l



Harvest pipe,
for 10 l

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



Baffle, for 5 l



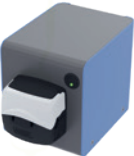
Foam breaker
4-blade, straight,
for 5 l



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



Tablet 10.x inch



External peristaltic
pump



Condenser with
flexible joint

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



RGB LED light panels

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
USD 3,999 | MYR 17,196
Ident. No. 0020008980

Ready-To-Go package



ElectraSyn 2.0 pro Package
USD 4,790 | MYR 20,597
Ident. No. 0040003261



- ElectraSyn 2.0 Package**
- Electrosynthesis basic device
 - Vial holder
 - Vial, 10 ml complete
 - 2 electrodes (graphite)
 - Stir plate attachment
 - Stir bar

- ElectraSyn 2.0 pro Package**
- Electrosynthesis basic device
 - Vial holder
 - Vial, 10 ml complete
 - 2 electrodes (graphite)
 - Stir plate attachment
 - Stir bar
 - Set of CV electrodes:
 - › CV glassy carbon
 - › CV platinum
 - › Silver reference electrode

TECHNICAL DATA	
Stirring speed range	50 – 1500 rpm
Maximum voltage output	30 V 20 V 10 V
Maximum current output	100 mA
Display	TFT
Permissible ambient temperature	5 – 50 °C
Dimensions (W × H × D)	130 × 150 × 250 mm
Protection class according to DIN EN 60529	IP 40



ELECTRASYN 2.0 APP

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



Carousel complete



GOGO Module



e-Hive



Fritte Sample Set

Product	Description	Ident. No.	Price	
ATTACHMENTS				
Carousel	Attachment for multi measurements	0020017512	USD 3,989	MYR 17,153
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	USD 5,577	MYR 23,982
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	USD 5,234	MYR 22,507
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	USD 1,177	MYR 5,062
Pro-Seal	Vial cap for gas exchange	0040007151	USD 817	MYR 3,514
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	USD 1,252	MYR 5,384
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	USD 393	MYR 1,690
ACCESSORIES PRO-DIVIDE				
Fritte Set, 1 µm	Glass frit, 2 pcs.	0020102632	USD 144	MYR 620
Fritte Set, 5 µm	Glass frit, 2 pcs.	0020102633	USD 67	MYR 289
Fritte Set, 10 µm	Glass frit, 2 pcs.	0020102634	USD 76	MYR 327
Fritte Sample Set	Kit of 1/5/10 µm glass frit, 1 pc. each	0020101403	USD 139	MYR 598
ELECTRODES FOR E-HIVE				
Copper electrode inner	Anode copper (24 pcs.)	0040007427	USD 653	MYR 2,808
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	USD 260	MYR 1,118
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	USD 519	MYR 2,232
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	USD 1,141	MYR 4,907
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	USD 901	MYR 3,875
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	USD 320	MYR 1,376



Fritte Set



Glass vial 5 ml

Glass vial complete 10 ml

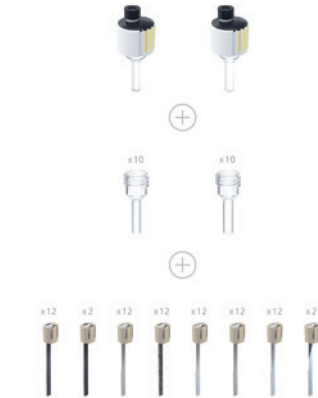


ElectraSyn 2.0 Complete Starter Kit



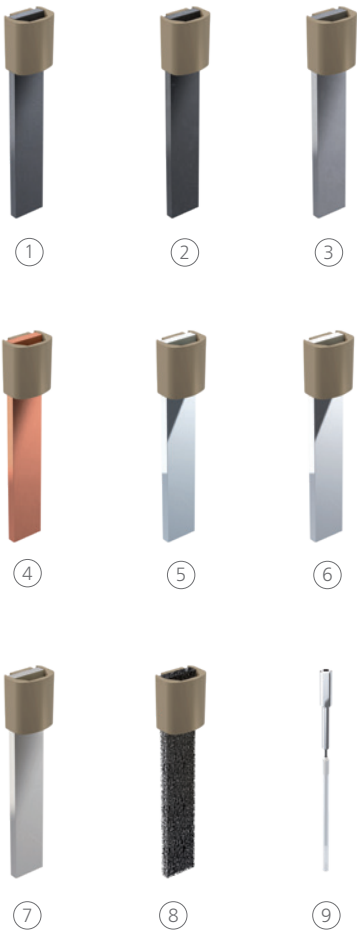
Microvial 1 ml

Microvial 2 ml

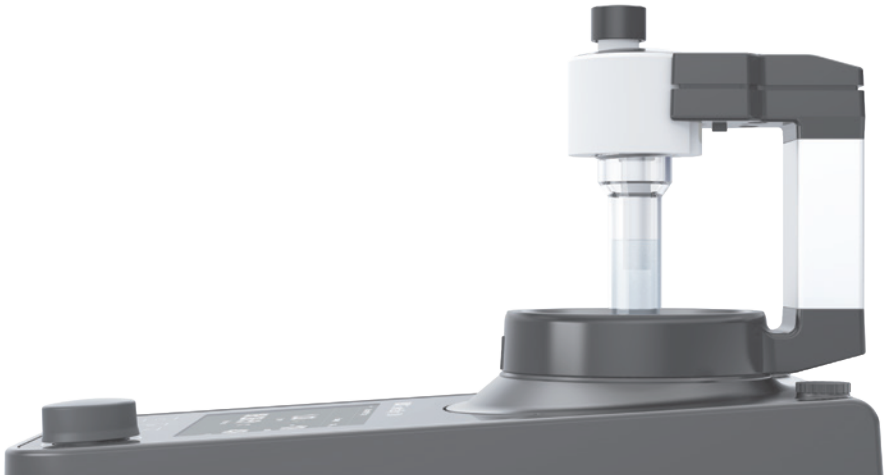


ElectraSyn 2.0 Micro Starter Kit complete

Product	Description	Ident. No.	Price	
VIALS / ELECTRODES				
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	USD 240	MYR 1,032
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	USD 223	MYR 959
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	USD 225	MYR 968
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	USD 549	MYR 2,361
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	USD 369	MYR 1,587
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	USD 399	MYR 1,716
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	USD 2,835	MYR 12,191
ElectraSyn 2.0 Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	USD 1,999	MYR 8,596
ElectraSyn 2.0 Vials only Kit	Kit of 10 × 5 ml, 10 × 10 ml, 10 × 20 ml vials	0010003811	USD 1,315	MYR 5,655
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	USD 4,592	MYR 19,746
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	USD 869	MYR 3,737
MICROVIALS / MICROELECTRODES				
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	USD 288	MYR 1,239
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	USD 288	MYR 1,239
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	USD 758	MYR 3,260
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	USD 752	MYR 3,234
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	USD 4,082	MYR 17,553
ElectraSyn 2.0 microvials only	Kit 10 × 1 ml, 10 × 2 ml vials	0040004103	USD 1,511	MYR 6,498
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	USD 2,020	MYR 8,686
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	USD 5,883	MYR 25,297



Product	Ident. No.	Price	
ELEKTRODEN			
① Electrode graphite (12 pcs.)	0040002858	USD 316	MYR 1,359
② Electrode glassy carbon (2 pcs.)	0040002842	USD 235	MYR 1,011
Electrode lead bronze (2 pcs.)	0020016076	USD 298	MYR 1,282
Electrode lead (12 pcs.)	0040002843	USD 593	MYR 2,550
Electrode tungsten (2 pcs.)	0040002845	USD 600	MYR 2,580
③ Electrode niobium (2 pcs.)	0040002846	USD 167	MYR 719
④ Electrode copper (12 pcs.)	0040002847	USD 166	MYR 714
Electrode magnesium (12 pcs.)	0040002848	USD 578	MYR 2,486
Electrode titanium (12 pcs.)	0040002849	USD 538	MYR 2,314
Electrode zinc (12 pcs.)	0040002850	USD 538	MYR 2,314
Electrode stainless steel (12 pcs.)	0040002851	USD 144	MYR 620
⑤ Electrode CV Platinum (2 pcs.)	0040002852	USD 205	MYR 882
Electrode platinum foil (2 pcs.)	0040005015	USD 1,027	MYR 4,417
Electrode platinum on ceramics (2 pcs.)	0040006753	USD 573	MYR 2,464
Electrode gold plated (2 pcs.)	0040002853	USD 542	MYR 2,331
⑥ Electrode silver plated (2 pcs.)	0040002854	USD 102	MYR 439
Electrode aluminum (12 pcs.)	0040003174	USD 339	MYR 1,458
Electrode boron doped diamond (2 pcs.)	0040002856	USD 936	MYR 4,025
Electrode tin (12 pcs.)	0040002857	USD 565	MYR 2,430
⑦ Electrode nickel (12 pcs.)	0040002859	USD 399	MYR 1,716
⑧ Electrode RVC foam (12 pcs.)	0040002860	USD 532	MYR 2,288
Electrode nickel foam (12 pcs.)	0040002861	USD 132	MYR 568
Electrode cobalt (2 pcs.)	0040003385	USD 83	MYR 357
⑨ Electrode reference (1 pc.)	0040002865	USD 225	MYR 968
Electrode CV glassy carbon (1 pc.)	0040002863	USD 207	MYR 891



Product	Ident. No.	Price	
MICROELECTRODES			
① Microelectrode aluminum (12 pcs.)	0040004029	USD 106	MYR 456
Microelectrode boron-doped diamond (2 pcs.)	0040004036	USD 1,291	MYR 5,552
② Microelectrode cobalt (2 pcs.)	0040004039	USD 222	MYR 955
③ Microelectrode copper (12 pcs.)	0040004027	USD 419	MYR 1,802
④ Microelectrode glassy carbon (2 pcs.)	0040004022	USD 283	MYR 1,217
⑤ Microelectrode gold (2 pcs.)	0040004034	USD 368	MYR 1,583
Microelectrode graphite 5K-50 (12 pcs.)	0040004021	USD 372	MYR 1,600
Microelectrode lead (12 pcs.)	0040004028	USD 1,534	MYR 6,597
⑥ Microelectrode lead bronze (12 pcs.)	0040004030	USD 397	MYR 1,708
Microelectrode magnesium (12 pcs.)	0040004025	USD 896	MYR 3,853
Microelectrode nickel (12 pcs.)	0040004023	USD 1,177	MYR 5,062
⑦ Microelectrode nickel foam (12 pcs.)	0040004101	USD 163	MYR 701
⑧ Microelectrode niobium (2 pcs.)	0040004032	USD 371	MYR 1,596
Microelectrode silver (2 pcs.)	0040004035	USD 124	MYR 534
Microelectrode stainless steel (12 pcs.)	0040004024	USD 319	MYR 1,372
⑨ Microelectrode tin (12 pcs.)	0040004037	USD 1,030	MYR 4,429
Microelectrode titanium (12 pcs.)	0040004033	USD 896	MYR 3,853
Microelectrode tungsten (2 pcs.)	0040004031	USD 167	MYR 719
Microelectrode zinc (12 pcs.)	0040004026	USD 896	MYR 3,853

Screening System Package
(8 cells)

USD 22,028 | MYR 94,721
Ident. No. 0040003642



Screening System Package
(6 cells)

USD 23,621 | MYR 101,571
Ident. No. 0040003631



TECHNICAL DATA

SCREENING SYSTEM
PACKAGE (6 | 8 CELLS)

CONTINUOUSLY ADJUSTABLE POWER SUPPLY

Voltage output	0 – 32 V (± 1 mV)
Supply voltage	115 or 230 V (50 Hz / 60 Hz)

MAGNETIC STIRRER

Speed range	0 – 1500 rpm
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REACTION CELLS

Number of cells	6 (divided cell) or 8 (undivided cell)
Cell volume of undivided cell	10.7 ml
Cell volume of divided cell (per chamber)	12.7 ml
Material	PTFE
Temperature control	Yes (RT to 100 °C)

IKA Screening System

The IKA Screening System is perfectly suited for constant current electrosynthesis in “multibatch” mode. The combination of both divided and undivided batch cells enables you to quickly carry out research on multiple electroconversions at the same time. In addition, you can combine the system with other equipment in the laboratory.

Screening System Package
(8 cells)

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

Screening System Package
(6 cells)

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



Reaction block with 6 divided cells



Reaction block with 8 undivided cells



Divided cell



LABORATORY SOFTWARE
labworldsoft® 6 Screening System

USD 1,371 | MYR 5,896
Ident. No. 0020023690

Product	Ident. No.	Price	
ACCESSORIES SCREENING SYSTEM			
Reaction block with 6 divided cells	0020015936	USD 3,385	MYR 14,556
Reaction block with 8 undivided cells	0020015943	USD 1,755	MYR 7,547
Set of reaction cells (6 divided cells)	0040003647	USD 2,892	MYR 12,436
Set of reaction cells (8 undivided cells)	0040003648	USD 1,436	MYR 6,175
SC.MF Manifold	0020110119	USD 286	MYR 1,230
SC.MF.CP.UDIV Manifold cap, for undevide	0020110375	USD 249	MYR 1,071
SC.MF.CP.DIV Manifold cap, for divided	0020110376	USD 240	MYR 1,032

ELECTRODES

Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	USD 6,436	MYR 27,675
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	USD 1,594	MYR 6,855
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	USD 274	MYR 1,179
Electrode 0.7 platinum (8 pcs.)	0040003678	USD 976	MYR 4,197
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	USD 585	MYR 2,516
Electrode 0.7 gold (8 pcs.)	0040003934	USD 619	MYR 2,662
Electrode 0.7 silver (8 pcs.)	0040003938	USD 363	MYR 1,561
Electrode 0.7 nickel foam (16 pcs.)	0040003935	USD 130	MYR 559
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	USD 1,097	MYR 4,718
Electrode 0.7 nickel (16 pcs.)	0040003671	USD 746	MYR 3,208
Electrode 0.7 stainless steel (8 pcs.)	0040003672	USD 411	MYR 1,768
Electrode 0.7 lead (16 pcs.)	0040003673	USD 812	MYR 3,492
Electrode 0.7 lead bronze (8 pcs.)	0040003674	USD 534	MYR 2,297
Electrode 0.7 copper (8 pcs.)	0040003675	USD 349	MYR 1,501
Electrode 0.7 magnesium (16 pcs.)	0040003677	USD 746	MYR 3,208
Electrode 0.7 zinc (16 pcs.)	0040003680	USD 703	MYR 3,023
Electrode 0.7 aluminium (16 pcs.)	0040003682	USD 877	MYR 3,772
Electrode 0.7 cobalt (8 pcs.)	0040003933	USD 508	MYR 2,185
Electrode 0.7 niobium (8 pcs.)	0040003936	USD 461	MYR 1,983
Electrode 0.7 tin (8 pcs.)	0040003939	USD 398	MYR 1,712
Electrode 0.7 titanium (8 pcs.)	0040003940	USD 368	MYR 1,583
Electrode 0.7 tungsten (8 pcs.)	0040003941	USD 534	MYR 2,297
Electrode 0.7 RVC (16 pcs.)	0040003937	USD 653	MYR 2,808
Electrode 0.7 Sampler Kit incl. 7 × 2 electrodes*	0040004509	USD 2,413	MYR 10,376
Electrode 0.7 Starter Kit incl. 9 × 1 electrode**	0040003646	USD 7,421	MYR 31,911

FURTHER ACCESSORIES

Electrode 0.7 power supply	0040003604	USD 6,702	MYR 28,819
SC 1.1 Cable (1 – 4)	0040003663	USD 215	MYR 925
SC 1.2 Cable (5 – 8)	0020018590	USD 215	MYR 925
SC 2.1 Crocodile clip for cable set	0040003630	USD 41	MYR 177
labworldsoft® 6 Screening System	0020023690	USD 1,371	MYR 5,896

*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

USD 7,535 | MYR 32,401

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	
ACCESSORIES IKA FLOW				
REACTOR SETS				
CDR.PP narrow	Disc reactor set, polypropylene, narrow, 2 pcs.	0020102705	USD 133	MYR 572
CDR.PP standard	Disc reactor set, polypropylene, standard, 2 pcs.	0020102637	USD 133	MYR 572
CDR.PVDF narrow	Disc reactor set, polyvinylidene difluoride, narrow, 2 pcs.	0020102706	USD 283	MYR 1,217
CDR.PVDF standard	Disc reactor set, polyvinylidene difluoride, standard, 2 pcs.	0020102638	USD 283	MYR 1,217
MIXING CHIPS				
MX.PP	Mixing chip set, polypropylene	0020103092	USD 82	MYR 353
MX.PVDF	Mixing chip set, polyvinylidene difluoride	0020103093	USD 178	MYR 766
OTHER ACCESSORIES				
Heating Block	Heating block for up to four disc reactors	0020103369	USD 301	MYR 1,295
Capillary Set	Capillary set, 4 pcs.	0020103091	USD 326	MYR 1,402



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

USD 596 | MYR 2,563
Ident. No. 0020027010



IKA TWISTER SET 3

USD 1,640 | MYR 7,052
Ident. No. 0020027389



IKA TWISTER SET 2

USD 1,117 | MYR 4,804
Ident. No. 0020027388



IKA TWISTER SET 4

USD 2,236 | MYR 9,615
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	USD 496	MYR 2,133
TW.IX	Stirring attachment, 9 positions	0020103426	USD 393	MYR 1,690
TW.VX	Shaking attachment	0020110145	USD 315	MYR 1,355
TW.IX.28	Vessel holder for jars (28 mm)	0020112966	USD 77	MYR 332
TW.IX 23	Vessel holder for jars (23 mm)	0020112965	USD 77	MYR 332
STICKMAX II	Universal adhesive mat for IKA TWISTER	0020112736	USD 55	MYR 237
TW.IX.ANTISLIP	Anti-slip mat for TW.IX	0020111461	USD 16	MYR 69

UNIVERSAL ATTACHMENTS AND BASIC HOLDERS				
MS 3.3	Universal attachment	0003426600	USD 28	MYR 121



TUBE INSERTS				
MS 3.1	Standard attachment	0003426300	USD 28	MYR 121
MS 1.21	One-hand insert	L001540	USD 41	MYR 177
MS 1.30	Attachment for 0.5 ml tubes	0025005776	USD 85	MYR 366
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	USD 89	MYR 383
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	USD 89	MYR 383
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	USD 89	MYR 383
MS 1.34	Test tube insert	L001830	USD 43	MYR 185



MICROTITER PLATE AND PCR ATTACHMENTS				
MS 3.4	Microtiter plate attachment	0003426400	USD 89	MYR 383
MS 3.5	PCR plate attachment, 96-well	0003428000	USD 89	MYR 383

STIRRING BARS, PTFE COATED, POWER				
IKAFLON 10 power ellipse	Magnetic stirring bar, ellipse, rare earth, 6 x 10 mm, 5 pcs.	0020110607	USD 33	MYR 142
IKAFLON 15 power ellipse	Magnetic stirring bar, ellipse, rare earth, 10 x 15 mm, 5 pcs.	0020110747	USD 48	MYR 207
IKAFLON 25 power ellipse	Magnetic stirring bar, ellipse, rare earth, 14 x 25 mm, 5 pcs.	0020110748	USD 65	MYR 280

POWER SUPPLY AND DATA CABLES				
TW.PWR.0	Power supply incl. device plug (≤ 2 devices)	0020121797	USD 80	MYR 344
TW.PWR.1	Power supply ≤ 4 devices	0025005565	USD 77	MYR 332
TW.PWR.2	Power supply ≤ 30 units	0020116436	USD 165	MYR 710
TW.CABLE	Extension cable 0.5 m	0020025856	USD 38	MYR 164



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



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

USD 1,276 | MYR 5,487
Ident. No. 0025005927



IKA Plate (RCT digital)

USD 1,490 | MYR 6,407
Ident. No. 0025004601



RCT basic ready-to-go Solution

USD 1,314 | MYR 5,651
Ident. No. 0010011525

RCT basic ETS-D5 Solution

USD 1,719 | MYR 7,392
Ident. No. 0010011496

RCT basic Synthesis Solution 250

USD 1,650 | MYR 7,095
Ident. No. 0010011505

RCT basic Synthesis Solution 500

USD 1,650 | MYR 7,095
Ident. No. 0010011502

RCT basic Synthesis Solution 1000

USD 1,719 | MYR 7,392
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
USD 1,598 | MYR 6,872
Ident. No. 0020002704

850 W
Power

C-MAG HS 7 control
USD 1,598 | MYR 6,872
Ident. No. 0020002694



① **C-MAG HS 4 digital**
USD 1,090 | MYR 4,687
Ident. No. 0004240200

② **C-MAG HS 7 digital**
USD 1,235 | MYR 5,311
Ident. No. 0003487000

③ **C-MAG HS 10 digital**
USD 1,528 | MYR 6,571
Ident. No. 0004240400



① **C-MAG HS 4**
USD 762 | MYR 3,277
Ident. No. 0003581000

② **C-MAG HS 7**
USD 758 | MYR 3,260
Ident. No. 0003581200

③ **C-MAG HS 10**
USD 1,314 | MYR 5,651
Ident. No. 0003581400



C-MAG HS 7 Package USD 1,108
| MYR 4,765
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
USD 1,932 | MYR 8,308
Ident. No. 0003622000



① **RH basic**
USD 880 | MYR 3,784
Ident. No. 0005019700

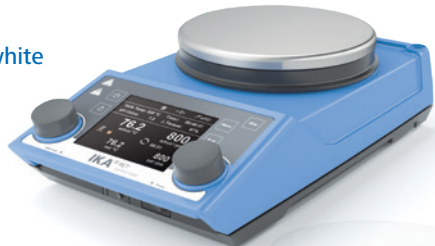
② **RH basic white**
USD 947 | MYR 4,073
Ident. No. 0005029700

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



① **RET control-visc**
USD 2,518 | MYR 10,828
Ident. No. 0005020000

② **RET control-visc white**
USD 2,599
| MYR 11,176
Ident. No. 0005030000



① **RH digital**
USD 1,097 | MYR 4,718
Ident. No. 0005019800

② **RH digital white**
USD 1,194 | MYR 5,135
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**
USD 1,943 | MYR 8,355
Ident. No. 0003690500

② **RO 10**
USD 2,451 | MYR 10,540
Ident. No. 0003691000

③ **RO 15**
USD 3,529 | MYR 15,175
Ident. No. 0003692500

Adjustable reverse operation



① **RT 5**
USD 3,475 | MYR 14,943
Ident. No. 0003690600

② **RT 10**
USD 4,607 | MYR 19,811
Ident. No. 0003691100

③ **RT 15**
USD 5,635 | MYR 24,231
Ident. No. 0003692600

Multi-position hotplate stirrer, for synchronous heating and stirring



/// INDUSTRIAL MAGNETIC STIRRER

① **Midi MR 1 digital**
USD 3,692 | MYR 15,876
Ident. No. 0025002968

② **Maxi MR 1 digital**
USD 4,870 | MYR 20,941
Ident. No. 0025002978

①



I-MAG
Industrial magnetic stirrer
USD 5,412 | MYR 23,272
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**
USD 184 | MYR 792
Ident. No. 0003368000

② **topolino mobil**
USD 454 | MYR 1,953
Ident. No. 0003381300

③ **Mini MR standard**
USD 392 | MYR 1,686
Ident. No. 0025004132



KMO 3 basic
USD 1,032 | MYR 4,439
Ident. No. 0020004631





Illuminated, flat stirring plate

IKA myPlate
USD 449 | MYR 1,931
Ident. No. 0025005156



Design the set-up plate yourself

① **lab disc white**
USD 339 | MYR 1,458
Ident. No. 0003907500

② **color squid white**
USD 449 | MYR 1,931
Ident. No. 0003671000

③ **big squid white**
USD 449 | MYR 1,931
Ident. No. 0003672000



① **C-MAG MS 4**
USD 666 | MYR 2,864
Ident. No. 0003582200

② **C-MAG MS 7**
USD 892 | MYR 3,836
Ident. No. 0003582400

③ **C-MAG MS 10**
USD 1,282 | MYR 5,513
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	
TEMPERATURE SENSORS			
Stainless steel			
PT 1000.60	0003516800	USD 215	MYR 925
PT 1000.80	0004443000	USD 228	MYR 981
PT 100.70	0020000440	USD 208	MYR 895
Glass-coated			
PT 1000.70	0003736000	USD 237	MYR 1,020
PT 100.51	0002600300	USD 472	MYR 2,030
SafeCoat (PFA, PTFE)			
PT 1000.90	0004480600	USD 291	MYR 1,252
PT 100.53	0004499700	USD 482	MYR 2,073
Dual			
PT 1000.50	0003367600	USD 472	MYR 2,030
PT 1000.51	0003377700	USD 547	MYR 2,353

ELECTRONIC CONTACT THERMOMETERS			
ETS-D5	0003378000	USD 475	MYR 2,043
ETS-D6	0003378100	USD 915	MYR 3,935

SENSORS FOR ETS-D5 / ETS-D6			
H 62.51	0002735451	USD 158	MYR 680
H 66.51, glass coated	0002735551	USD 457	MYR 1,966
H 66.53, coated	0004499900	USD 366	MYR 1,574
H 70, extension cable	0002735600	USD 317	MYR 1,364



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



–	+	+	+	+	–	+	+
–	+	+	+	+	–	+	+

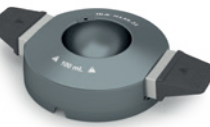
+ Compatible | – Not compatible | • Included in delivery



Square carrier with handle:
H 135.11



H 135.104



Flask carrier with handle:
H 135.21



Flask carrier without
handle: H 135.25



Inlay: H 135.301



Inlay: H 135.401



Inlay: H 135.501

Product	Hole Ø	Dimensions	Ident. No	Price	
DRY HEATING BLOCK SQUARE SERIES					
H 135.10 Square carrier without handle	–	160 × 160 mm	0025000832	USD 237	MYR 1,020
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	USD 422	MYR 1,815
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	USD 114	MYR 491
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	USD 114	MYR 491
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	USD 114	MYR 491
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	USD 109	MYR 469
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	USD 114	MYR 491
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	USD 114	MYR 491
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	USD 111	MYR 478
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	USD 114	MYR 491

Product	Max. outer Ø	Inner Ø	Ident. No	Price	
100 ML FLASK HEATING BLOCK SERIES					
H 135.20 Flask carrier 100 ml without handle	142 mm	–	0025000634	USD 202	MYR 869
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	USD 385	MYR 1,656
H 135.201 Flask inlay 10 ml	–	33.8 mm	0025000636	USD 69	MYR 297
H 135.202 Flask inlay 25 ml	–	43.8 mm	0025000637	USD 69	MYR 297
H 135.203 Flask inlay 50 ml	–	52.8 mm	0025000638	USD 70	MYR 301

250 ML FLASK HEATING BLOCK SERIES					
H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	USD 257	MYR 1,106
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	USD 440	MYR 1,892

500 ML FLASK HEATING BLOCK SERIES					
H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	USD 276	MYR 1,187
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	USD 457	MYR 1,966
H 135.301 Flask inlay 100 ml	–	66.3 mm	0025000641	USD 114	MYR 491
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	USD 114	MYR 491

1000 ML FLASK HEATING BLOCK SERIES					
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	–	0025000833	USD 345	MYR 1,484
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	–	0004448500	USD 530	MYR 2,279
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	USD 202	MYR 869

2000 ML FLASK HEATING BLOCK SERIES					
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	–	0025000834	USD 475	MYR 2,043
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	–	0004448600	USD 657	MYR 2,826
H 135.501 Flask inlay 1000 ml	–	131.8 mm	0025000645	USD 292	MYR 1,256

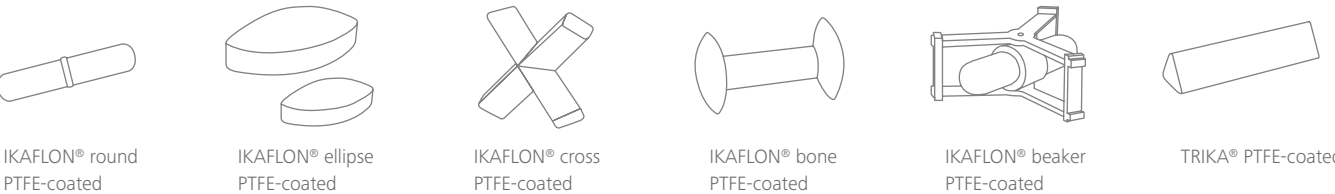
Product	Dimensions	Ident. No	Price		Product	Dimensions	Ident. No	Price	
IKAFLON® ROUND PTFE-COATED					IKAFLON® CROSS PTFE-COATED				
10 round (5 pcs.)	10 × 6 mm	0004488600	USD 14	MYR 60.5	10 cross (5 pcs.)	10 × 10 mm	0004496200	USD 24	MYR 104
15 round (5 pcs.)	15 × 6 mm	0004488700	USD 16	MYR 69	20 cross (5 pcs.)	20 × 20 mm	0004496400	USD 34	MYR 147
20 round (5 pcs.)	20 × 8 mm	0004488800	USD 19	MYR 82	25 cross (5 pcs.)	25 × 25 mm	0004496600	USD 39	MYR 168
25 round (5 pcs.)	25 × 8 mm	0004488900	USD 23	MYR 99	30 cross (5 pcs.)	30 × 30 mm	0004496800	USD 49	MYR 211
30 round (5 pcs.)	30 × 8 mm	0004489000	USD 23	MYR 99	38 cross (5 pcs.)	38 × 38 mm	0004497000	USD 61	MYR 263
40 round (5 pcs.)	40 × 8 mm	0004489100	USD 24	MYR 104					
50 round (5 pcs.)	50 × 8 mm	0004489200	USD 26	MYR 112					
80 round (5 pcs.)	80 × 10 mm	0004489300	USD 67	MYR 289					
110 round (1 pc.)	108 × 27 mm	0000793300	USD 160	MYR 688					
155 round (1 pc.)	153 × 27 mm	0001129000	USD 180	MYR 774					

IKAFLON® ROUND GLASS-COATED					IKAFLON® BEAKER PTFE-COATED				
25 round (5 pcs.)	25 × 6 mm	0004492200	USD 45	MYR 194	74 (1 pc.)	(Ø × H): 74 × 29 mm	0004497800	USD 506	MYR 2,176
40 round (5 pcs.)	40 × 8 mm	0004492600	USD 45	MYR 194		with 60 × 9			
50 round (5 pcs.)	50 × 8 mm	0004492800	USD 48	MYR 207					

IKAFLON® SLIDE ROUND					IKAFLON® CROWN PTFE-COATED				
25 slide (5 pcs.)	25 × 6 mm	0004493800	USD 19	MYR 82	9 crown (5 pcs.)	9 × 6 mm	0004498400	USD 21	MYR 90.5
30 slide (5 pcs.)	30 × 6 mm	0004494000	USD 19	MYR 82					
40 slide (5 pcs.)	40 × 8 mm	0004494200	USD 37	MYR 160					
50 slide (5 pcs.)	50 × 8 mm	0004494400	USD 41	MYR 177					

IKAFLON® POWER					SET OF MAGNETIC STIRRING BARS				
20 power (5 pcs.)	20 × 6 mm	0004493000	USD 45	MYR 194	RS 1		0001358600	USD 186	MYR 800
30 power (5 pcs.)	30 × 6 mm	0004493200	USD 67	MYR 289	RS 2		0004499100	USD 212	MYR 912
50 power (5 pcs.)	50 × 8 mm	0004493400	USD 80	MYR 344					

IKAFLON® ELLIPSE PTFE-COATED					STIRRING BAR REMOVER				
20 ellipse (5 pcs.)	20 × 10 mm	0004494600	USD 30	MYR 129	RSE	Stirring bar remover	0001293100	USD 121	MYR 521
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	USD 34	MYR 147					
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	USD 45	MYR 194					
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	USD 56	MYR 241					
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	USD 71	MYR 306					
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	USD 99	MYR 426					
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	USD 171	MYR 736					





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	USD 644	MYR 2,770
COVERS				
H 102	Cover for RH basic	0004281600	USD 30	MYR 129
H 103	Cover for RH digital	0004299100	USD 30	MYR 129
H 100	Cover for RET basic	0003661000	USD 30	MYR 129
H 104	Cover for RET control-visc	0004209500	USD 30	MYR 129
H 105	Cover for RCT basic and digital	0025008136	USD 30	MYR 129
MAINS CABLES				
H 11	Mains cable Euro plug	0001091500	USD 42	MYR 181
H 11	Mains cable USA plug	0003564500	On request	On request
H 11	Mains cable UK plug	0002410700	On request	On request
H 11	Mains cable CH plug	0001091600	On request	On request
H 11	Mains cable IN plug	0003923600	On request	On request
PLASTIC BATH FOR MAGNETIC STIRRER RO 15				
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	USD 1,151	MYR 4,950
LABLIFT				
LABLIFT m	Up to 25 kg (max. static load)	0004022400	USD 481	MYR 2,069
IKA PLATE ADAPTER				
IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	USD 285	MYR 1,226
BEAKER CAP				
BC 1000	Beaker cap	0020003417	USD 28	MYR 121

LABORATORY SOFTWARE
labworldsoft® 6 Starter
USD 6,855 | MYR 29,477
Ident. No. 0020019397

labworldsoft® 6 Pro
USD 15,647 | MYR 67,283
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	USD 363	MYR 1,561
H 30	Oil bath attachment, 1.5 l	0002829500	USD 401	MYR 1,725
BEAKERS, STAINLESS STEEL				
H 1000	Beaker, stainless steel, 1 l	0004444401	USD 457	MYR 1,966
H 1500	Beaker, stainless steel, 1.5 l	0004444501	USD 519	MYR 2,232
H 3000	Beaker, stainless steel, 3 l	0004444503	USD 602	MYR 2,589
H 5000	Beaker, stainless steel, 5 l	0004444505	USD 665	MYR 2,860
HEATING JACKETS				
HG 600	Heating jacket for beaker 600 ml	0020003416	USD 180	MYR 774
HG 1000	Heating jacket for beaker 1000 ml	0020003415	USD 214	MYR 921
HOLDERS				
H 16 V	Support rod	0001545100	USD 77	MYR 332
H 16.3	Extension for support rod	0025000622	USD 30	MYR 129
H 44	Boss head clamp	0002437700	USD 46	MYR 198
H 38	Holding rod	0003547700	USD 47	MYR 203
ACCESSORIES FOR I-MAG				
IKAFLOX 90 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 90 x 30 mm, 1 pc.	0020102963	USD 140	MYR 602
IKAFLOX 140 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 140 x 30 mm, 1 pc.	0020110382	USD 278	MYR 1,196
IKAFLOX 118 float	Magnetic stirring drive, PPS round, Ø 118 mm, 1 pc.	0020100638	USD 648	MYR 2,787
RSE XL	Stirring bar remover for I-MAG	0020100641	USD 541	MYR 2,327
I-MAG SP 150	Platform extension for I-MAG, for barrels up to 150 liters	0020102994	USD 618	MYR 2,658
I-MAG SP 300	Platform extension for I-MAG, for barrels up to 300 liters	0020102996	USD 927	MYR 3,987
I-MAG cart	Transport trolley and platform for I-MAG, for barrels up to 300 liters	0025008091	USD 2,010	MYR 8,643
I-MAG BR	Bracket for stand rod I-MAG	0020110383	USD 76	MYR 327
I-MAG UHC	Universal holder for I-MAG controller	0020110381	USD 311	MYR 1,338
I-MAG EXT 3	Extension cable for I-MAG, 3 m	0020115558	USD 345	MYR 1,484
H 28 V	Support rod for I-MAG	0020119439	USD 254	MYR 1,093

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**
USD 1,311 | MYR 5,638
Ident. No. 0025004356
- MICROSTAR 7.5 digital**
USD 1,421 | MYR 6,111
Ident. No. 0025004715
- MICROSTAR 7.5 control**
USD 1,860 | MYR 7,998
Ident. No. 0025001984



- MICROSTAR 15 digital**
USD 1,528 | MYR 6,571
Ident. No. 0025004883
- MICROSTAR 15 control**
USD 1,961 | MYR 8,433
Ident. No. 0025001986
- MICROSTAR 30 digital**
USD 1,598 | MYR 6,872
Ident. No. 0025004884
- MICROSTAR 30 control**
USD 2,029 | MYR 8,725
Ident. No. 0025001987



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

/// COMPACT OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

MINISTAR 20 digital

USD 1,528 | MYR 6,571

Ident. No. 0025004885

MINISTAR 20 control

USD 1,961 | MYR 8,433

Ident. No. 0025001988

MINISTAR 40 digital

USD 1,705 | MYR 7,332

Ident. No. 0025004886

MINISTAR 40 control

USD 2,131 | MYR 9,164

Ident. No. 0025001989

MINISTAR 80 digital

USD 1,884 | MYR 8,102

Ident. No. 0025004887

MINISTAR 80 control

USD 2,299 | MYR 9,886

Ident. No. 0025001990

Vibration sensor included

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

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OVERHEAD STIRRERS | EUROSTARS

/// OVERHEAD STIRRERS FOR LIGHT STIRRING TASKS

EUROSTAR 20 digital

USD 1,610 | MYR 6,923

Ident. No. 0004442000

EUROSTAR 40 digital

USD 1,833 | MYR 7,882

Ident. No. 0004444000

EUROSTAR 60 digital

USD 2,268 | MYR 9,753

Ident. No. 0004446000

EUROSTAR 60 control

USD 3,219 | MYR 13,842

Ident. No. 0004440000

Quiet operation with
brushless DC motor

/// POWERFUL OVERHEAD STIRRERS FOR UNIVERSAL STIRRING TASKS

EUROSTAR 100 digital

USD 3,140 | MYR 13,502

Ident. No. 0004238100

EUROSTAR 100 control

USD 3,801 | MYR 16,345

Ident. No. 0004028500

EUROSTAR 200 digital

USD 4,427 | MYR 19,037

Ident. No. 0003990000

EUROSTAR 200 control

USD 4,996 | MYR 21,483

Ident. No. 0003992000

Left-right interval
rotation

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

/// PILOT SCALE OVERHEAD STIRRERS

EUROSTAR 400 digital
USD 5,596 | MYR 24,063
Ident. No. 0004214000

EUROSTAR 400 control
USD 6,466 | MYR 27,804
Ident. No. 0004214100



/// HIGH SPEED OVERHEAD STIRRERS

EUROSTAR 20 high speed digital
USD 2,724 | MYR 11,714
Ident. No. 0004028600

EUROSTAR 20 high speed control
USD 4,620 | MYR 19,866
Ident. No. 0025001314



/// ULTRA HIGH TORQUE OVERHEAD STIRRERS

EUROSTAR 100 P4 control
USD 5,498 | MYR 23,642
Ident. No. 0025004384



EUROSTAR 200 P4 control
USD 6,768 | MYR 29,103
Ident. No. 0004090000

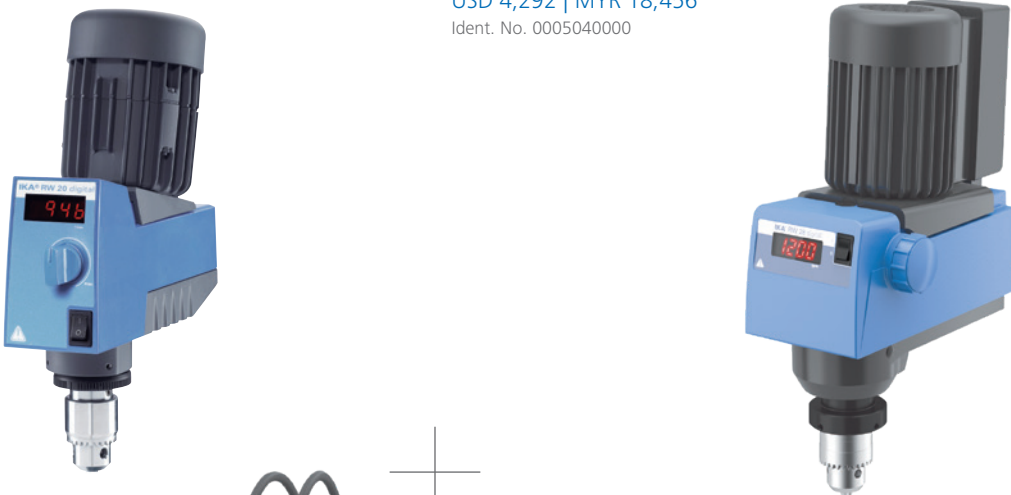


TECHNICAL DATA	EUROSTAR 400 DIGITAL CONTROL	EUROSTAR 20 HIGH SPEED DIGITAL CONTROL	EUROSTAR 100 P4 CONTROL	EUROSTAR 200 P4 CONTROL
Stirring quantity max. (H ₂ O)	150 l	20 l	100 l	100 l
Speed range	I: 6 – 400 rpm II: 30 – 2000 rpm	0 / 150 – 6000 rpm	10 – 300 rpm	I: 0 / 4 – 108 rpm II: 16 – 530 rpm
Viscosity 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
USD 924 | MYR 3,974
Ident. No. 0003593000

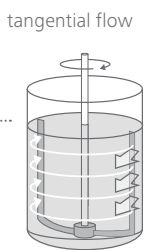
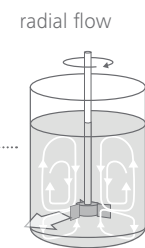
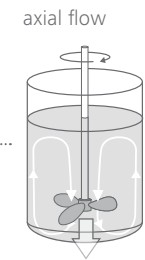
RW 28 digital
USD 4,292 | MYR 18,456
Ident. No. 0005040000



/// PILOT SCALE OVERHEAD STIRRER



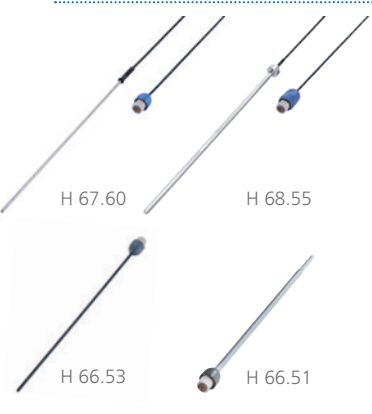
TECHNICAL DATA	RW 20 DIGITAL	RW 28 DIGITAL	RW 47 DIGITAL
Stirring quantity max. (H ₂ O)	20 l	80 l	200 l
Speed range	I: 60 – 500 rpm II: 240 – 2000 rpm	I: 60 – 400 rpm II: 240 – 1400 rpm	I: 57 – 275 rpm II: 275 – 1300 rpm
Viscosity max.	10 000 mPas	50 000 mPas	100 000 mPas
Torque max. at stirring shaft	I: 150 Ncm II: 24 Ncm	I: 900 Ncm II: 300 Ncm	I: 3000 Ncm II: 620 Ncm
Chuck range diameter	0.5 – 10 mm	1 – 10 mm	3 – 16 mm
Display	LED	LED	LED
Dimensions (W × H × D)	88 × 294 × 212 mm	123 × 364 × 252 mm	145 × 465 × 358 mm
Protection class according to DIN EN 60529	IP 20	IP 40	IP 54



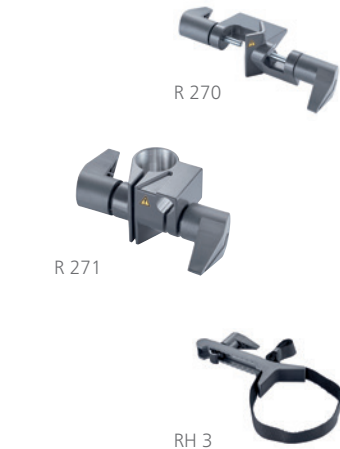
* (PTFE-coated)

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

++ IKA recommended | + Installable | – Not compatible



IKA [scale]



R 271

RH 3

				NANOSTAR digital	MICRO- STARS digital control	MINISTARS digital control
Product	Ident. No.	Price				
TEMPERATURE SENSORS						
H 67.60 stainless steel	0025006664	USD 207	MYR 891	–	control	control
H 67.61 stainless steel	0025007920	USD 399	MYR 1,716	–	control	control
H 68.55 stainless steel	0025007921	USD 426	MYR 1,832	–	control	control
H 70 extension cable	0002735600	USD 317	MYR 1,364	–	control	control
SENSORS IN COMBINATION WITH H 70						
H 62.51 stainless steel	0002735451	USD 158	MYR 680	–	control	control
H 66.51 glass-coated	0002735551	USD 457	MYR 1,966	–	control	control
H 66.53 coated	0004499900	USD 366	MYR 1,574	–	control	control
STANDS						
Plate stands						
IKA [scale]	0025004318	USD 1,279	MYR 5,500	++	++	++
R 1825	0003160000	USD 394	MYR 1,695	++	++	++
R 1826	0003160100	USD 262	MYR 1,127	++	++	++
R 1827	0003160200	USD 459	MYR 1,974	++	++	++
H-stand						
R 2722	0001412000	USD 1,290	MYR 5,547	–	++	++
Telescopic stands						
R 2723	0001412100	USD 1,193	MYR 5,130	–	++	++
R 474	0001643000	USD 2,841	MYR 12,217	–	–	–
Floor stands						
R 472	0000738700	USD 6,038	MYR 25,964	–	–	–
R 2850	0020002900	USD 4,440	MYR 19,092	–	–	–
R 6547 H	0020018533	USD 14,356	MYR 61,731	–	–	–
R 6547 E 400V	0020018673	USD 21,485	MYR 92,386	–	–	–

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	–	–	–
++	+	–	–	–	–	–	++	–	–
++	+	+	–	–	–	–	++	–	–
++	+	+	–	–	–	–	++	–	–
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++	++	++	++	++	++	++	++	++	–
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–	–	–	–	–	–	–	–	–	++

++ IKA recommended | + Installable | – Not compatible

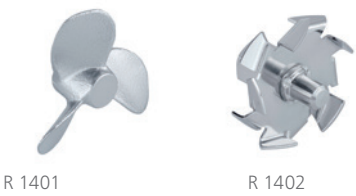


R 1825

IKA [scale]

R 2723

R 6547 H



Product	Description	Ident. No.	Price	
ACCESSORIES EUROSTAR 20 HIGH SPEED DIGITAL AND CONTROL				
R 1401	Propeller, Ø 55 mm	0001242900	USD 534	MYR 2,297
R 1405	Propeller, Ø 45 mm	0001289800	USD 458	MYR 1,970
R 1402	Dissolver, Ø 42 mm	0001243300	USD 518	MYR 2,228
ACCESSORIES FOR PROTECTION AND SAFETY				
R 301	Stirring shaft protection	0002603000	USD 428	MYR 1,841
R 301.1	Support holder for R 301	0002604000	USD 339	MYR 1,458
R 303	Stirring shaft protection	0030000257	USD 677	MYR 2,912
SI 400	Safety switch	0003294800	USD 1,493	MYR 6,420
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	USD 1,402	MYR 6,029
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	USD 640	MYR 2,752
FURTHER ACCESSORIES				
WH 11	Wall mount for WiCo	0025001500	USD 47	MYR 203
FK 1	Flexible coupling	0002336000	USD 591	MYR 2,542
R 60	Keyless chuck	0003889500	USD 190	MYR 818
R 60.1	Keyless chuck	0025007821	USD 126	MYR 542

LABORATORY SOFTWARE
labworldsoft® 6 Starter
USD 6,855 | MYR 29,477
Ident. No. 0020019397

labworldsoft® 6 Advanced
USD 11,586 | MYR 49,820
Ident. No. 0020105873

labworldsoft® 6 Pro
USD 15,647 | MYR 67,283
Ident. No. 0020017366

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



SAFETY FIRST

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

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

MATRIX ORBITAL DELTA PLUS

/// The thermoshaker with cooling feature

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



Watch MATRIX video

SIMPLY USER-FRIENDLY

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

ACCESSORIES FOR LIFE SCIENCE APPLICATIONS

All of the equipment in the IKA MATRIX range can be combined with the most varied of micro-titration plates, deep well plates, reaction vessels, PCR strips, Greiner tubes, micro-plates and cuvettes.

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

AWARD-WINNING DESIGN

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

MATRIX Orbital

USD 2,324 | MYR 9,994
Ident. No. 0030000627



① **MATRIX Orbital Δ FP**
USD 3,144 | MYR 13,520
Ident. No. 0030000751

② **MATRIX Orbital Δ F0.5**
USD 3,144 | MYR 13,520
Ident. No. 0030000747

③ **MATRIX Orbital Δ F1.5**
USD 3,144 | MYR 13,520
Ident. No. 0030000750

④ **MATRIX Orbital Δ F2.0**
USD 3,144 | MYR 13,520
Ident. No. 0030000753

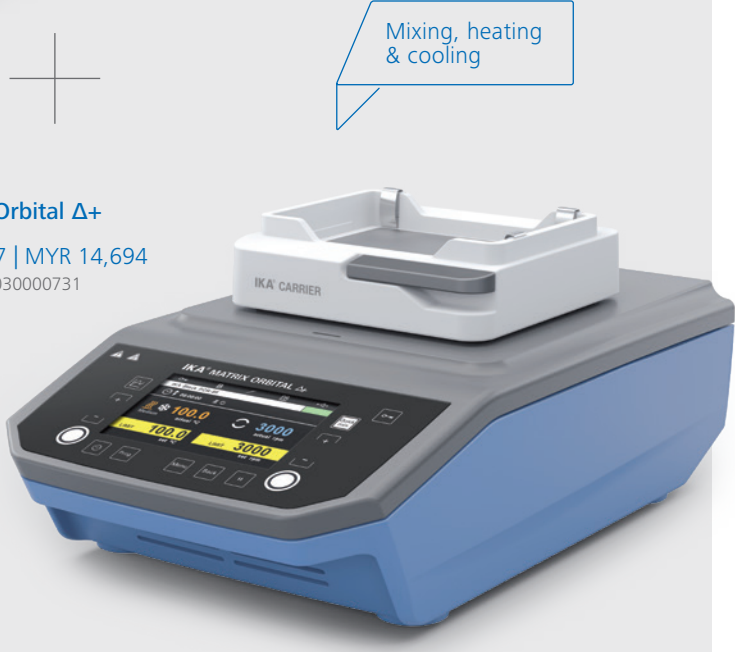


TECHNICAL DATA	MATRIX ORBITAL	MATRIX ORBITAL Δ FP F0.5 F1.5 F2.0
Type of movement	Orbital	Orbital
Speed range	300 – 3000 rpm	FP F0.5: 300 – 2000 rpm F1.5 F2.0: 300 – 1500 rpm
Shaking stroke	3 mm	3 mm
Heating range	–	RT + 4 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg
Operating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

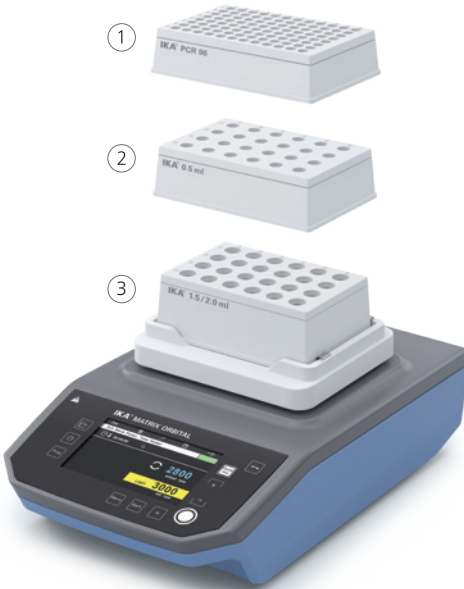
MATRIX Δ+
USD 2,440 | MYR 10,492
Ident. No. 0030000717



MATRIX Orbital Δ+
USD 3,417 | MYR 14,694
Ident. No. 0030000731



TECHNICAL DATA	MATRIX Δ+	MATRIX ORBITAL Δ+
Type of movement	—	Orbital
Speed range	—	300 – 3000 rpm
Shaking stroke	—	3 mm
Heating range	RT -30 °C – 110 °C	RT -15 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation
Dimensions (W × 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	USD 172MYR 740
(B)	MX thermocover	Cover, heatable	0030001244	USD 868MYR 3,733
(C)	MX 50.0 ml	Attachment for vials, 4 × 50 ml vials	0030000863	USD 868MYR 3,733
(D)	MX 15.0 ml	Attachment for vials, 8 × 15 ml vials	0030000821	USD 868MYR 3,733
(E)	MX 5.0 ml	Attachment for vials, 8 × 5 ml vials	0030000859	USD 868MYR 3,733
(F)	MX 2.0 ml	Attachment for vials, 24 × 2.0 ml vials	0030000834	USD 868MYR 3,733
(G)	MX 1.5 ml	Attachment for vials, 24 × 1.5 ml vials	0030000829	USD 868MYR 3,733
(H)	MX 12.0 mm	Attachment for vials, 24 × 12 mm vials	0030000844	USD 868MYR 3,733
(I)	MX cryo	Attachment for vials, 24 × cryo vials	0030000848	USD 868MYR 3,733
(J)	MX 0.5 ml	Attachment for vials, 24 × 0.5 ml vials	0030000840	USD 868MYR 3,733
(K)	MX PCR96	Attachment for 96 PCR plates	0030000853	USD 1,042MYR 4,481
(L)	MX PCR384	Attachment for 384 PCR plates	0030000857	USD 1,042MYR 4,481
(M)	MX carrier	Attachment for microtiter plates	0030000849	USD 1,107MYR 4,761
(3)	MX insert 1.5/2.0 ml	Insert for 1.5 / 2.0 ml vials	0030001158	USD 69MYR 297
(2)	MX insert 0.5 ml	Insert for 0.5 ml vials	0030001157	USD 69MYR 297
(1)	MX insert PCR96	Insert for 0.2 ml PCR vials	0030001159	USD 69MYR 297



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**
USD 8,984 | MYR 38,632
Ident. No. 0003940000

② **KS 3000 ic control** ②
USD 11,023 | MYR 47,399
Ident. No. 0003940100

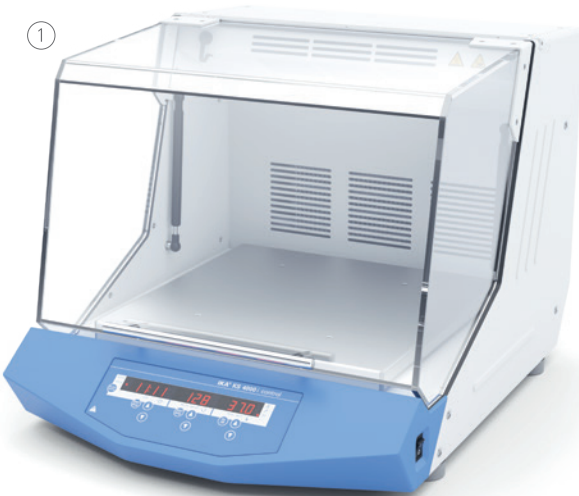


KS 3000 ic with built-in cooling coil



① **KS 4000 i control**
USD 9,748 | MYR 41,917
Ident. No. 0003510000

② **KS 4000 ic control**
USD 12,063 | MYR 51,871
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

USD 1,270 | MYR 5,461

Ident. No. 0004002000

②

ROCKER 2D digital

USD 1,375 | MYR 5,913

Ident. No. 0004003000

①

ROCKER 3D basic

USD 1,449 | MYR 6,231

Ident. No. 0004000000

②

ROCKER 3D digital

USD 1,658 | MYR 7,130

Ident. No. 0004001000

Adjustable shaking angle: 2.5 – 15°

①

ROLLER 6 basic

USD 2,099 | MYR 9,026

Ident. No. 0004010000

②

ROLLER 6 digital

USD 2,599 | MYR 11,176

Ident. No. 0004011000

Removable rolls

①

ROLLER 10 basic

USD 2,299 | MYR 9,886

Ident. No. 0004012000

②

ROLLER 10 digital

USD 2,699 | MYR 11,606

Ident. No. 0004013000

TECHNICAL DATA	ROCKER 2D BASIC DIGITAL	ROCKER 3D BASIC DIGITAL	ROLLER 6 BASIC DIGITAL	ROLLER 10 BASIC DIGITAL
Type of movement	Rocking	Tumbling	Rocking and rolling	Rocking and rolling
Speed range	0 – 80 rpm	30 rpm 0 – 80 rpm	30 rpm 0 – 80 rpm	30 rpm 0 – 80 rpm
Timer display	– 7 segment LED	– 7 segment LED	– 7 segment LED	– 7 segment LED
Speed display	– 7 segment LED	– 7 segment LED	– 7 segment LED	– 7 segment LED
Operating mode	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation
Dimensions (W x H x D)	280 x 150 x 330 mm	280 x 165 x 330 mm 280 x 185 x 330 mm	240 x 115 x 545 mm	380 x 115 x 545 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

63

SHAKERS | Rotating / Overhead / Orbital

①

Loopster basic

USD 1,132 | MYR 4,868

Ident. No. 0004015000

②

Loopster digital

USD 1,379 | MYR 5,930

Ident. No. 0004016000

①

Hula Dancer basic

USD 492 | MYR 2,116

Ident. No. 0025004320

②

Hula Dancer digital

USD 574 | MYR 2,469

Ident. No. 0025003634

①

Trayster basic

USD 1,099 | MYR 4,726

Ident. No. 0004005000

②

Trayster digital

USD 1,509 | MYR 6,489

Ident. No. 0004006000

①

MS 3 basic

USD 735 | MYR 3,161

Ident. No. 0003617000

②

MS 3 digital

USD 855 | MYR 3,677

Ident. No. 0003319000

③

MS 3 control

USD 1,421 | MYR 6,111

Ident. No. 0020016017

TECHNICAL DATA	LOOPSTER BASIC DIGITAL	TRAYSTER BASIC DIGITAL	HULA DANCER BASIC DIGITAL	MS 3 BASIC DIGITAL CONTROL
Type of movement	Rotating	Overhead	Orbital	Orbital
Permissible shaking weight (incl. attachment)	2 kg	2 kg	0.1 kg	0.5 kg
Speed range	20 rpm 0 – 80 rpm	20 rpm 0 – 80 rpm	2800 rpm 1200 – 2800 rpm	200 – 3000 rpm 200 – 3000 rpm 100 – 3000 rpm
Timer display	– 7 Segment LED	– 7 Segment LED	– –	– 7 Segment LED LCD
Operating mode	Continuous operation Timer and continuous operation	Continuous operation Timer and continuous operation	–	Continuous operation Timer and continuous operation Timer and continuous operation
Dimensions (W x H x D)	300 x 360 x 300 mm	460 x 180 x 140 mm	123 x 42 x 123 mm	148 x 63 x 205 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 42	IP 21

VORTEX 2

Price on request
Ident. No. 0025000258



VORTEX 3

USD 508 | MYR 2,185
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

USD 309 | MYR 1,329
Ident. No. 0004047700



MTS 2/4 digital

USD 2,043 | MYR 8,785
Ident. No. 0003208000

For shaking two or four microtiter plates



VXR basic Vibrax®

USD 1,508 | MYR 6,485
Ident. No. 0002819000



lab dancer

USD 227 | MYR 977
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
USD 1,718 | MYR 7,388
Ident. No. 0002980000
- ②

KS 130 control
USD 3,305 | MYR 14,212
Ident. No. 0002980100
- ③

KS 130 control NOL
USD 2,512 | MYR 10,802
Ident. No. 0004278200



- ①

KS 260 basic
USD 2,223 | MYR 9,559
Ident. No. 0002980200
- ②

KS 260 control
USD 4,497 | MYR 19,338
Ident. No. 0002980300
- ③

KS 260 control NOL
USD 3,572 | MYR 15,360
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
USD 2,327 | MYR 10,007
Ident. No. 0003066600
- ②

HS 260 control
USD 4,390 | MYR 18,877
Ident. No. 0003066700
- ③

HS 260 control NOL
USD 3,580 | MYR 15,394
Ident. No. 0004278600



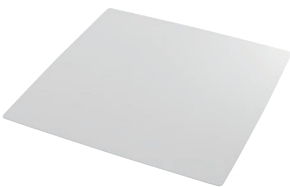
- ①

HS 501 digital
USD 7,577 | MYR 32,582
Ident. No. 0025002982
- ②

KS 501 digital
USD 7,577 | MYR 32,582
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

Product	Description	Ident. No.	Price	
ACCESSORIES ROCKER				
A 2	Second level attachment	0004581700	USD 113	MYR 486
RD 1	Universal mat	0004532000	USD 36	MYR 155
RD 2	Burled mat	0004532100	USD 39	MYR 168
TB 1	Tray, 24 x 5 ml, Ø 12 mm	0004532200	USD 63	MYR 271
TB 2	Tray, 12 x 15 ml, Ø 16 mm	0004532300	USD 63	MYR 271
TB 3	Tray, 10 x 30 ml, Ø 25 mm	0004532400	USD 63	MYR 271
TB 4	Tray, 8 x 30 ml, Ø 28 mm	0004532500	USD 63	MYR 271

ACCESSORIES LOOPSTER				
DS 1	Tube attachment, 48 x 1.5 ml, Ø 10 mm	0004524000	USD 328	MYR 1,411
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	USD 238	MYR 1,024
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	USD 238	MYR 1,024
DS 4	Tube attachment, 2 x 30 ml, Ø 25 mm	0004524300	USD 238	MYR 1,024
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	USD 238	MYR 1,024
DS 6	Universal disc	0004524500	USD 206	MYR 886
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	USD 51	MYR 220
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	USD 54	MYR 233
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	USD 55	MYR 237
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	USD 59	MYR 254
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	USD 62	MYR 267

ACCESSORIES TRAYSTER				
TR 1	Tube insert, 24 x 1.5 ml, Ø 10 mm	0004525100	USD 74	MYR 319
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	USD 74	MYR 319
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	USD 74	MYR 319
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	USD 74	MYR 319



TR 1



TR 2



TR 3



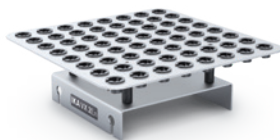
TR 4



Product	Description	Ident. No.	Price	
ACCESSORIES MS 3 BASIC DIGITAL CONTROL				
MS 3.1	Standard attachment	0003426300	USD 28	MYR 121
MS 3.3	Universal attachment	0003426600	USD 28	MYR 121
MS 1.21	One-hand insert	L001540	USD 41	MYR 177
MS 1.30	Attachment for 0.5 ml tubes	0025005776	USD 85	MYR 366
MS 1.31	Test tube insert, 14 × Ø 10 mm	L001840	USD 89	MYR 383
MS 1.32	Test tube insert, 6 × Ø 12 mm	L001850	USD 89	MYR 383
MS 1.33	Test tube insert, 4 × Ø 16 mm	L001860	USD 89	MYR 383
MS 1.34	Test tube insert	L001830	USD 43	MYR 185
MS 3.4	Microtiter plate attachment	0003426400	USD 89	MYR 383
MS 3.5	PCR plate attachment, 96-well	0003428000	USD 89	MYR 383

ACCESSORIES VORTEX 2 VORTEX 3				
VG 3.1	Standard attachment	0003341200	USD 23	MYR 99
VG 3.2	One-hand attachment	0003342300	USD 40	MYR 172
VG 3.21	Rubber mat	0020008398	USD 32	MYR 138
VG 3.3	Universal attachment, 150 mm	0003342400	USD 47	MYR 203
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	USD 44	MYR 190
VG 3.31	Test tube attachment for 54 tubes	0003344300	USD 112	MYR 482
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	USD 62	MYR 267
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	USD 61	MYR 263
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	USD 61	MYR 263
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	USD 61	MYR 263
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	USD 49	MYR 211
VG 3.37	Microtiter plate attachment	0003344400	USD 50	MYR 215





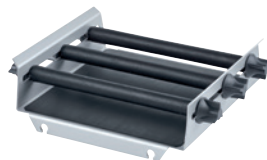
VX 2E.n



VX 2



VX 11.1



AS 130.1



AS 260.3



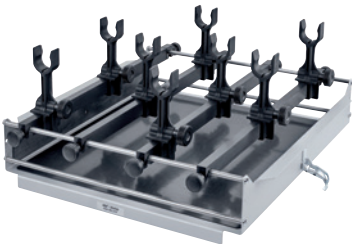
AS 1.10



AS 501.2



AS 501.3



AS 501.6

Product	Description	Ident. No.	Price	
ACCESSORIES VXR				
VX 1	One-hand attachment, 1 – 250 ml	0000607200	USD 166	MYR 714
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	USD 678	MYR 2,916
VX 2E.n	Tube attachment, 64 × 1.5 ml	0020018016	USD 657	MYR 2,826
VX 7	Dish attachment	0000953300	USD 480	MYR 2,064
VX 8	Universal attachment	0000910400	USD 1,150	MYR 4,945
VX 11	Basic holder	0003627700	USD 251	MYR 1,080
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	USD 251	MYR 1,080
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	USD 251	MYR 1,080
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	USD 192	MYR 826
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	USD 192	MYR 826
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	USD 171	MYR 736
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	USD 171	MYR 736
VX 8.1	Clamping roll	0003375400	USD 65	MYR 280

ACCESSORIES KS 130 BASIC CONTROL				
AS 130.1	Universal attachment	0008017300	USD 465	MYR 2,000
AS 130.2	Fixing clip attachment	0003115000	USD 172	MYR 740
AS 130.3	Dish attachment	0003120000	USD 166	MYR 714
AS 130.4	Test tube attachment	0003120300	USD 388	MYR 1,669

ACCESSORIES KS HS 260 BASIC CONTROL AND KS 3000				
AS 260.1	Universal attachment	0008017400	USD 626	MYR 2,692
AS 260.2	Fixing clip attachment	0003115500	USD 250	MYR 1,075
AS 260.3	Dish attachment	0003120600	USD 210	MYR 903
AS 260.5	Separating funnel attachment	0003120900	USD 999	MYR 4,296

ACCESSORIES KS HS 501 DIGITAL				
AS 501.1	Universal attachment	0008000200	USD 2,684	MYR 11,542
AS 501.2	Separating funnel attachment	0008000300	USD 3,070	MYR 13,201
AS 501.3	Separating funnel attachment	0008000400	USD 2,494	MYR 10,725
AS 501.4	Fixing clip attachment	0002341100	USD 2,497	MYR 10,738
AS 501.5	Dish attachment	0002339600	USD 385	MYR 1,656
AS 501.6	Separating funnel attachment	0008000500	USD 4,415	MYR 18,985



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	USD 2,152	MYR 9,254
AS 4000.2	Fixing clip attachment	0003710100	USD 1,278	MYR 5,496
AS 4000.3	Dish attachment	0003710000	USD 335	MYR 1,441
AS 1.400	Basic holder for AS 4000.1	0003710200	USD 877	MYR 3,772
AS 1.401	Clamping roll for AS 4000.1	0003712000	USD 87	MYR 375
AS 1.402	Fastening screw for AS 4000.1	0003712300	USD 14	MYR 60.5

ACCESSORIES				
AS 1.30	Basic holder for AS 130.1	0003148000	USD 486	MYR 2,090
AS 1.60	Basic holder for AS 260.1	0003149000	USD 877	MYR 3,772
AS 1.10	Basic holder for AS 501.1	0002339700	USD 1,298	MYR 5,582
AS 1.31	Clamping roll for AS 130.1	0003030500	USD 53	MYR 228
AS 1.61	Clamping roll for AS 260.1	0003030501	USD 67	MYR 289
AS 1.11	Clamping roll for AS 501.1	0002339800	USD 121	MYR 521
AS 1.6	Clamping device for AS 501.1	0001268400	USD 85	MYR 366
AS 1.7	Clamping device for AS 501.1	0001269200	USD 118	MYR 508
AS 1.12	Supporting bar for AS 1.10	0002594500	USD 241	MYR 1,037
AS 1.13	Ground section holder for AS 1.10	0002597000	USD 234	MYR 1,007
STICKMAX	Universal adhesive mat	0003920000	USD 90	MYR 387
AS 2.0	Fixing clips, 10 ml	0020016475	USD 80	MYR 344
AS 2.1	Fixing clips, 25 ml	0001234300	USD 43	MYR 185
AS 2.2	Fixing clips, 50 ml	0001234400	USD 43	MYR 185
AS 2.3	Fixing clips, 100 ml	0001234500	USD 43	MYR 185
AS 2.4	Fixing clips, 200 250 ml	0001234600	USD 80	MYR 344
AS 2.5	Fixing clips, 500 ml	0001234700	USD 80	MYR 344
AS 2.6	Fixing clips, 1000 ml	0003819300	USD 80	MYR 344
AS 2.7	Fixing clips, 2000 ml	0020016476	USD 114	MYR 491



STICKMAX

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

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

/// The new mini dispersers

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

CONNECTIVITY AND AUTOMATION

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

ADVANCED FUNCTIONS

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



T 18 brushless digital ULTRA-TURRAX®

USD 2,302 | MYR 9,899
Ident. No. 0020102476

Brushless DC motor guarantees dust-free and quieter operation



T 25 easy clean digital ULTRA-TURRAX®

USD 2,770 | MYR 11,911
Ident. No. 0025002560

T 25 easy clean control ULTRA-TURRAX®

USD 4,060 | MYR 17,458
Ident. No. 0025002500



T 18 mini digital ULTRA-TURRAX®

USD 1,890 | MYR 8,127
Ident. No. 0025005828

NEW!



T 25 mini control ULTRA-TURRAX®

USD 2,800 | MYR 12,040
Ident. No. 0025006650

NEW!



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

T 10 basic ULTRA-TURRAX®

USD 1,970 | MYR 8,471
Ident. No. 0003737000



T 18 digital ULTRA-TURRAX®

USD 2,013 | MYR 8,656
Ident. No. 0003720000



T 18 digital ULTRA-TURRAX® Package

USD 3,335 | MYR 14,341
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®

USD 2,590 | MYR 11,137
Ident. No. 0003725000



T 50 digital ULTRA-TURRAX®

USD 4,727 | MYR 20,327
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

T 65 digital ULTRA-TURRAX®

USD 11,719 | MYR 50,392
Ident. No. 0004234500



UTL 25 digital Inline
ULTRA-TURRAX®

USD 13,454 | MYR 57,853
Ident. No. 0010006856

UTL 25 digital Inline
ULTRA-TURRAX®

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



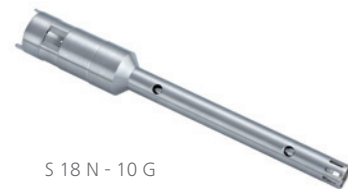
TECHNICAL DATA	T 65 DIGITAL ULTRA-TURRAX®	UTL 25 DIGITAL ULTRA-TURRAX®
Process type	Batch	Inline
Speed range	1000 – 9500 rpm	3000 – 25 000 rpm
Volume range (H ₂ O)	2 – 50 l	–
Speed control	Stepless	Stepless
Noise without element	75 dB(A)	73 dB(A)
Extension arm length		175 mm
Viscosity max.	5000 mPas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



S 10 N - 10 G - ST



S 10 D - 7 G - KS - 65



S 18 N - 10 G



S 18 N - 19 G



S 18/25 - ET50

Product	Description	Ident. No.	Price	
DISPERSING ELEMENTS FOR T 10 BASIC				
S 10 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446500	USD 2,014	MYR 8,661
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	USD 2,157	MYR 9,276
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	USD 1,411	MYR 6,068
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	USD 1,411	MYR 6,068
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	USD 1,411	MYR 6,068
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	USD 710	MYR 3,053
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	USD 800	MYR 3,440
DISPERSING ELEMENTS FOR T 18 DIGITAL				
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	USD 1,643	MYR 7,065
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	USD 1,616	MYR 6,949
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	USD 427	MYR 1,837
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	USD 427	MYR 1,837
S 18/25-ET50	Disposable tube	0003452500	USD 13	MYR 56



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	USD 2,399	MYR 10,316
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	USD 1,864	MYR 8,016
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	USD 1,876	MYR 8,067
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	USD 2,399	MYR 10,316
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	USD 2,664	MYR 11,456
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	USD 1,770	MYR 7,611
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	USD 1,506	MYR 6,476
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	USD 3,956	MYR 17,011
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	USD 1,931	MYR 8,304
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	USD 4,056	MYR 17,441
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	USD 2,364	MYR 10,166
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	USD 3,903	MYR 16,783
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	USD 3,416	MYR 14,689
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	USD 509	MYR 2,189
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	USD 509	MYR 2,189
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	USD 2,415	MYR 10,385
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	USD 3,024	MYR 13,004
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	USD 2,415	MYR 10,385
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	USD 3,024	MYR 13,004
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	USD 3,048	MYR 13,107
Silentstream	Flow breaker	0003754000	USD 53	MYR 228
S 18/25-ET50	Disposable tube	0003452500	USD 13	MYR 56
TS 25-3	Cleaning tool	0020003013	USD 178	MYR 766
CT.15	Cleaning tube	0020006595	USD 200	MYR 860



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	USD 1,983	MYR 8,527
S 25 EC - C - 25 G	Dispersing element, Ø 25 mm	0020108997	USD 2,068	MYR 8,893
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	USD 2,246	MYR 9,658
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	USD 2,147	MYR 9,233
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	USD 2,246	MYR 9,658
S 25 EC - T - C - 18 G	Dispersing element, Ø 18 mm, temperature sensor	0020108998	USD 2,332	MYR 10,028
S 25 EC - T - C - 25 G	Dispersing element, Ø 25 mm, temperature sensor	0020108999	USD 2,420	MYR 10,406
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature sensor	0025007398	USD 2,457	MYR 10,566
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	USD 2,939	MYR 12,638
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	USD 2,939	MYR 12,638
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	USD 122	MYR 525
WiCo T 25 easy clean control	Wireless remote control	0025006310	USD 1,186	MYR 5,100



DISPERSING ELEMENTS FOR T 50 DIGITAL				
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	USD 4,106	MYR 17,656
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	USD 5,391	MYR 23,182
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	USD 4,496	MYR 19,333
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	USD 4,901	MYR 21,075
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	USD 6,360	MYR 27,348
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	USD 6,360	MYR 27,348
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	USD 6,780	MYR 29,154
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	USD 7,009	MYR 30,139
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	USD 6,983	MYR 30,027
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	USD 6,982	MYR 30,023
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	USD 7,499	MYR 32,246
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	USD 7,780	MYR 33,454
R 50	Stirring shaft, high speed	0001689300	USD 4,141	MYR 17,807
R 1405	Propeller, Ø 45 mm	0001289800	USD 458	MYR 1,970
R 1402	Dissolver, Ø 42 mm	0001243300	USD 518	MYR 2,228
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	USD 5,709	MYR 24,549
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	USD 5,337	MYR 22,950



Product	Description	Ident. No.	Price	
DISPERSING ELEMENTS FOR T 65 DIGITAL				
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	USD 7,032	MYR 30,238
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	USD 7,574	MYR 32,569
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	USD 7,906	MYR 33,996
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0010010765	USD 4,404	MYR 18,938
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0010010767	USD 4,574	MYR 19,669
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0010010768	USD 4,957	MYR 21,316
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	USD 7,055	MYR 30,337
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	USD 7,586	MYR 32,620
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	USD 7,911	MYR 34,018
D 60	Dissolver, Ø 60 mm	0020008388	USD 856	MYR 3,681
D 80	Dissolver, Ø 80 mm	0020008389	USD 978	MYR 4,206
INLINE DISPERSER SYSTEM - ACCESSORIES				
DK 25.11	Flow chamber	0002518000	USD 5,759	MYR 24,764
AD 25	Mounting support for DK 25.11	0002562500	USD 1,390	MYR 5,977
S 25 KV - 25 G-IL	Dispersing element	0002563000	USD 4,416	MYR 18,989
S 25 KV - 25 F-IL	Dispersing element	0002830200	USD 4,416	MYR 18,989

NOMENCLATURE DISPERSING ELEMENTS

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

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

IKA laboratory mills are ideal for grinding, pulverizing or chopping samples for routine analyses, either in batch or continuous operation. Grinding results are achieved up to 1 µm particle size or 0.25 mm defined ultimate fineness. Due to a broad spectrum of easily interchangeable beaters and cutters, IKA mills are highly effective for a variety of applications and can also be scaled up for larger volumes.

MULTIDRIVE BASIC AND CONTROL

/// The all-rounder in coarse and fine crushing

Regardless of whether samples are hard, soft, fibrous, wet or dry – the MultiDrive blender can perform a wide range of crushing tasks involving coarse and fine crushing, thanks to the variety of vessels* available. With the MultiDrive basic it is possible to mix or grind; MultiDrive control is also fitted with a dispersion vessel and an autoclavable tube. There is a USB interface available for easy actuation and documentation respectively.

HIGH PERFORMANCE

Excellent crushing performance is guaranteed by a combination of variable rotational speeds, ranging from 3000 rpm to 20 000 rpm, and a 1000 W output.

INTERVAL OPERATION

The option of interval programming is simple to activate at the press of a button. Interval operation is an asset during the coarse crushing of hard samples or for extra thorough blending.

INTEGRATED COOLING

A cooling system is integrated in the milling cup, which allows indirect heat dissipation. Thus, coolant and sample remain separate.

ADDITIONAL CONTROL FEATURES:

TEMPERATURE MEASUREMENT

MultiDrive control offers temperature measurement and vessel recognition using RFID. A temperature limit can be set for temperature-sensitive materials, or for specific planned reactions to protect against overheating.

WEIGHING FUNCTION

The weighing function is also integrated into the user-friendly workflow of the IKA MultiDrive control. Weighing is performed before crushing using the same mixing cup, so that no transfer of contents is required.



MultiDrive control*
USD 5,093 | MYR 21,900
Ident. No. 0025002643

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

MultiDrive control
MT Package

USD 5,147 | MYR 22,133
Ident. No. 0010007083

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



MultiDrive basic*

USD 4,243 | MYR 18,245
Ident. No. 0025002638

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



MultiDrive control
BT Package

USD 5,147 | MYR 22,133
Ident. No. 0010007086

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



MultiDrive basic
M 20 Successor Package

USD 5,118 | MYR 22,008
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
USD 3,390 | MYR 14,577
Ident. No. 0004020700



A 11 basic
USD 2,398 | MYR 10,312
Ident. No. 0002900000



M 20
USD 9,988 | MYR 42,949
Ident. No. 0001603600

For dry grinding of hard and brittle substances



MF 10 basic
USD 5,667 | MYR 24,369
Ident. No. 0002836000



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

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



Product	Description	Ident. No.	Price	
ACCESSORIES				
BL 2000	Blender vessel, 2000 ml	0025003961	USD 914	MYR 3,931
BL 2000-T	Blender vessel, 2000 ml, temperature measurement	0025003962	USD 1,096	MYR 4,713
MI 250-S	Milling chamber, 250 ml, sealed	0020112097	USD 1,129	MYR 4,855
MI 400-S	Milling chamber, 400 ml, sealed	0020112099	USD 1,317	MYR 5,664
MI 250-T-S	Milling chamber, 250 ml, temperature measurement, sealed	0020112098	USD 1,317	MYR 5,664
MI 400-T-S	Milling chamber, 400 ml, temperature measurement, sealed	0020112100	USD 1,507	MYR 6,481
CS 1	Spare filter fume for cover, 5 pcs.	0020113275	USD 26	MYR 112
DI 2000-T	Dispersing vessel, 2000 ml, temperature measurement	0025003960	USD 1,694	MYR 7,285
BL 2000.1	Standard blend knife, stainless steel	0020023169	USD 185	MYR 796
MI 250.1	Standard beater, stainless steel	0020023166	USD 108	MYR 465
MI 250.2	Star shaped cutter, stainless steel	0020023167	USD 216	MYR 929
MI 250.3	Beater, tungsten carbide	0020023168	USD 465	MYR 2,000
MI 400.1	Standard beater, stainless steel	0020023170	USD 139	MYR 598
MI 400.2	Star shaped cutter, stainless steel	0020023171	USD 249	MYR 1,071
MI 400.3	Beater, tungsten carbide	0020023172	USD 512	MYR 2,202
TC 1	Protective housing for MT 150 and BT 250	0020023489	USD 235	MYR 1,011
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	USD 127	MYR 547
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	USD 135	MYR 581
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	USD 25	MYR 108

* TC 1 protective housing is mandatory to operate the tube



DI 2000-T



BL 2000-T



MI 250-S



MI 400 T-S



TC 1



MT 150.5



BL 2000-T



MI 250.2



MI 400.3



A 10.1



A 10.3



A 11.1



A 11.2



A 11.3



M 23



MF 10.2

Product	Description	Ident. No.	Price	
ACCESSORIES A 10 BASIC				
A 10.1	Stainless steel cutter	0025001680	USD 88	MYR 379
A 10.2	Star-shaped cutter	0025001162	USD 246	MYR 1,058
A 10.3	Hard metal cutter	0025001161	USD 503	MYR 2,163
A 10.4	Grinding chamber reduction	0025001664	USD 200	MYR 860

ACCESSORIES A 11 BASIC				
A 11.1	Spare beater, stainless steel	0002904600	USD 253	MYR 1,088
A 11.2	Cutting blade, stainless steel	0002905200	USD 359	MYR 1,544
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	USD 549	MYR 2,361
A 11.4	Grinding chamber, polyamide, 250 ml	0002904100	USD 911	MYR 3,918
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	USD 478	MYR 2,056
A 11.6	Double beater, titanium	0003302900	USD 960	MYR 4,128
A 11.7	Funnel, PTFE	0003048700	USD 589	MYR 2,533



A 11.4



A 11.5



A 11.6

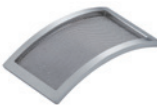


A 11.7

ACCESSORIES M 20				
M 21	Spare cutter, stainless steel	0000328200	USD 210	MYR 903
M 22	Hard metal cutter, tungsten carbide	0000521800	USD 830	MYR 3,569
M 23	Star-shaped cutter, stainless steel	0001443400	USD 414	MYR 1,781
M 20.1	Grinding chamber, 250 ml	0008006200	USD 6,150	MYR 26,445

ACCESSORIES MF 10 BASIC				
MF 10.1	Cutting-grinding head	0002870900	USD 5,346	MYR 22,988
MF 10.2	Impact-grinding head	0002871000	USD 4,621	MYR 19,871

SIEVES				
MF 0.25	Sieve, Ø 0.25 mm	0002938900	USD 683	MYR 2,937
MF 0.5	Sieve, Ø 0.5 mm	0002939000	USD 572	MYR 2,460
MF 1.0	Sieve, Ø 1 mm	0002939200	USD 572	MYR 2,460
MF 2.0	Sieve, Ø 2 mm	0002939400	USD 572	MYR 2,460
MF 3.0	Sieve, Ø 3 mm	0002939500	USD 621	MYR 2,671
MF 4.0	Sieve, Ø 4 mm	0002939600	USD 622	MYR 2,675



MF 0.25



MF 1.0



MF 2.0



MF 4.0

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

IN-VITRO DIAGNOSTIC (IVD)

/// Maximum efficiency, minimum contamination

TUBE MILL CONTROL

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

ULTRA-TURRAX® TUBE DRIVE

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



1 ULTRA-TURRAX® Tube Drive

USD 1,121 | MYR 4,821
Ident. No. 0003646000

2 UTDD basic IVD Solution

Price on request
Ident. No. 0010013007



1 UTDD control Pharma Solution

Price on request
Ident. No. 0010013297

2 UTDD control Life Science Solution

Price on request
Ident. No. 0010013296

3 UTDD control IVD Solution

Price on request
Ident. No. 0010013008



ULTRA-TURRAX® Tube Drive
P control

USD 2,272 | MYR 9,770
Ident. No. 0025005981



ULTRA-TURRAX® Tube Drive
P control Workstation

USD 2,363 | MYR 10,161
Ident. No. 0025005836



Further package
information on
page 164

TECHNICAL DATA

Process type
Speed range
Timer
Noise without element
Reversible direction of rotation
Viscosity max.
Dimensions (W x H x D)
Protection class according to
DIN EN 60529

ULTRA-TURRAX®
TUBE DRIVE / BASIC

Batch
300 – 6000 rpm
–
50 dB(A)
–
5000 mPas
100 x 40 x 160 mm
IP 20

ULTRA-TURRAX® TUBE
DRIVE P CONTROL /
CONTROL

Batch
400 – 8000 rpm
OLED
50 dB(A)
Yes
5000 mPas
122 x 54 x 178 mm
IP 20

		Product	Description	Ident. No.	Price	
ST TUBES WITH STIRRING ELEMENT						
		ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	USD 278	MYR 1,196
		ST-20-M-gamma	Tube with stirring element, sterile, 20 ml , 20 pcs., membrane lid	0003700500	USD 378	MYR 1,626
		ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	USD 142	MYR 611
		ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	USD 243	MYR 1,045
DT TUBES WITH ROTOR-STATOR ELEMENT						
		DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	USD 306	MYR 1,316
		DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	USD 424	MYR 1,824
		DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	USD 321	MYR 1,381
		DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	USD 158	MYR 680
		DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	USD 228	MYR 981
		DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	USD 150	MYR 645
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	USD 291	MYR 1,252
		BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	USD 291	MYR 1,252
		BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	USD 378	MYR 1,626
		BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	USD 528	MYR 2,271
		BMT-20-S-IVD1.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs., single sterile packaging	0020103143	On request	On request
		BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs., membrane lid, double sterile packaging	0020027186	On request	On request
		BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	USD 212	MYR 912
		BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	USD 212	MYR 912
		BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	USD 288	MYR 1,239



DIS-50-S-M



DIS-300-S-M



TC-50-M

Product	Description	Ident. No.	Price	
TUBES WITH DISSOLVER ELEMENT AND MEMBRANE LID				
DIS-50-S-M	Tube with dissolver blade, 50 ml, 10 pcs., stainless steel	0020016316	USD 155	MYR 667
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	USD 188	MYR 809
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	USD 234	MYR 1,007
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	USD 1,138	MYR 4,894
TUBES WITH DISSOLVER ELEMENT				
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	USD 241	MYR 1,037
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	USD 1,172	MYR 5,040
COVERS				
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	USD 91	MYR 392
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	USD 60	MYR 258
BALLS FOR BMT TUBE				
Glass balls 6	Glass balls, 250 g	0003599200	USD 90	MYR 387
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	USD 90	MYR 387
FURTHER ACCESSORIES FOR UTTD				
CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	USD 99	MYR 426

IVD



BMT-20-S-IVD

/// For use in human medicine

BMT-20-S-IVD* is a universally applicable disposable mixing vessel for use in human medicine and infection diagnostics. The gamma-sterilized tube contains a stirring unit, 10 stainless steel balls and 5 ml of saline solution and has a screw-on cover with pierceable membrane. BMT-20-S-IVD facilitates and improves micro-biological and molecular-biological analysis of patient samples such as tissue or intraoperative samples.

REDUCED RISK OF CONTAMINATION
No cross-contamination as sample is directly ground inside the vessel, no multiple opening of sample vessel required.

TIME SAVING
Disposable system, shorter sample preparation times, no cleaning of additional vessels.

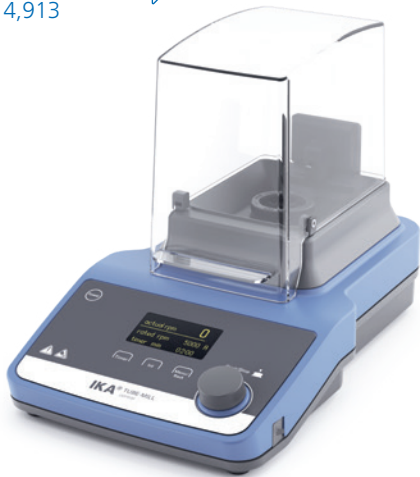
TRACEABILITY
One single process for transport, grinding / homogenization and storage.

* Released for all EU countries

Tube Mill control
USD 3,280 | MYR 14,104
Ident. No. 0004180000



Tube Mill 100 control
USD 3,468 | MYR 14,913
Ident. No. 0020007144

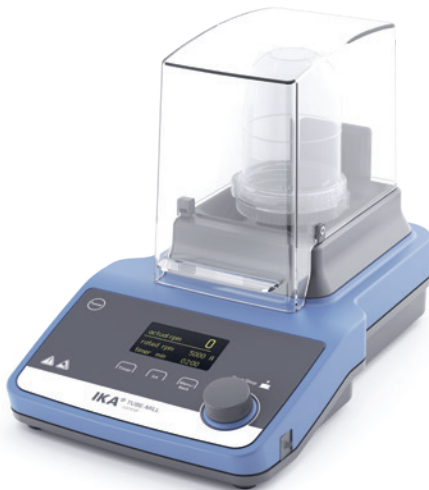


Designed for grinding chambers with max. 100 ml

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	USD 156 MYR 671
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	USD 1,290 MYR 5,547
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	USD 119 MYR 512
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	USD 241 MYR 1,037
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	USD 163 MYR 701
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	USD 1,378 MYR 5,926
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	USD 189 MYR 813
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	USD 276 MYR 1,187
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	USD 861 MYR 3,703
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	USD 435 MYR 1,871
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	USD 400 MYR 1,720
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	USD 248 MYR 1,067
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	USD 293 MYR 1,260
A-MMT.100	Abrasion set for MMT 40.1 MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	USD 326 MYR 1,402



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.

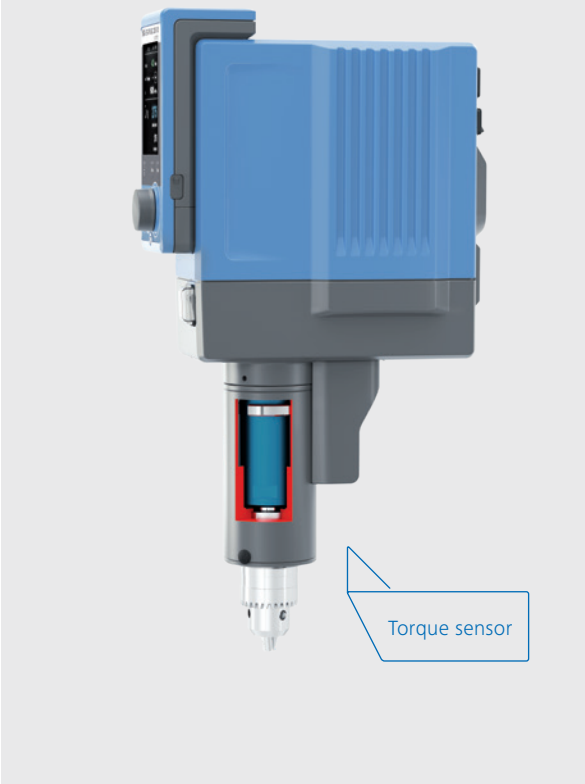
POWERFUL STIRRER

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

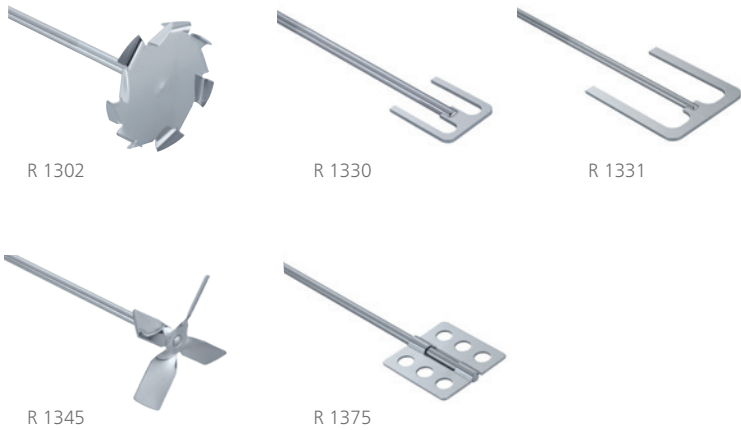
USD 9,744 | MYR 41,900

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	USD 573	MYR 2,464
R 1330	Anchor stirrer, Ø 45 mm	0002022300	USD 412	MYR 1,772
R 1331	Anchor stirrer, Ø 90 mm	0002022400	USD 468	MYR 2,013
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	USD 381	MYR 1,639
R 1375	Paddle stirrer, Ø 70 mm	0000757700	USD 434	MYR 1,867
BOSS HEAD CLAMPS				
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	USD 287	MYR 1,235
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	USD 187	MYR 805
STANDS				
R 2722	H-stand, 1010 mm	0001412000	USD 1,290	MYR 5,547
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	USD 1,193	MYR 5,130
SOFTWARE				
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	USD 1,199	MYR 5,156
labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	USD 6,855	MYR 29,477
labworldsoft® 6 Pro	For all configurations – any number of devices can be controlled at the same time	0020017366	USD 15,647	MYR 67,283



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

CBC VISC lite and ROTATEMP /// Temperature under control

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

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

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

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

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

**INDIVIDUALLY, OR AS AN ATTRACTIVE
COMPLETE PACKAGE**

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



① **ROTAVISC lo-vi
HELI Complete**

USD 5,136 | MYR 22,085
Ident. No. 0010013698

② **ROTAVISC me-vi HELI
Complete**

USD 5,136 | MYR 22,085
Ident. No. 0010013731

③ **ROTAVISC hi-vi I HELI
Complete**

USD 5,136 | MYR 22,085
Ident. No. 0010013745

④ **ROTAVISC hi-vi II
HELI Complete**

USD 5,136 | MYR 22,085
Ident. No. 0010013764

OUR PACKAGES

HELI Complete:
including motorized HELISTAND



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

USD 5,684 | MYR 24,442
Ident. No. 0010013683

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

USD 5,684 | MYR 24,442
Ident. No. 0010013658

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

USD 5,684 | MYR 24,442
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
USD 3,937 | MYR 16,930
Ident. No. 0010013826

②

ROTAVISC me-vi Complete
USD 3,937 | MYR 16,930
Ident. No. 0010013827

③

ROTAVISC hi-vi I Complete
USD 3,937 | MYR 16,930
Ident. No. 0010013828

④

ROTAVISC hi-vi II Complete
USD 3,937 | MYR 16,930
Ident. No. 0010013829



With Ball Bearing Technology

①

ROTAVISC SBS me-vi Complete
USD 5,008 | MYR 21,535
Ident. No. 0010013824

②

ROTAVISC SBS hi-vi I Complete
USD 5,008 | MYR 21,535
Ident. No. 0010013820

③

ROTAVISC SBS hi-vi II Complete
USD 5,008 | MYR 21,535
Ident. No. 0010013822



OUR PACKAGES

Complete:
including ROTASTAND

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

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

* 1 mPas with ELVAS-1

/// TEMPERATURE CONTROL SOLUTIONS

ECO Friendly R290



CBC VISC lite
Heating and cooling bath circulator for a temperature range from -25 °C to 125 °C.
USD 4,612 | MYR 19,832
Ident. No. 0020102007



ROTATEMP
High-temperate system for reliable heating up to 300 °C.
USD 4,599 | MYR 19,776
Ident. No. 0020113825

Further package information on page 177

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

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



ROTASTAND



SP RACK



HELISTAND



HELISTAND Set
(HELISTAND + T-SP-Set)

Product	Description	Ident. No.	Price	
STANDS				
ROTASTAND	Stand for ROTAVISC	0020116428	USD 1,309	MYR 5,629
HELISTAND	Electrical stand for ROTAVISC	0020116429	USD 1,802	MYR 7,749
HELISTAND Set	Electrical stand incl. T-spindle set	0020128647	USD 2,476	MYR 10,647
SP RACK	Spindle rack	0020104809	USD 84	MYR 362
SOFTWARE				
labworldsoft® 6 Visc	Laboratory software for ROTAVISC - download	0020101872	USD 1,199	MYR 5,156



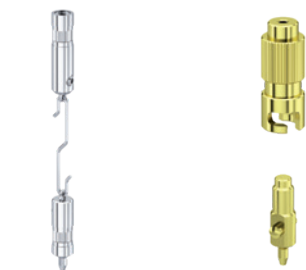
Adapter: DIN S-1



Adapter: O DIN S-1



Adapter: VOLS-1



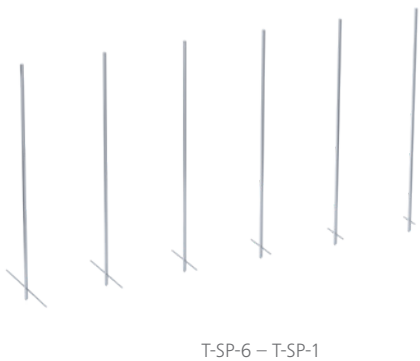
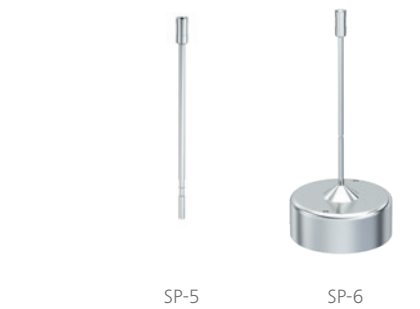
Hook Connector

Quick Connector



Spindle set: VAN-1

Product	Description	Ident. No.	Price	
ADAPTERS				
DINS-1	DIN adapter set	0025000387	USD 3,108	MYR 13,365
O DIN S-1	Open DIN adapter set	0025000326	USD 3,091	MYR 13,292
SAS-1	Spiral adapter set	0025000377	USD 1,438	MYR 6,184
ELVAS-1	Extremely low viscosity adapter set	0025000390	USD 1,683	MYR 7,237
VOLS-1	Low volume adapter set	0025000352	USD 1,510	MYR 6,493
VOLS-1 flex	Adapter set for small volumes, without spindle and chamber	0020114188	USD 867	MYR 3,729
OTHER ACCESSORIES				
DWB 600	Double-walled beaker 600 ml	0020024575	USD 1,125	MYR 4,838
BH 600	Clamp for 600 ml beaker	0025000400	USD 207	MYR 891
Hook Connector	Hook connector for spindles	0025000338	USD 230	MYR 989
Quick Connector	Quick connector for spindles	0025000339	USD 230	MYR 989
PT 100.8	Temperature sensor, stainless steel, Ø 3 mm, 75 mm	0025000413	USD 95	MYR 409
SPINDLE SET				
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	USD 308	MYR 1,325
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	USD 259	MYR 1,114
T-SP-Set	T-spindle set	0025007765	USD 643	MYR 2,765
VAN-1	Vane spindle set	0025000407	USD 1,455	MYR 6,257



Product	Description	Ident. No.	Price	
SPINDLES				
SP-1	Standard spindle	0025006828	USD 133	MYR 572
SP-2	Standard spindle	0025006829	USD 126	MYR 542
SP-3	Standard spindle	0025006830	USD 121	MYR 521
SP-4	Standard spindle	0025006831	USD 115	MYR 495
SP-5	Standard spindle	0025006832	USD 207	MYR 891
SP-6	Standard spindle	0025006833	USD 207	MYR 891
SP-7	Standard spindle	0025006834	USD 96	MYR 413
SP-8	Standard spindle	0025006835	USD 94	MYR 405
SP-9	Standard spindle	0025006836	USD 94	MYR 405
SP-10	Standard spindle	0025006837	USD 88	MYR 379
SP-11	Standard spindle	0025006838	USD 85	MYR 366
SP-12	Standard spindle	0025006839	USD 68	MYR 293
T-SP-1	T-spindle	0025008238	USD 89	MYR 383
T-SP-2	T-spindle	0025008239	USD 89	MYR 383
T-SP-3	T-spindle	0025008240	USD 89	MYR 383
T-SP-4	T-spindle	0025008241	USD 89	MYR 383
T-SP-5	T-spindle	0025008242	USD 89	MYR 383
T-SP-6	T-spindle	0025008243	USD 89	MYR 383
T-SP-nut	T-spindle nut	0020108874	USD 79	MYR 340
T-SP-coupling	T-spindle coupling	0020108842	USD 132	MYR 568
VAN-SP-1	Vane spindle	0025006853	USD 554	MYR 2,383
VAN-SP-2	Vane spindle	0025006854	USD 449	MYR 1,931
VAN-SP-3	Vane spindle	0025006855	USD 408	MYR 1,755
VAN-SP-4	Vane spindle	0025006856	USD 385	MYR 1,656
VAN-SP-5	Vane spindle	0025008376	USD 363	MYR 1,561
S-SP	Spiralspindel	0025006843	USD 227	MYR 977
S-C-1	Chamber for S-SP spiral spindle	0020108896	USD 798	MYR 3,432
SCB	Spindle brush for S-SP	0020108882	USD 61	MYR 263
VOL-SP-6.7	Spindle for VOLS-1, 6.7 ml	0025006845	USD 517	MYR 2,224
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	USD 474	MYR 2,039
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	USD 488	MYR 2,099
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	USD 488	MYR 2,099
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	USD 488	MYR 2,099
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	USD 488	MYR 2,099
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	USD 488	MYR 2,099
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	USD 488	MYR 2,099
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	USD 488	MYR 2,099



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	USD 367	MYR 1,579
VOL-C-RTD-1	VOL-C-RTD-1 chamber	0025007603	USD 576	MYR 2,477
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	USD 531	MYR 2,284
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	USD 488	MYR 2,099
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	USD 531	MYR 2,284
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	USD 488	MYR 2,099
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	USD 531	MYR 2,284
VOLS 1.11	Extension connector	0020107301	USD 137	MYR 590
VOLS 1.21	Cover for VOLS chamber	0020108881	USD 39	MYR 168
ELVAS-SP	ELVAS Spindle	0025006844	USD 475	MYR 2,043
ELVAS-C	ELVAS sample chamber (open)	0020107138	USD 425	MYR 1,829
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	USD 311	MYR 1,338
DIN-SP-5	DIN spindle 5	0025006840	USD 475	MYR 2,043
DIN-SP-6	DIN spindle 6	0025006841	USD 475	MYR 2,043
DIN-SP-7	DIN spindle 7	0025006842	USD 475	MYR 2,043
DIN-C-1	Chamber for DIN-SP-5	0020108883	USD 487	MYR 2,095
DIN-C-2	Chamber for DIN-SP-6, DIN-SP-7	0020108885	USD 487	MYR 2,095
O-DIN-C-1	Open chamber for DIN-SP-5	0020108887	USD 425	MYR 1,828
O-DIN-C-2	Open chamber for DIN-SP-6	0020108888	USD 425	MYR 1,828
O-DIN-C-3	Open chamber for DIN-SP-7	0020108889	USD 425	MYR 1,828
CC-1	Chamber cap (6 pcs.) for ELVAS / DINS	0020107043	USD 49	MYR 211

STANDARD SILICONE OILS

CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	USD 221	MYR 951
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	USD 221	MYR 951
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	USD 221	MYR 951
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	USD 221	MYR 951
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	USD 221	MYR 951
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	USD 221	MYR 951
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	USD 221	MYR 951
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	USD 221	MYR 951
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	USD 221	MYR 951
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	USD 221	MYR 951
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	USD 221	MYR 951

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

VACSTAR LITE

/// The vacuum team player

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

PERFECT AS PART OF A TEAM

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

COMPACT AND ROBUST

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

ATTRACTIVE PACKAGES

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



VACSTAR lite
USD 1,599 | MYR 6,876
Ident. No. 0020124926

NEW!



Further package information on page 173

VACSTAR digital
USD 2,629 | MYR 11,305
Ident. No. 0020016236

VACSTAR control
USD 3,617 | MYR 15,554
Ident. No. 0020109375

TECHNICAL DATA	VACSTAR LITE	VACSTAR DIGITAL VACSTAR CONTROL
Pump rate max.	1 m³/h	1.32 m³/h
Max. pump rate	16.67 l/min	22 l/min
Boiling point detection	No	No Yes
Solvent library	No	No Yes
Speed range	285 – 1100 rpm	285 – 1200 rpm
Vacuum sensor	No	No Yes
Two-point control	No	Yes No
Min. input pressure	10 mbar	2 mbar
Max. input pressure	1030 mbar	1030 mbar
Dimensions (W x H x D)	115 x 292 x 280 mm	150 x 375 x 370 mm 270 x 435 x 500 mm
Protection class acc. to DIN EN 60529	IP 20	IP 20
RS 232 / USB interface	No / Yes	Yes

Product	Ident. No.	Price
ACCESSORIES VACUUM PUMPS		
VSE 1 vacuum safety emission	0035001873	USD 787 MYR 3,385
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	USD 62 MYR 267



VSE 1



VH.SI.8

MVP 10 basic
USD 1,841 | MYR 7,917
Ident. No. 0003980000



Product	Ident. No.	Price	
ACCESSORIES MVP 10 BASIC			
VCV 1 vacuum control valve manual	0020004850	USD 868	MYR 3,733
VCV 2 vacuum control valve digital	0020004893	USD 1,496	MYR 6,433
VSS 1 vacuum safety set	0020005194	USD 1,295	MYR 5,569
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	USD 62	MYR 267
Y hose connector 8 mm	0020010963	USD 8	MYR 34.5



VSS 1



VCV 1

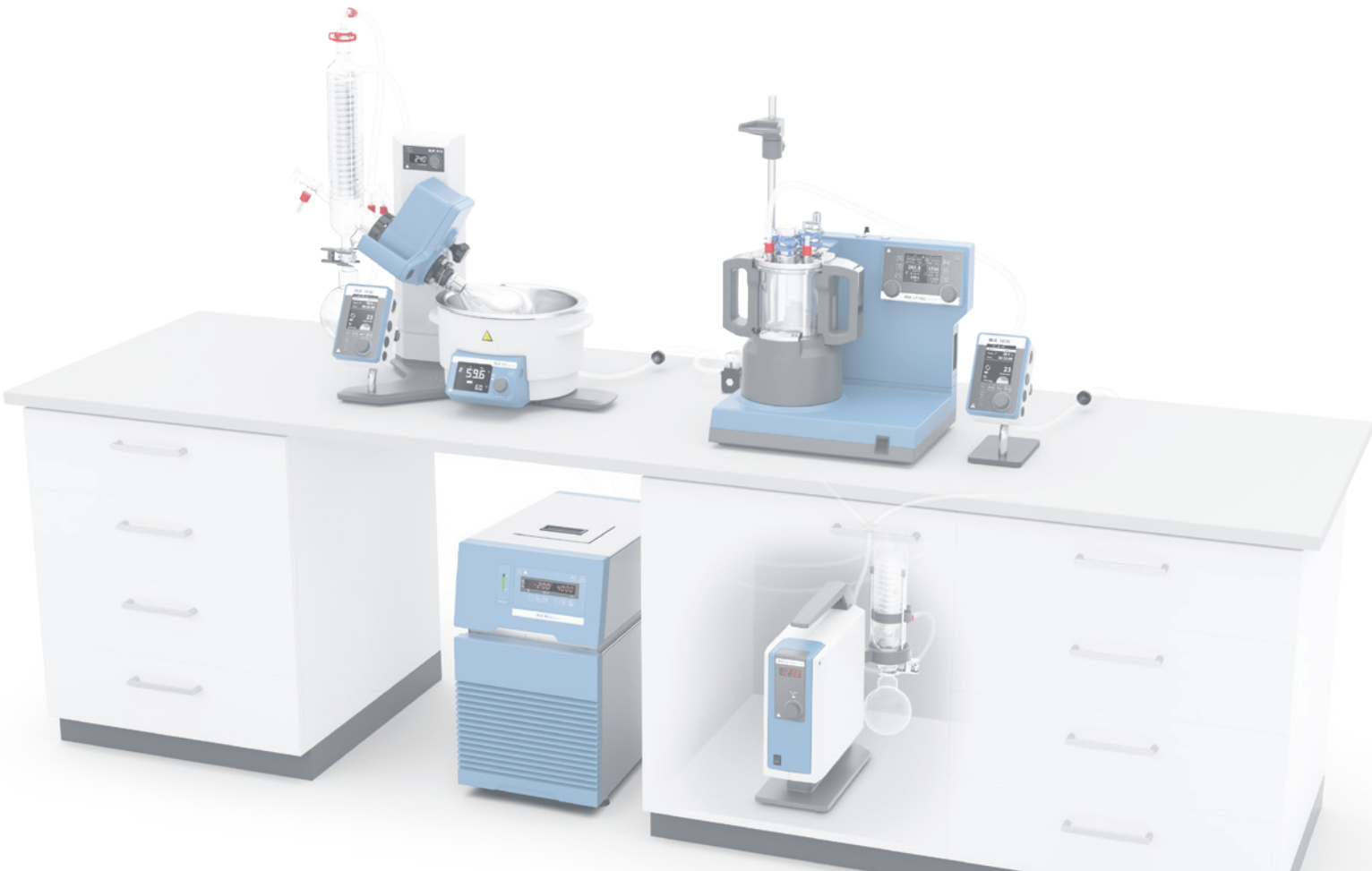


VC 10.300



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	USD 314	MYR 1,351
VC 10.400 table holder	0035001735	USD 375	MYR 1,613
VC 10.500 Stand pole for VACSTAR digital	0035002702	USD 92	MYR 396
VC 10.600 Stand pole for VACSTAR lite	0020129298	USD 60	MYR 257

① VC 10 lite
USD 935 | MYR 4,021
Ident. No. 0020111998

② VC 10 pro
USD 1,244 | MYR 5,350
Ident. No. 0020112031



TECHNICAL DATA	VC 10 LITE	VC 10 PRO
Vacuum sensor		Yes
Min. input pressure		1 mbar
Max. input pressure		1050 mbar
Boiling point detection	–	Yes
Vacuum valve	–	Yes
Two-point regulation	–	Yes
Analog speed vacuum control		Yes
Ventilation valve		Yes
Automatic mode	No	Yes
Manual mode	Yes	Yes
Programmable		Yes
Dimensions (W x H x D)		95 × 150 × 110 mm
Protection class acc. to DIN EN 60529		IP 20
RS 232 / USB interface		Yes

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

STRAIGHT TO THE POINT
/// Temperature control series “lite”

FOCUS ON THE ESSENTIAL

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

POWERFUL AND HIGH-QUALITY

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

NEW!



ICC 100 lite
USD 948 |
MYR 4,077
Ident. No. 0020105647

ICC 150 lite
USD 1,126 |
MYR 4,842
Ident. No. 0020105581



① ICC basic
USD 1,862 |
MYR 8,007
Ident. No. 0004134400

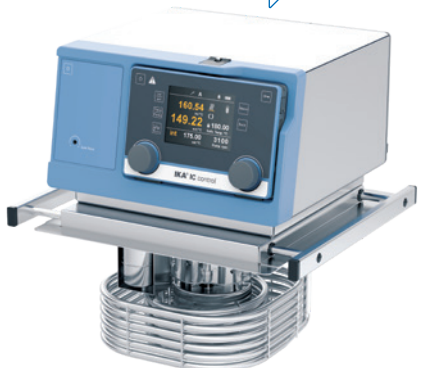
② ICC control
USD 2,420 |
MYR 10,406
Ident. No. 0004136600



IC basic
USD 3,435 | MYR 14,771
Ident. No. 0003861000



IC control
USD 4,522 | MYR 19,445
Ident. No. 0003863000



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

NEW!

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	USD 1,568	MYR 6,743
ICC 100 lite eco 18	Package with 18 l eco bath	L	245 × 305 mm	0010013187	USD 1,751	MYR 7,530
ICC 150 lite pro 9	Package with 9 l pro bath	S	195 × 100 mm	0010013199	USD 1,943	MYR 8,355
ICC 150 lite pro 12	Package with 12 l pro bath	M	255 × 127 mm	0010013210	USD 2,021	MYR 8,691
ICC 150 lite pro 20	Package with 20 l pro bath	L	255 × 309 mm	0010013221	USD 2,167	MYR 9,319
ICC basic eco 8	Package ICC basic, 8 l eco bath	S	188 × 105 mm	0008034900	USD 2,266	MYR 9,744
ICC basic pro 9	Package ICC basic, 9 l pro bath	S	195 × 100 mm	0008035100	USD 2,556	MYR 10,991
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 × 127 mm	0010000414	USD 2,661	MYR 11,443
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 × 305 mm	0008035000	USD 2,299	MYR 9,886
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 × 309 mm	0008035200	USD 2,399	MYR 10,316
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 × 105 mm	0008035300	USD 2,954	MYR 12,703
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 × 100 mm	0008035500	USD 3,194	MYR 13,735
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 × 127 mm	0010000415	USD 3,301	MYR 14,195
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 × 305 mm	0008035400	USD 3,171	MYR 13,636
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 × 309 mm	0008035600	USD 3,389	MYR 14,573
COMBINED HEATING BATH CIRCULATORS						
ICC 150 lite pro 9 c	Package with 9 l pro bath, cover	S	195 × 100 mm	0010013233	USD 2,327	MYR 10,007
ICC 150 lite pro 12 c	Package with 12 l pro bath, cover	M	255 × 127 mm	0010013244	USD 2,449	MYR 10,531
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 × 105 mm	0008035700	USD 2,958	MYR 12,720
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 × 100 mm	0008035900	USD 3,213	MYR 13,816
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 × 127 mm	0010000416	USD 3,343	MYR 14,375
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 × 305 mm	0008035800	USD 3,197	MYR 13,748
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 × 309 mm	0008036000	USD 3,551	MYR 15,270
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 × 105 mm	0008036100	USD 4,044	MYR 17,390
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 × 100 mm	0008036300	USD 4,299	MYR 18,486
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 × 305 mm	0008036200	USD 4,316	MYR 18,559
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 × 127 mm	0010000417	USD 4,462	MYR 19,187
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 × 309 mm	0008036400	USD 4,636	MYR 19,935

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	USD 5,266	MYR 22,644
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002474	USD 6,027	MYR 25,917
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006740	USD 6,319	MYR 27,172
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006736	USD 7,085	MYR 30,466

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

NEW!



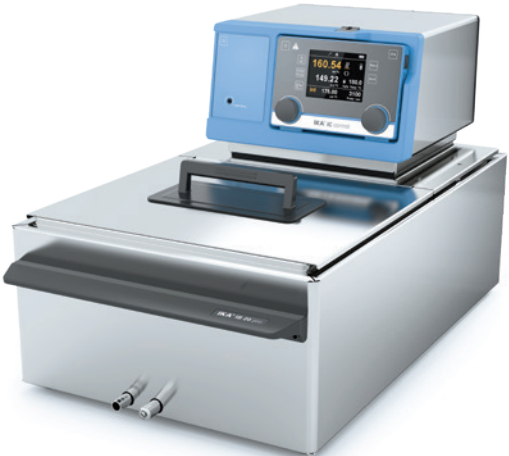
ICC 100 lite eco 8

BESTSELLER



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

NEW!



IC control pro 20 c



ICC 150 lite pro 20

Product	Description	Bath size	Bath opening (W x D)*	Ident. No.	Price	
COMBINED HEATING BATH CIRCULATORS						
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 x 80 mm	0008039900	USD 5,337	MYR 22,950
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 x 262 mm	0008036800	USD 5,573	MYR 23,964
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0008040000	USD 5,731	MYR 24,644
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0008037200	USD 5,967	MYR 25,659

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

/// HEATING BATH CIRCULATORS

- 1

HBC 5 basic
USD 5,070 | MYR 21,801
Ident. No. 0004125000
- 2

HBC 5 control
USD 6,028 | MYR 25,921
Ident. No. 0004127000
- 3

HBC 10 basic
USD 5,378 | MYR 23,126
Ident. No. 0004135000
- 4

HBC 10 control
USD 6,492 | MYR 27,916
Ident. No. 0004137000



/// REFRIGERATED AND HEATING BATH CIRCULATORS

- 1

CBC 5 basic
USD 6,665 | MYR 28,660
Ident. No. 0004165000
- 2

CBC 5 control
USD 7,744 | MYR 33,300
Ident. No. 0004167000



/// REFRIGERATED AND HEATING CIRCULATORS

- 1

HRC 2 basic
USD 4,792 | MYR 20,606
Ident. No. 0025003742
- 2

HRC 2 control
USD 6,264 | MYR 26,936
Ident. No. 0025004524



/// REFRIGERATED AND HEATING CIRCULATOR

- HRC 2 lite**
USD 3,350 | MYR 14,405
Ident. No. 0020104311



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

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

/// RECIRCULATING CHILLER

- RC 2 lite**
USD 3,047 | MYR 13,103
Ident. No. 0025006624



- 1

RC 2 basic
USD 5,231 | MYR 22,494
Ident. No. 0004171000
- 2

RC 2 control
USD 7,143 | MYR 30,715
Ident. No. 0004173000



- 1

RC 2 GREEN basic
USD 5,140 | MYR 22,102
Ident. No. 0025004186
- 2

RC 2 GREEN control
USD 7,574 | MYR 32,569
Ident. No. 0025006638



- 1

RC 5 basic
USD 6,782 | MYR 29,163
Ident. No. 0004181000
- 2

RC 5 control
USD 7,727 | MYR 33,227
Ident. No. 0004183000



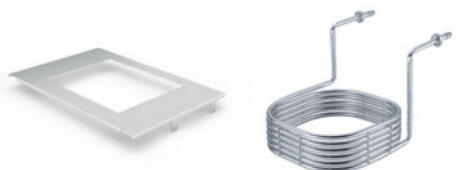
TECHNICAL DATA	RC 2 LITE	RC 2 BASIC CONTROL	RC 2 GREEN BASIC CONTROL	RC 5 BASIC CONTROL
Appliance type	Recirculating chiller	Recirculating chiller	Recirculating chiller	Recirculating chiller
Cooling fluid	R290	R134a	R290	R290
Cooling capacity at 20 °C	400 W	400 W	800 W	1400 W
Temperature range	-10 °C – RT	-20 °C – RT -30 °C – RT	-30 °C – RT	-30 °C – RT
Display	LED	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)
Temperature stability DIN 12876	± 0.5 K	± 0.1 K ± 0.05 K	± 0.15 K	± 0.2 K ± 0.1 K
Max. flow rate	18 l/min	18 l/min	21 l/min	31 l/min
Max. pump pressure	0.35 bar	0.3 bar	0.5 bar	0.61 bar
Min. suction pressure	0.15 bar	0.2 bar	0.25 bar	0.45 bar
Dimensions (W x H x D)	225 x 385 x 430 mm	220 x 475 x 525 mm	220 x 475 x 525 mm	310 x 546 x 490 mm



CS.ICC CL.ICC



BS.ICC PCS.ICC



BS.IC CC1



IB R 9 eco IB 18 eco



IB 9 pro IB 20 pro

Product	Description	Ident. No.	Price	
ACCESSORIES FOR ICC				
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	USD 225	MYR 968
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	USD 294	MYR 1,265
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	USD 286	MYR 1,230
CLG.ICC	Gable lid for ICC, bath size L	0020023680	USD 779	MYR 3,350
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	USD 479	MYR 2,060
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	USD 218	MYR 938
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	USD 218	MYR 938
BS.ICC lite	Bridge, small for ICC lite, 8/9 l bath vessels	0020119539	USD 216	MYR 929
BL.ICC lite	Bridge, big for ICC lite, 8/9 l bath vessels	0020119540	USD 207	MYR 891
CC2	Cooling coil for ICC	0025001061	USD 215	MYR 925
PCS.ICC	Pump connection set for ICC	0004471900	USD 266	MYR 1,144

ACCESSORIES FOR IC				
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	USD 217	MYR 934
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	USD 286	MYR 1,230
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	USD 218	MYR 938
CC1	Cooling coil for IC basic / control	0020005116	USD 224	MYR 964

BATH VESSELS				
Bath size S				
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	USD 566	MYR 2,434
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	USD 493	MYR 2,120
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	USD 745	MYR 3,204

Bath size M				
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	USD 911	MYR 3,918

Bath size L				
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	USD 796	MYR 3,423
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	USD 739	MYR 3,178
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	USD 657	MYR 2,826
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	USD 902	MYR 3,879
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	USD 1,151	MYR 4,950
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	USD 1,999	MYR 8,596
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	USD 1,092	MYR 4,696



HF.Si.20.200.50



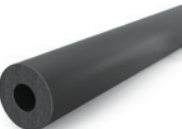
LT 5.32



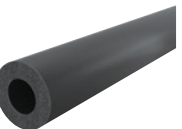
H.SI.8



H.FKM.12.ISO



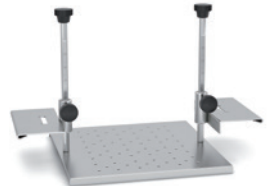
ISO.8



ISO.12

Product	Description	Ident. No.	Price	
THERMOFLUIDS				
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	USD 689	MYR 2,963
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	USD 587	MYR 2,525
UF.SiN30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	USD 669	MYR 2,877
HOSES				
LT 5.32	Temperature control hose, 1.6 m	0020113271	USD 1,240	MYR 5,332
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1.5 m	0004568800	USD 26	MYR 112
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1.5 m	0004568900	USD 33	MYR 142
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	USD 42	MYR 181
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1.5 m	0004569000	USD 59	MYR 254
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1.5 m	0004569100	USD 72	MYR 310
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 x 1.5 m, reinforced	0020004612	USD 89	MYR 383
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 x 1.5 m	0020004613	USD 108	MYR 465
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 x 1.5 m	0004569200	USD 312	MYR 1,342
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 x 1.5 m, M 16 x 1	0004569300	USD 412	MYR 1,772
H.FKM.8.ISO	Hose set FKM incl. insulation, Ø 8 mm	0010011653	USD 526	MYR 2,262
H.FKM.12.ISO	Hose set incl. insulation, FKM, Ø 12 mm	0010011652	USD 691	MYR 2,972
H.PUR.12.AD	Hose set incl. M 16x1 connection, PUR 90 °C, Ø 12 mm	0010011654	USD 218	MYR 938

INSULATION FOR HOSES				
ISO.8	Insulation, Ø 8 mm, 2 x 1.5 m	0004569400	USD 31	MYR 134
ISO.12	Insulation, Ø 12 mm, 2 x 1.5 m	0004569500	USD 34	MYR 147

	Product	Description	Ident. No.	Price	
 Tube rack, 13 mm, S, stainless	TUBE RACKS				
	Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, Ø 13 mm	0020004026	USD 126	MYR 542
 Variable rack, ICC, ML, stainless	Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	USD 126	MYR 542
	Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	USD 126	MYR 542
 Variable bottom, ICC, L, stainless	Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	USD 211	MYR 908
	Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 17 mm	0020004030	USD 211	MYR 908
 Bottom plate L	Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	USD 211	MYR 908
	Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	USD 252	MYR 1,084
 Floating tube rack 1	Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	USD 85	MYR 366
	Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	USD 85	MYR 366
 Floating tube rack 2	Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	USD 85	MYR 366
	Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	USD 588	MYR 2,529
 Floating tube rack 3	Bottom plate L	Bottom plate for bath size L	0020006212	USD 608	MYR 2,615
	Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	USD 512	MYR 2,202
FLOATING RACKS					
 Floating globes, PP	Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	USD 51	MYR 220
	Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	USD 51	MYR 220
 WH10	Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	USD 51	MYR 220
	ADDITIONAL ACCESSORIES				
 WH10	WH10	WiCo Holder	0020000984	USD 38	MYR 164
	PT 100.30	Temp. sensor, stn. steel	0004284700	USD 513	MYR 2,206
 WH10	PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	USD 301	MYR 1,295
	Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	USD 172	MYR 740
 WH10	Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	USD 235	MYR 1,011
	PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	USD 336	MYR 1,445



CO V 1



Ball valve M16x1



Mechanic fluid level controller

Product	Description	Ident. No.	Price	
VALVES AND LEVEL CONTROLLERS				
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	USD 535	MYR 2,301
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	USD 924	MYR 3,974
Ball valve M16 × 1	Ball valve, completely opening (M 16 × 1)	0020004620	USD 166	MYR 714
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	USD 602	MYR 2,589
ADAPTERS				
Elbow tube 90°	Elbow tube 90°	0025001212	USD 117	MYR 504
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	USD 59	MYR 254
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	USD 8	MYR 34.5
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	USD 59	MYR 254
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	USD 55	MYR 237
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	USD 59	MYR 254
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	USD 59	MYR 254
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	USD 51	MYR 220
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	USD 192	MYR 826
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	USD 229	MYR 985
Adapter M16 × 1 f - G1/4 m	Adapter M 16 × 1 female to G 1/4 male	0020008807	USD 107	MYR 461
Adapter M16 × 1 m - G1/4 m	Adapter M 16 × 1 male to G 1/4 male	0020008734	USD 52	MYR 224
Adapter M16 × 1 m - G1/2 m	Adapter M 16 × 1 male to G 1/2 male	0020008796	USD 52	MYR 224
Adapter M16 × 1 f - G1/2 m	Adapter M 16 × 1 female to G 1/2 male	0020008800	USD 107	MYR 461
Adapter M16 × 1 f - G3/8 m	Adapter M 16 × 1 female to G 3/8 male	0020008730	USD 107	MYR 461
Adapter M16 × 1 m - G3/8 m	Adapter M 16 × 1 male to G 3/8 male	0020008754	USD 52	MYR 224
Adapter M16 × 1 m - M 16 × 1 m	Adapter M 16 × 1 male to M 16 × 1 male, for hose extension	0025007118	USD 52	MYR 224
Lock nut	Lock nut, 2 pcs.	0020004583	USD 61	MYR 263
Stopper	Stopper, 2 pcs.	0020004584	USD 61	MYR 263



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4

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

DRY BLOCK HEATERS

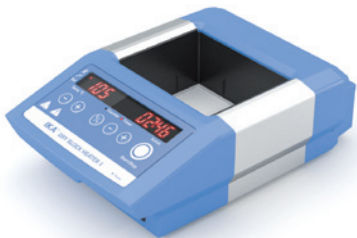
/// Provide precise temperature control in small vessels



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

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

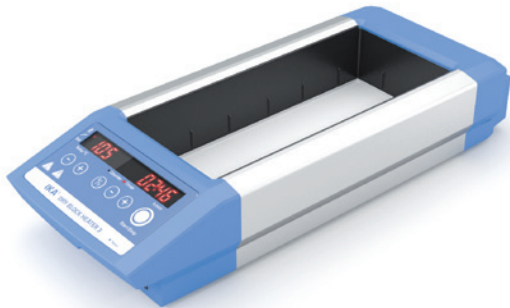
Dry Block Heater 1
USD 1,665 | MYR 7,160
Ident. No. 0004025100



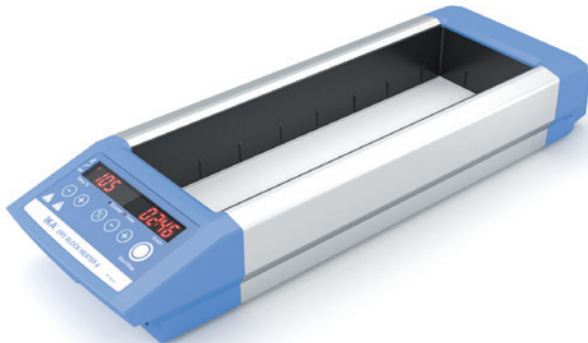
Dry Block Heater 2
USD 1,876 | MYR 8,067
Ident. No. 0004025200



Dry Block Heater 3
USD 2,181 | MYR 9,379
Ident. No. 0004025300



Dry Block Heater 4
USD 2,870 | MYR 12,341
Ident. No. 0004025400



Capacity for 4 heating blocks

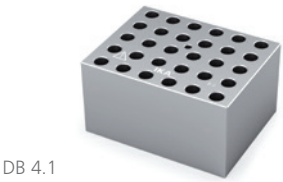
TECHNICAL DATA	DRY BLOCK HEATER 1	DRY BLOCK HEATER 2	DRY BLOCK HEATER 3	DRY BLOCK HEATER 4
Number of blocks	1	2	3	4
Heat output	165 W	250 W	330 W	412 W
Heating temperature range	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C
Connection for ext. temperature sensor	CT (DIN 12878)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



DB 1.1



DB 3.2



DB 4.1



DB 4.6



DB 5.2



DB 5.8



DB 8.1

Product	Description	Ident. No.	Price	
MICRO CENTRIFUGE TUBES				
DB 1.1	Single block, PCR tubes, Ø 7,9 mm	0004467600	USD 242	MYR 1,041
DB 1.2	Single block, Eppendorf tubes, Ø 11,5 mm	0004467700	USD 198	MYR 852
DB 1.3	Single block, microtubes, Ø 11,1 mm	0004467800	USD 198	MYR 852
DB 1.4	Single block, VWR Eppendorf tubes, Ø 10.9 mm	0004467900	USD 198	MYR 852
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	USD 203	MYR 873
CONICAL BOTTOM CENTRIFUGE TUBES				
DB 2.1	Single block, conical tubes, Ø 17,1 mm	0004468100	USD 242	MYR 1,041
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	USD 233	MYR 1,002
COMBINATION BLOCKS				
DB 3.1	Single block, test tube comb., 6 12 13 25 mm	0004468300	USD 233	MYR 1,002
DB 3.2	Single block, centrifuge comb., 1,5 15 50 ml	0004468400	USD 233	MYR 1,002
DB 3.3	Single block, microtube comb., 0.5 1,5 2 ml	0004468500	USD 242	MYR 1,041
STANDARD TEST TUBES				
DB 4.1	Single block, 30 round tubes, Ø 8,3 mm	0004468600	USD 259	MYR 1,114
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700	USD 243	MYR 1,045
DB 4.3	Single block, 16 round tubes, Ø 13,9 mm	0004468800	USD 242	MYR 1,041
DB 4.4	Single block, 20 round tubes, Ø 13,9 mm	0004468900	USD 243	MYR 1,045
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000	USD 242	MYR 1,041
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	USD 233	MYR 1,002
DB 4.7	Single block, 6 round tubes, Ø 26,2 mm	0004469200	USD 233	MYR 1,002
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	USD 228	MYR 981
DB 4.9	Single block, 12 round tubes, Ø 19,1 mm	0004469400	USD 242	MYR 1,041
VIALS				
DB 5.1	Single block, 12 mm vials, Ø 12,7 mm	0004469500	USD 242	MYR 1,041
DB 5.2	Single block, 15 mm vials, Ø 15,8 mm	0004469600	USD 242	MYR 1,041
DB 5.3	Single block, 17 mm vials, Ø 17,8 mm	0004469700	USD 228	MYR 981
DB 5.4	Single block, 19 mm vials, Ø 19,7 mm	0004469800	USD 228	MYR 981
DB 5.5	Single block, 21 mm vials, Ø 21,7 mm	0004469900	USD 228	MYR 981
DB 5.6	Single block, 23 mm vials, Ø 23,8 mm	0004470000	USD 228	MYR 981
DB 5.7	Single block, 25 mm vials, Ø 25,8 mm	0004470100	USD 228	MYR 981
DB 5.8	Single block, 28 mm vials, Ø 28,8 mm	0004470200	USD 228	MYR 981
DB 5.9	Single block, 16 mm vials, Ø 16,4 mm	0004470300	USD 242	MYR 1,041
STANDARD TEST TUBES				
DB 6.1	Single block, 10 × 8 PCR tube strips, Ø 6,4 mm	0004470400	USD 265	MYR 1,140
DB 6.2	Single block, 64 PCR tubes, Ø 6,4 mm	0004470500	USD 265	MYR 1,140
DB 6.3	Double block, 1 × 96-Well PCR plate, Ø 6,4 mm	0004470600	USD 396	MYR 1,703
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	USD 357	MYR 1,536
DB 8.1	Single block, 2 × 6 cuvettes, Ø 12,5 mm	0004470700	USD 225	MYR 968
TEMPERATURE SENSORS				
PT 1000.60	Temp. sensor, stn. steel, Ø 3 mm, depth: 230 mm	0003516800	USD 215	MYR 925
PT 1000.90	Temp. sensor, coated, Ø 3 mm, depth: 230 mm	0004480600	USD 291	MYR 1,252

C-MAG HP 4
USD 665 | MYR 2,860
Ident. No. 0003581600



C-MAG HP 7
USD 849 | MYR 3,651
Ident. No. 0003581800



C-MAG HP 10
USD 1,269 | MYR 5,457
Ident. No. 0003582000



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

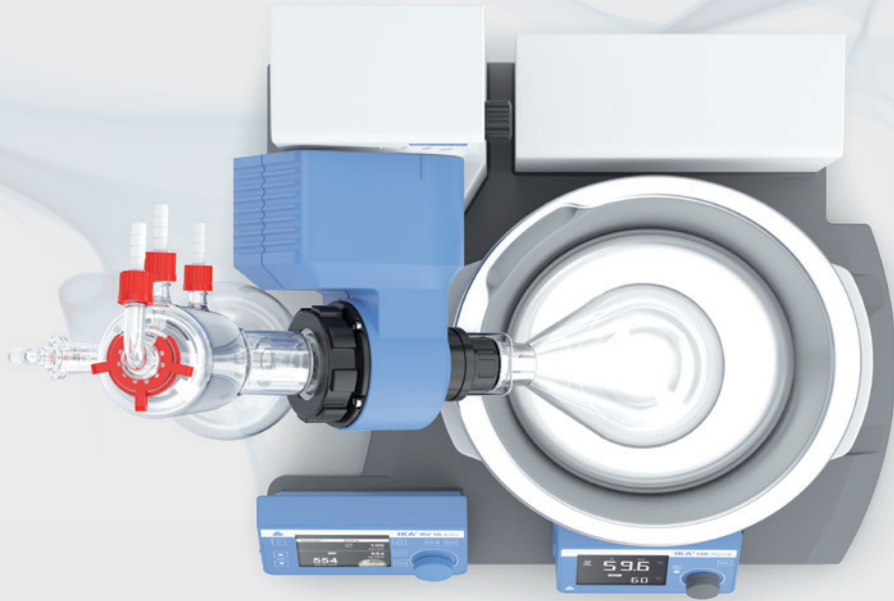
IKA heating baths are developed with a strong focus on safety. All baths are equipped with a double jacket to protect against burns and a safety temperature monitor prevents overheating of the bath. After turning on the unit, the safety functions are automatically checked.

HB DIGITAL

/// Enlarged volume

The universal heating bath HB digital has a volume of 4 liters and is especially designed to work with our rotary evaporators. Apart from that, the unit can be operated as a stand-alone device for applications within preparative chemistry.

It is easily operated by a push-button and a key switch locks temperature settings to prevent unintentional adjustments. Due to its ergonomic handles the device can be moved effortlessly within the laboratory. Its safety circuit is adjustable.



HB eco

USD 1,669 | MYR 7,177
Ident. No. 0020016337



HB digital

USD 2,077 | MYR 8,932
Ident. No. 0020016334



Heating temperature up to 180 °C

HBR 4 control

USD 6,265 | MYR 26,940
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	USD 1,138	MYR 4,894
ACCESSORIES HBR 4 CONTROL				
H 240	Ring set	0002858700	USD 880	MYR 3,784
H 159	Intermediate bottom	0001809700	USD 402	MYR 1,729

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
USD 2,432 | MYR 10,458
Ident. No. 0020117172



/// INCUBATOR SHAKER

INC 125 FS digital (SP20)
USD 6,023 | MYR 25,899
Ident. No. 0020117221

INC 125 FS digital (SP25)
USD 6,023 | MYR 25,899
Ident. No. 0020117230



INC 125 FC digital Incubator cooled
USD 4,499 | MYR 19,346
Ident. No. 0020126186



NEW!



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

OVEN 125 basic - dry
USD 2,553 | MYR 10,978
Ident. No. 0020003215



OVEN 125 control - dry
USD 3,907 | MYR 16,801
Ident. No. 0020003990



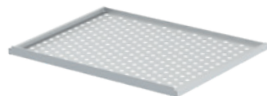
OVEN 125 basic - dry glass
USD 2,963 | MYR 12,741
Ident. No. 0020003956



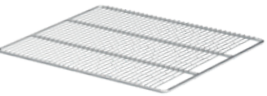
OVEN 125 control - dry glass
USD 4,290 | MYR 18,447
Ident. No. 0020003996



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



IO T 2.20



IO T 2.10



IO SP 20 / IO SP 25



AS 2.1

AS 2.4



IO F 1.20



IO B 1.10

Product	Description	Ident. No.	Price	
ACCESSORIES FOR INC 125 INCUBATOR AND INCUBATOR SHAKER				
IO T 2.20	Perforated tray	0020118202	USD 155	MYR 667
IO T 2.10	Wire grid tray	0020118621	USD 71	MYR 306
IO S 2.10	Stacking kit	0020118174	USD 77	MYR 332
Service - changing of door opening direction		0010012073	USD 145	MYR 624

ACCESSORIES FOR INC 125 F DIGITAL INCUBATOR				
IO L 2.10	Door lock	0035004372	USD 129	MYR 555

ACCESSORIES FOR INC 125 FS DIGITAL INCUBATOR SHAKER				
IO SP 20	Shaker platform with 20 mm shaking stroke	0035004555	USD 2,453	MYR 10,548
IO SP 25	Shaker platform with 25 mm shaking stroke	0020117011	USD 2,453	MYR 10,548
IO T 2.30	Drip pan	0020118266	USD 140	MYR 602
IO R 2.10	Testtube rack variable	0020125567	USD 328	MYR 1,411
STICKMAX	Universal adhesive mat	0003920000	USD 90	MYR 387
AS 2.0	Fixing clips, 10 ml	0020016475	USD 80	MYR 344
AS 2.1	Fixing clips, 25 ml	0001234300	USD 43	MYR 185
AS 2.2	Fixing clips, 50 ml	0001234400	USD 43	MYR 185
AS 2.3	Fixing clips, 100 ml	0001234500	USD 43	MYR 185
AS 2.4	Fixing clips, 200 / 250 ml	0001234600	USD 80	MYR 344
AS 2.5	Fixing clips, 500 ml	0001234700	USD 80	MYR 344
AS 2.6	Fixing clips, 1000 ml	0003819300	USD 80	MYR 344
AS 2.7	Fixing clips, 2000 ml	0020016476	USD 114	MYR 491

ACCESSORIES FOR OVEN				
IO F 1.20	Spacer frame	0035001326	USD 766	MYR 3,294
PT 100.31	Temp. sensor, stn. steel, Ø 6 mm, 265 mm	0020009564	USD 463	MYR 1,991

ACCESSORIES FOR ALL TEMPERING CHAMBERS				
IO T 1.00	Wire grid tray, chrom plated	0020024935	USD 193	MYR 830
IO T 1.10	Enhanced wire grid tray	0020007600	USD 344	MYR 1,480
IO F 1.10	Roller frame	0020007601	USD 1,201	MYR 5,165
IO B 1.10	Roller box	0020007602	USD 1,371	MYR 5,896
IO P 1.10	Table top work plate	0020007603	USD 1,454	MYR 6,253

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**

USD 4,008 | MYR 17,235
Ident. No. 0010003324

② **RV 3 V-C**

USD 4,422 | MYR 19,015
Ident. No. 0010003328

③ **RV 3 FLEX**

USD 3,732 | MYR 16,048
Ident. No. 0010003331

④ **RV 3 Dry Ice Condenser**

Price on request
Ident. No. 0010006363

⑤ **RV 3 Dry Ice Condenser, coated**

Price on request
Ident. No. 0010006362

NEW!

⑥ **RV 3 V Starter Solution**

USD 8,799 | MYR 37,836
Ident. No. 0010013945

⑦ **RV 3 pro V-C Complete**

USD 9,980 | MYR 42,914
Ident. No. 0010012324

① **RV 8 V**

USD 4,365 | MYR 18,770
Ident. No. 0010003482

② **RV 8 V-C**

USD 4,850 | MYR 20,855
Ident. No. 0010003485

③ **RV 8 FLEX**

USD 4,244 | MYR 18,250
Ident. No. 0010003488

④ **RV 8 Dry Ice Condenser**

Price on request
Ident. No. 0010006361

⑤ **RV 8 Dry Ice Condenser, coated**

Price on request
Ident. No. 0010006360

NEW!

⑥ **RV 8 V Starter Solution**

USD 9,199 | MYR 39,556
Ident. No. 0010013946

⑦ **RV 8 pro V-C Complete**

USD 10,779 | MYR 46,350
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 168/169

- 1

RV 10 digital V
USD 5,643 | MYR 24,265
Ident. No. 0010004799
- 2

RV 10 digital V-C
USD 6,394 | MYR 27,495
Ident. No. 0010004802
- 3

RV 10 digital FLEX
USD 5,365 | MYR 23,070
Ident. No. 0010004805
- 4

RV 10 digital Dry Ice Condenser
Price on request
Ident. No. 0010006365
- 5

RV 10 digital Dry Ice Condenser, coated
Price on request
Ident. No. 0010006364
- NEW!
- 6

RV 10 digital V Starter Solution
USD 10,599 | MYR 45,576
Ident. No. 0010013947
- 7

RV 10 digital pro V-C Complete
USD 11,923 | MYR 51,269
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
USD 12,176 | MYR 52,357
Ident. No. 0010004815*
- 2

RV 10 auto pro V-C
USD 13,017 | MYR 55,974
Ident. No. 0010004812*
- 3

RV 10 auto pro FLEX
USD 11,987 | MYR 51,545
Ident. No. 0010004818*
- 4

RV 10 auto pro V-C Complete
USD 15,071 | MYR 64,806
Ident. No. 0010007353
- NEW!
- 5

RV 10 auto V Starter Solution
USD 13,999 | MYR 60,196
Ident. No. 0010013954
- 6

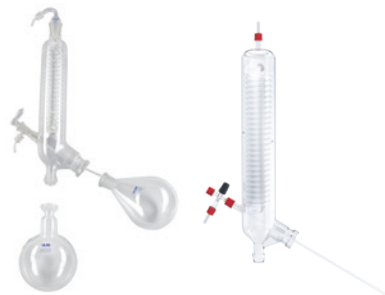
RV 10 digital pro V double Complete
USD 20,441 | MYR 87,897
Ident. No. 0010011964
- 7

RV 10 digital pro V-C double Complete
USD 21,179 | MYR 91,070
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

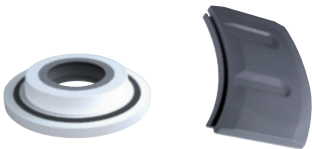
Product	Description	Ident. No.	Price	
ACCESSORIES RV 10, RV 8, RV 3				
RV 10.1	Set of glassware, vertical	0003655300	USD 1,593	MYR 6,850
RV 10.10	Set of glassware, vertical, coated	0003755400	USD 2,064	MYR 8,876
RV 10.11 enlarged surface	Vertical-condenser, enlarged surface	0020019652	USD 2,198	MYR 9,452
RV 10.110 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	USD 2,265	MYR 9,740
RV 10.2	Set of glassware, diagonal	0003755300	USD 1,584	MYR 6,812
RV 10.20	Set of glassware, diagonal, coated	0003755500	USD 2,056	MYR 8,841
RV 10.3	Vertical-intensive condenser, manifold	0003741000	USD 2,132	MYR 9,168
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	USD 2,987	MYR 12,845
RV 10.4	Dry ice condensor	0003742000	USD 2,206	MYR 9,486
RV 10.40	Dry ice condensor, coated	0003742100	USD 2,516	MYR 10,819
RV 10.5	Vertical-condenser, reflux	0003743000	USD 2,516	MYR 10,819
RV 10.50	Vertical-condenser, reflux, coated	0003743100	USD 2,760	MYR 11,868
RV 10.6	Vertical-intensive condenser, reflux	0003744000	USD 2,763	MYR 11,881
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	USD 3,222	MYR 13,855
RV 05.10	Balljoint clamp	0000736600	USD 54	MYR 233
RV 10.88	Clamp, NS 29	0003683300	USD 31	MYR 134
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	USD 1,028	MYR 4,421
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	USD 1,172	MYR 5,040
RV 10.500	Foam brake, NS 29/32	0003739200	USD 242	MYR 1,041
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	USD 878	MYR 3,776
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	USD 1,499	MYR 6,446
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	USD 2,121	MYR 9,121
RV 10.610	Distilling sleeve, 20 ml	0003919400	USD 26	MYR 112
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	USD 1,170	MYR 5,031
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	USD 1,246	MYR 5,358
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	USD 51	MYR 220
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	USD 137	MYR 590
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	USD 51	MYR 220
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	USD 137	MYR 590
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	USD 96	MYR 413
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	USD 257	MYR 1,106
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	USD 102	MYR 439
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	USD 268	MYR 1,153
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	USD 144	MYR 620
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	USD 299	MYR 1,286
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	USD 164	MYR 706
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	USD 426	MYR 1,832
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	USD 358	MYR 1,540
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	USD 655	MYR 2,817
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	USD 57	MYR 246
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	USD 57	MYR 246



RV 10.103



RV 10.74



RV 10.8001
RV 10.3000

Product	Description	Ident. No.	Price	
ACCESSORIES RV 3, RV 8, RV 10				
RV 10.100	Receiving flask, KS 35/20, 100 ml	0003742200	USD 91	MYR 392
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	USD 91	MYR 392
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	USD 97	MYR 418
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	USD 144	MYR 620
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	USD 167	MYR 719
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	USD 355	MYR 1,527
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	USD 291	MYR 1,252
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	USD 291	MYR 1,252
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	USD 291	MYR 1,252
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	USD 291	MYR 1,252
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	USD 498	MYR 2,142
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	USD 713	MYR 3,066
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	USD 237	MYR 1,020
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	USD 254	MYR 1,093
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	USD 315	MYR 1,355
RV 10.70	Vapor tube, NS 29/32	0003812200	USD 163	MYR 701
RV 10.74	Vapor tube, short, NS 29/32	0003971700	USD 140	MYR 602
RV 10.8001	Seal, PTFE, stn. steel	0003907000	USD 175	MYR 753
RV 10.3000	Extension plate	0003859000	USD 349	MYR 1,501

ACCESSORIES RV 3

RV 3.1	Support pole	0025004587	USD 172	MYR 740
RV 3.4	Woulff bottle	0025004588	USD 238	MYR 1,024
RV 10.5005	Hose kit	0020000552	USD 162	MYR 697

ACCESSORIES RV 8

RV 8.1	Support pole	0004438500	USD 178	MYR 766
RV 8.2	Mechanical end stop for RV 8	0025001342	USD 91	MYR 392
RV 8.3	Stand pole	0025004707	USD 195	MYR 839
RV 10.5005	Hose kit	0020000552	USD 162	MYR 697

ACCESSORIES VALVE RV 10 AUTO

RV 10.5002	Filter	0003903800	USD 114	MYR 491
RV 10.5003	Pressure regulating valve	0003907100	USD 492	MYR 2,116



RV 3.1
RV 3.4



RV 10.5002
RV 10.5003

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

The clearest display in its class

IKA G-L

/// The universal midi centrifuge

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

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

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

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



Watch G-L video



mini G
USD 428 | MYR 1,841
Ident. No. 0003958000*



*Adapters included in delivery

IKA G-L
USD 1,365 | MYR 5,870
Ident. No. 0030000774**



**2 ml rotor set included in delivery

Product	Ident. No.	Price	
ACCESSORIES IKA MINI G			
Rotor 4 x HPLC	0020022341	USD 66	MYR 284

ACCESSORIES IKA G-L			
PCR Set	0030001345	USD 349	MYR 1,501
Adapter PCR tube	0030001346	USD 17	MYR 73.5
Adapter 0.5 ml tube	0030001347	USD 17	MYR 73.5
Adapter 0.4 ml tube	0030001334	USD 17	MYR 73.5
2 ml rotor set	0030001333	USD 370	MYR 1,591

IKA G-L, PCR Set



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

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



▶ Watch PETTE video

PETTE multi

/// Multichannel pipettes for precise results

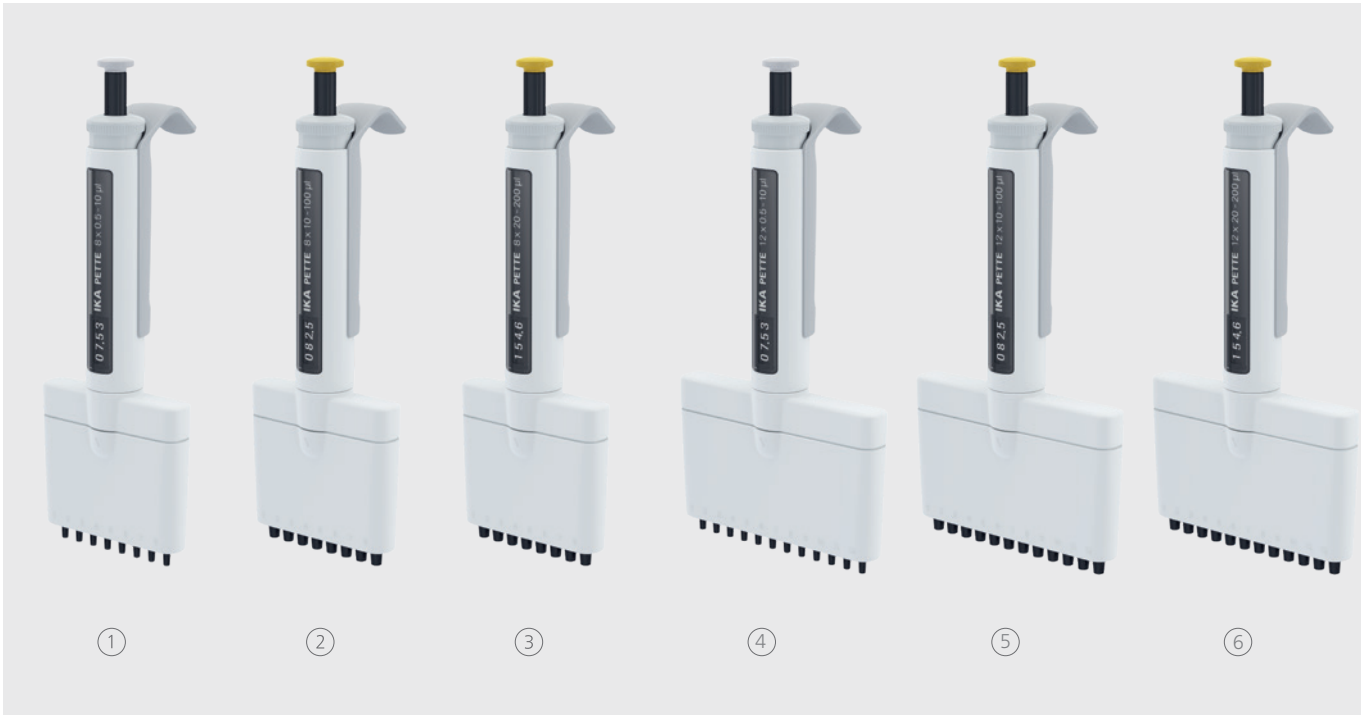
PETTE multi: the multichannel pipette from IKA for easy pipetting in microtiter or deep well plates. Based on the ergonomic PETTE fix and vario single channel pipettes, it combines all the positive features with multiple channels and variable volumes.

ERGONOMIC DESIGN

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

DURABLE CONSTRUCTION

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



- PETTE multi
8 Channel

① **PETTE multi**
8 × 0.5 – 10 µl
USD 741 | MYR 3,187
Ident. No. 0020017943

② **PETTE multi**
8 × 10 – 100 µl
USD 741 | MYR 3,187
Ident. No. 0020017944

③ **PETTE multi**
8 × 20 – 200 µl
USD 741 | MYR 3,187
Ident. No. 0020017945

- PETTE multi
12 Channel

④ **PETTE multi**
12 × 0.5 – 10 µl
USD 835 | MYR 3,591
Ident. No. 0020017946

⑤ **PETTE multi**
12 × 10 – 100 µl
USD 835 | MYR 3,591
Ident. No. 0020017947

⑥ **PETTE multi**
12 × 20 – 200 µl
USD 835 | MYR 3,591
Ident. No. 0020017948

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



- ① **PETTE fix 5 µl**
USD 160 | MYR 688
Ident. No. 0020011219

② **PETTE fix 10 µl**
USD 160 | MYR 688
Ident. No. 0020011220

③ **PETTE fix 20 µl**
USD 160 | MYR 688
Ident. No. 0020011221

④ **PETTE fix 25 µl**
USD 160 | MYR 688
Ident. No. 0020011222

⑤ **PETTE fix 50 µl**
USD 160 | MYR 688
Ident. No. 0020011223

- ⑥ **PETTE fix 100 µl**
USD 160 | MYR 688
Ident. No. 0020011224

⑦ **PETTE fix 200 µl**
USD 160 | MYR 688
Ident. No. 0020011225

⑧ **PETTE fix 250 µl**
USD 160 | MYR 688
Ident. No. 0020011226

⑨ **PETTE fix 500 µl**
USD 160 | MYR 688
Ident. No. 0020011227

⑩ **PETTE fix 1000 µl**
USD 160 | MYR 688
Ident. No. 0020011228

	PETTE FIX	MAX. VOLUME TIP
①	5 µl	10 µl
②	10 µl	10 µl
③	20 µl	200 µl
④	25 µl	200 µl
⑤	50 µl	200 µl
⑥	100 µl	200 µl
⑦	200 µl	200 µl
⑧	250 µl	1000 µl
⑨	500 µl	1000 µl
⑩	1000 µl	1000 µl



- ① **PETTE vario 0.1 – 2 µl**
USD 300 | MYR 1,290
Ident. No. 0020011210

② **PETTE vario 0.5 – 10 µl**
USD 300 | MYR 1,290
Ident. No. 0020011211

③ **PETTE vario 2 – 20 µl**
USD 300 | MYR 1,290
Ident. No. 0020011213

④ **PETTE vario 10 – 100 µl**
USD 300 | MYR 1,290
Ident. No. 0020011214

- ⑤ **PETTE vario 20 – 200 µl**
USD 300 | MYR 1,290
Ident. No. 0020011215

⑥ **PETTE vario 100 – 1000 µl**
USD 300 | MYR 1,290
Ident. No. 0020011216

⑦ **PETTE vario 0.5 – 5 ml**
USD 300 | MYR 1,290
Ident. No. 0020011217

⑧ **PETTE vario 1 – 10 ml**
USD 300 | MYR 1,290
Ident. No. 0020011218

	PETTE VARIO	MAX. VOLUME TIP
①	0.1 – 2 µl	10 µl
②	0.5 – 10 µl	10 µl
③	2 – 20 µl	200 µl
④	10 – 100 µl	200 µl
⑤	20 – 200 µl	200 µl
⑥	100 – 1000 µl	1000 µl
⑦	0.5 – 5 ml	5 ml
⑧	1 – 10 ml	10 ml

IKA PETTE MicroKit A

USD 795 | MYR 3,419
Ident. No. 0010007638



IKA PETTE MicroKit B

USD 795 | MYR 3,419
Ident. No. 0010007639



IKA PETTE Classic Kit

USD 795 | MYR 3,419
Ident. No. 0010013011



IKA PETTE MacroKit

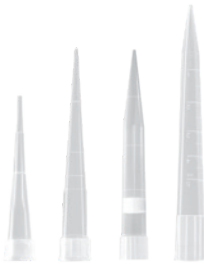
USD 828 | MYR 3,561
Ident. No. 0010014029



PETTE MicroKit A	PETTE MicroKit B	PETTE Classic Kit	PETTE MacroKit
PETTE vario 0.1 – 2 µl	PETTE vario 0.1 – 2 µl	PETTE vario 2 – 20 µl	PETTE vario 100 – 1000 µl
PETTE vario 0.5 – 10 µl	PETTE vario 2 – 20 µl	PETTE vario 20 – 200 µl	PETTE vario 0.5 – 5 ml
PETTE vario 10 – 100 µl	PETTE vario 20 – 200 µl	PETTE vario 100 – 1000 µl	PETTE vario 1 – 10 ml
LINEA Pipette rack	LINEA Pipette rack	LINEA Pipette rack	LINEA Pipette rack
Tip xs box	Tip xs box	Tip s box	IKA Tip 1000 µl box
Tip s box	Tip s box	IKA Tip 1000 µl box	Tip l box
			Tip xl box



RONDA



Universal fit
pipette tips



IKA Tip 1000 µl box

Product	Description	Ident. No.	Price	
ACCESSORIES				
LINEA	Pipette rack	0020018987	USD 99	MYR 426
RONDA	Carousel stand for up to 6 pipettes	0020107134	USD 141	MYR 607
Tip 10 µl bag	Pipette tip, 10 µl, transparent, 1000 pcs.	0020114634	USD 21	MYR 90.5
IKA Tip 10 µl box	Pipette tip, 10 µl, transparent, 960 pcs.	0020116857	USD 83	MYR 357
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	USD 277	MYR 1,192
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	USD 215	MYR 925
Tip 200 µl bag	Pipette tip, 200 µl, transparent, 1000 pcs.	0020114635	USD 16	MYR 69
IKA Tip 200 µl box	Pipette tip, 200 µl, transparent, 960 pcs.	0020116858	USD 83	MYR 357
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	USD 107	MYR 461
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	USD 122	MYR 525
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	USD 277	MYR 1,192
IKA Tip 1000 µl bag	Pipette tip, 1000 µl, transparent, 1000 pcs.	0020114636	USD 16	MYR 69
IKA Tip 1000 µl box	Pipette tip, 1000 µl, transparent, 600 pcs.	0020116859	USD 65	MYR 280
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	USD 215	MYR 925
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	USD 294	MYR 1,265
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	USD 154	MYR 663
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	USD 307	MYR 1,321
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	USD 185	MYR 796
PETTE.GR.1	Pipette grease, 1 g	0020017692	USD 4	MYR 17.2
PETTE.GR.45	Pipette grease, 45 g	0020119238	USD 115	MYR 495
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	USD 53	MYR 228
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	USD 53	MYR 228



SOFTWARE
Pipette Calibration Software
USD 405 | MYR 1,742
Ident. No. 0020022141

Free 30 day trial
available

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

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

EasySyn reactor system

/// The reactor system for chemical synthesis



> Check Configurator



EVERYTHING FROM ONE HAND

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

WIDE RANGE OF APPLICATIONS

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

ERGONOMIC AND SAFE

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

① **EasySyn 500 Starter Reactor System**
USD 9,236 | MYR 39,715
Ident. No. 0020113433



① **EasySyn 2000 Starter Reactor System**
USD 10,511 | MYR 45,198
Ident. No. 0020113438



② **EasySyn 1000 Starter Reactor System**
USD 9,389 | MYR 40,373
Ident. No. 0020113435

② **EasySyn 5000 Starter Reactor System**
USD 10,996 | MYR 47,283
Ident. No. 0020113442

① **EasySyn 500 Advanced Reactor System**
USD 12,273 | MYR 52,774
Ident. No. 0020113434



① **EasySyn 2000 Advanced Reactor System**
USD 13,549 | MYR 58,261
Ident. No. 0020113440



② **EasySyn 1000 Advanced Reactor System**
USD 12,426 | MYR 53,432
Ident. No. 0020113436

② **EasySyn 5000 Advanced Reactor System**
USD 14,035 | MYR 60,351
Ident. No. 0020113443

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

Further package information on page 174



Product	Description	Ident. No.	Price	
ACCESSORIES EASYSYN				
SY 100	Reactor vessels 100 ml	0020126921	USD 1,490	MYR 6,407
SY 100 D	Reactor vessels 100 ml with bottom discharge	0020126922	USD 3,635	MYR 15,631
SY 250	Reactor vessels 250 ml	0020126923	USD 1,518	MYR 6,528
SY 250 D	Reactor vessels 250 ml with bottom discharge	0020126920	USD 2,625	MYR 11,288
SY 500	Reactor vessels 500 ml	0020113459	USD 1,785	MYR 7,676
SY 500 D	Reactor vessels 500 ml with bottom discharge	0020113460	USD 3,317	MYR 14,264
SY 1000	Reactor vessels 1000 ml	0020113461	USD 1,916	MYR 8,239
SY 1000 D	Reactor vessels 1000 ml with bottom discharge	0020113462	USD 3,550	MYR 15,265
SY 2000	Reactor vessels 2000 ml	0020113463	USD 3,042	MYR 13,081
SY 2000 D	Reactor vessels 2000 ml with bottom discharge	0020113464	USD 4,738	MYR 20,374
SY 5000	Reactor vessels 5000 ml	0020113465	USD 3,561	MYR 15,313
SY 5000 D	Reactor vessels 5000 ml with bottom discharge	0020113466	USD 5,434	MYR 23,367
SY 100.1	Reactor lid DN 100	0020113649	USD 697	MYR 2,998
SY 100.2	Reactor lid DN 100	0020116965	USD 1,021	MYR 4,391
SY 150.1	Reactor lids DN 150	0020113660	USD 985	MYR 4,236
SY 150.2	Reactor lids DN 150	0020113661	USD 1,235	MYR 5,311
R 4011 SY	Propeller stirrer, PTFE, 400 mm	0020114111	USD 435	MYR 1,871
R 4012 SY	Propeller stirrer, PTFE, 480 mm	0020114112	USD 470	MYR 2,021
R 4013 SY	Propeller stirrer, PTFE, 530 mm	0020114113	USD 522	MYR 2,245
R 4021 SY	Anchor stirrer, PTFE, 410 mm	0020114114	USD 522	MYR 2,245
R 4022 SY	Anchor stirrer, PTFE, 530 mm	0020114115	USD 575	MYR 2,473
LT 5.40	Draining set for Reactor system	0020113266	USD 3,167	MYR 13,619
SY stand	Stand system	0020103316	USD 5,462	MYR 23,487
SY clamp 100	Vessel clamp DN 100	0020105944	USD 1,131	MYR 4,864
SY clamp ring 100	Clamp ring DN 100	0020113866	USD 171	MYR 736
SY O-ring 100	O-Ring DN 100	0020113867	USD 84	MYR 362
SY guide	Stirrer guide	0020109139	USD 522	MYR 2,245
SY clamp 150	Clamp ring DN 150	0020105879	USD 1,305	MYR 5,612
SY clamp ring 150	Clamp ring DN 150	0020113868	USD 195	MYR 839
SY O-ring 150	O-Ring DN 150	0020113869	USD 106	MYR 456



Product	Description	Ident. No.	Price	
ACCESSORIES EASYSYN				
SY NS.6	Swivelling screw fitting 6 mm	0020113165	USD 221	MYR 951
SY NS.8	Swivelling screw fitting 8 mm	0020113164	USD 204	MYR 878
SY NS.12	Swivelling screw fitting 12 mm	0020113163	USD 204	MYR 878
LT 5.30	Tempering hose 800 mm	0020108012	USD 1,015	MYR 4,365
LT 5.31	Tempering hose 1200 mm	0020110278	USD 1,129	MYR 4,855
LT 5.32	Tempering hose 1600 mm	0020113271	USD 1,240	MYR 5,332
PT 100.300	Temperature sensor 300 mm	0020114304	USD 564	MYR 2,426
PT 100.500	Temperature sensor 500 mm	0020114305	USD 611	MYR 2,628
SY pH 325	pH-Electrode 325 mm	0020114414	USD 1,251	MYR 5,380
SY pH 425	pH-Electrode 425 mm	0020114415	USD 1,331	MYR 5,724
SY C1	Reflux condenser	0020113927	USD 243	MYR 1,045
SY VC	Vacuum cock NS 14/23	0001970900	USD 162	MYR 697
SY OB 14	Oil bubbler, NS 14/23	0020129851	USD 200	MYR 860
SY OB 29	Oil bubbler, NS 29/32	0020129852	USD 204	MYR 878
SY SP 500	Sparger for 500 ml reactor vessel	0020129798	USD 198	MYR 852
SY SP 1000	Sparger for 1000 ml reactor vessel	0020129799	USD 203	MYR 873
SY SP 2000	Sparger for 2000 ml reactor vessel	0020129800	USD 205	MYR 882
SY SP 5000	Sparger for 5000 ml reactor vessel	0020129801	USD 214	MYR 921
SY BDV PT 100	Bottom discharge valve with integrated temperature sensor	0020121894	USD 1,151	MYR 4,950
H 71.32*	Temperature sensor 320 mm	0020117772	USD 593	MYR 2,550
H 71.45*	Temperature sensor 450 mm	0020118833	USD 643	MYR 2,765
R 270.extension	Extension for R 270	0020007927	USD 78	MYR 336

* For connection to a EUROSTAR control overhead stirrer

LR 1000 basic System

USD 12,263 | MYR 52,731
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

USD 17,888 | MYR 76,919
Ident. No. 0025001991

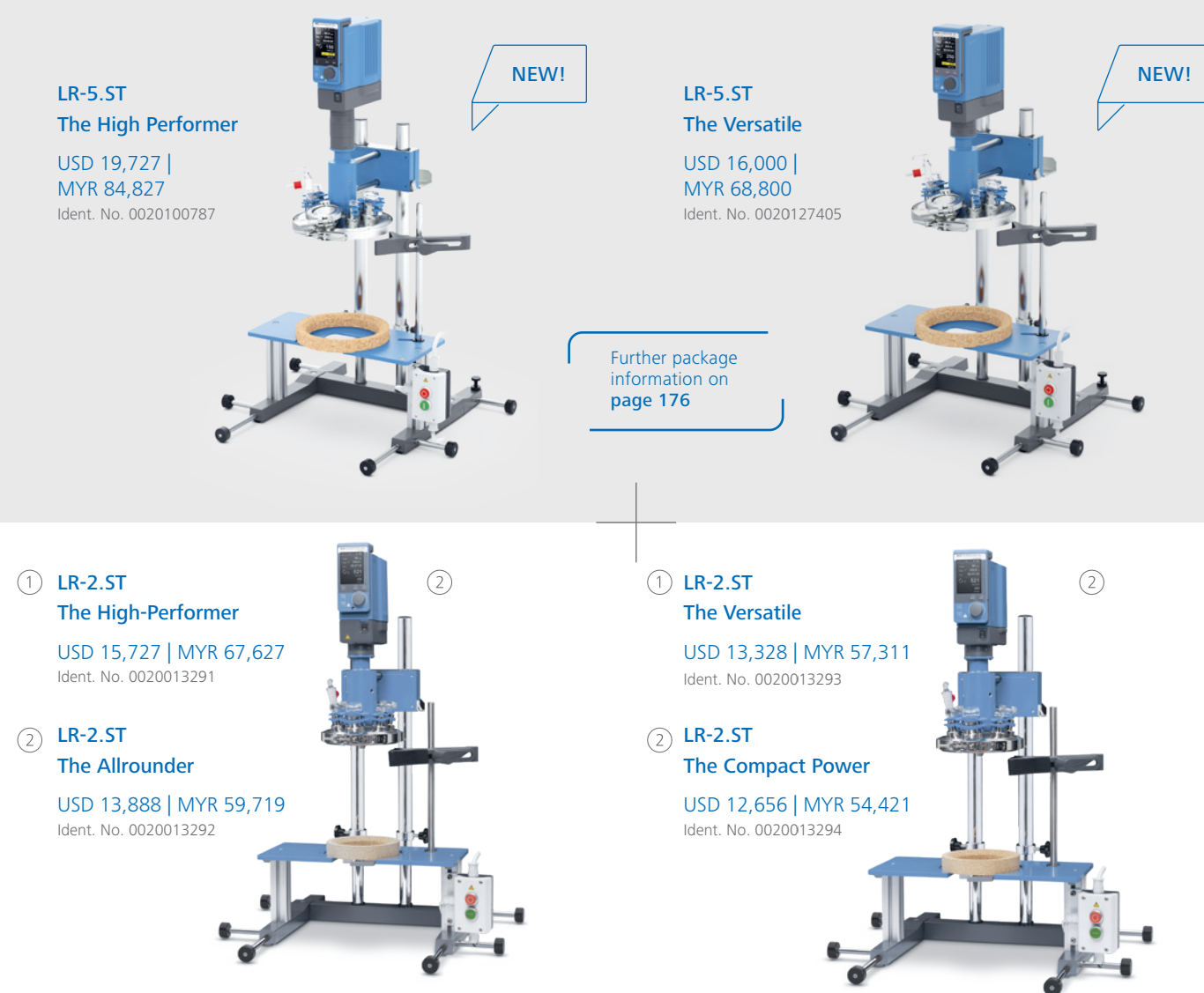
Weighing range:
max. 2 kg



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

Product	Description	Ident. No.	Price	
ACCESSORIES LR 1000				
WiCo LR 1000	Wireless controller	0020007267	USD 1,055	MYR 4,537
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	USD 6,614	MYR 28,441
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	USD 7,251	MYR 31,180
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	USD 939	MYR 4,038
LR 1000.11	Anchor stirrer, stainless steel	0004663000	USD 492	MYR 2,116
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	USD 653	MYR 2,808
LR 1000.40	Shaft receptacle FFKM	0025001950	USD 810	MYR 3,483
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	USD 919	MYR 3,952
LR 1000.61	Temperature sensor receptacle	0004664400	USD 885	MYR 3,806
LR 1000.62	Sensor receptacle GL 14	0020010508	USD 562	MYR 2,417
LR 1000.64	pH electrode	0004663300	USD 2,158	MYR 9,280
LR 1000.65	pH electrode receptacle	0004663400	USD 1,760	MYR 7,568
LR 1000.70	Lid holder	0025003123	USD 439	MYR 1,888
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	USD 535	MYR 2,301
Holder MV 1	Holder for cooling water control valve	0020019816	USD 320	MYR 1,376





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



LR-2.5.ST Conversion kit
USD 4,999 | MYR 21,496
Ident. No. 0020105485

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

LR-2.5T STARVISC 200

```
/// Stirs and displays viscosity
```

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

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



LR-2.ST STARVISC 200
USD 22,632 | MYR 97,318
Ident. No. 0020020603

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

LR-2.ST STARVISC 200
Package

STARVISC 200-2.5 control
Measuring stirrer

LR2.10 Reactor cover

LR-2.SI Safety disconnection

LR-2.ST Stand system



Product	Description	Ident. No.	Price	
ACCESSORIES LR-2.ST				
LR-2.SI	Safety stop	0003318300	USD 1,626	MYR 6,992
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	USD 2,499	MYR 10,746
LR 2000.11	Anchor stirrer, stainless steel	0002509500	USD 1,141	MYR 4,907
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	USD 1,150	MYR 4,945
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	USD 1,472	MYR 6,330
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	USD 5,651	MYR 24,300
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	USD 7,320	MYR 31,476
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	USD 8,646	MYR 37,178
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	USD 14,080	MYR 60,544
ACCESSORIES LR-5.ST				
LR 5000.10	Anchor stirrer with PEEK scraper	0020125444	USD 2,450	MYR 10,535
LR 5000.11	Anchor stirrer	0020129362	USD 1,194	MYR 5,135
LR 5000.1	Glass reactor vessel, double-walled, 5000 ml	0020125443	USD 6,259	MYR 26,914
LR 5000.2	Glass reactor vessel, double-walled, bot.drain, 5000 ml	0020127389	USD 7,855	MYR 33,777
LR 5000.3	Stainless steel reactor vessel, double-walled, 5000 ml	0020128802	USD 8,481	MYR 36,469
LR 5000.4	Stainless steel reactor vessel, double-walled, bot.drain, 5000 ml	0020128770	USD 13,554	MYR 58,283
LR 5000.20	Flow breaker / baffle, stn. steel	0020125445	USD 1,095	MYR 4,709
LR 5000.40	Shaft receptacle	0020125446	USD 968	MYR 4,163
LR 5000.65	pH electrode receptacle	0020127514	USD 1,416	MYR 6,089
LR 5000.12	Propeller stirrer	0020127380	USD 1,184	MYR 5,092
LR 5000.92	Funnel for LR-5.ST	0020130428	USD 1,470	MYR 6,321
S 25 KD - LR - 30 G	Dispersing element, Ø 30 mm	0020127971	USD 2,715	MYR 11,675
S 25 KD - LR - 30 F	Dispersing element, Ø 30 mm	0020127970	USD 2,829	MYR 12,165



Product	Description	Ident. No.	Price	
ACCESSORIES LR-2.ST / LR-5.ST				
LR 2000.40	Shaft receptacle	0002509200	USD 1,031	MYR 4,434
LR 2000.60	Sensor receptacle	0002509300	USD 1,031	MYR 4,434
LR 2000.64	pH process electrode	0020010075	USD 1,972	MYR 8,480
LR 2000.65	pH measuring sensor receptacle	0003172600	USD 1,762	MYR 7,577
LR-2.SP	Splinter shield	0003326400	USD 780	MYR 3,354
LT 5.23 M 16	Adapter G1/4 m - M16x1 m	0020106236	USD 229	MYR 985
LT 5.25 200C	Lock coupling 200 °C	0020120795	USD 669	MYR 2,877
LT 5.26 200C	Lock adapter 200 °C	0020120796	USD 539	MYR 2,318
LT 5.25 M16	Lock coupling M 16x1	0025006987	USD 949	MYR 4,081
LT 5.27	Hose adapter set	0020000880	USD 920	MYR 3,956
LT 5.28	Pressure control valve	0020100227	USD 299	MYR 1,286
H 68.55	Temp. sensor, stn. steel, Ø 6 mm	0025007921	USD 426	MYR 1,832
LR-2.5.ST	Conversion kit, LR-2.ST to LR-5.ST	0020105485	USD 4,999	MYR 21,496
HBR 4 control LR	Heating bath, 4 l	0010001849	USD 6,499	MYR 27,946
PT 1000.61	Temperature sensor, stn. steel, Ø 6 mm	0020009881	USD 449	MYR 1,931
ACCESSORIES REACTOR SYSTEM				
T 25 digital LR	Dispenser	0020008820	USD 3,093	MYR 13,300
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	USD 4,056	MYR 17,441
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	USD 3,903	MYR 16,783
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	USD 2,975	MYR 12,793
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	USD 2,953	MYR 12,698
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	USD 3,036	MYR 13,055
S 25 KD - LR - 30 G	Dispersing element, Ø 30 mm	0020127971	USD 2,715	MYR 11,675
S 25 KD - LR - 30 F	Dispersing element, Ø 30 mm	0020127970	USD 2,829	MYR 12,165

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

USD 6,855 | MYR 29,477
Ident. No. 0020019397

labworldsoft® 6 Starter Update

USD 1,371 | MYR 5,896
Ident. No. 0020019398

labworldsoft® 6 Advanced

USD 11,586 | MYR 49,820
Ident. No. 0020105873

labworldsoft® 6 Advanced Update

USD 2,318 | MYR 9,968
Ident. No. 0020105874

labworldsoft® 6 Starter Upgrade

USD 8,791 | MYR 37,802
Ident. No. 0020019399

labworldsoft® 6 Pro

USD 15,647 | MYR 67,283
Ident. No. 0020017366

labworldsoft® 6 Pro Update

USD 3,130 | MYR 13,459
Ident. No. 0020018014



Expert Key 100 eco

Expert Key 100C



ETH SER 4



PCI 8.2

C 6040 CalWin

USD 4,032 | MYR 17,338
Ident. No. 0004040500

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

Product	Description	Ident. No.	Price	
Expert Key 100 eco	Data collection system for laboratories	0020005486	USD 7,388	MYR 31,769
Expert Key 100 pro	Data collection system for industries	0020005485	USD 7,810	MYR 33,583
Multi power switch	Switchable multiple connection plug board	0020003454	USD 165	MYR 710
MV 1 power plug	Cooling water valve with power plug	0010001655	USD 922	MYR 3,965
RV 10 A 1	Adapter valve for Expert Key	0020004314	USD 117	MYR 504
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	USD 123	MYR 529
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	USD 154	MYR 663
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	USD 65	MYR 280
PC 1.1	Cable, L 3 m	0002616700	USD 219	MYR 942
PC 1.3	Cable, L 1.5 m	0025005322	USD 52	MYR 224
PC 1.5	Cable, L 2.5 m	0002756000	USD 214	MYR 921
PC 2.1	Cable, L 5 m	0002700700	USD 205	MYR 882
PC 3.1	Cable, L 3 m, 9 pins (F), 15 pins (M)	0020122152	USD 84	MYR 362
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	USD 199	MYR 856
USB A-B cable	USB A-B cable	0004220200	USD 9	MYR 39
DTM 12.10	Data cable, L 2.5 m, 9 pins (F)	0003127800	USD 857	MYR 3,686
PC 1.2	Adapter, 25 pins	0002616800	USD 254	MYR 1,093
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	USD 163	MYR 701
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	USD 134	MYR 577
PCI 8.2	Plug-in card, 25 pins	0008017500	USD 2,900	MYR 12,470
USB SER 4	USB-serial converter 4 ports	0020003456	USD 531	MYR 2,284
USB SER 8	USB-serial converter 8 ports	0020018480	USD 911	MYR 3,918
USB SER 16	USB-serial converter 16 ports	0020018736	USD 1,576	MYR 6,777
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	USD 133	MYR 572
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	USD 250	MYR 1,075
USB ISO	USB isolator	0020101935	USD 249	MYR 1,071
ETH SER 4	Ethernet-serial converter 4 ports	0003192000	USD 2,980	MYR 12,814
ETH SER 8	Ethernet-serial converter 8 ports	0020021350	USD 2,075	MYR 8,923
ETH SER 16	Ethernet-serial converter 16 ports	0020021351	USD 3,154	MYR 13,563

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

C 6000

/// An evolution in calorimetry

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



C 1 Package 1/10

Price on request
Ident. No. 0010005633

C 1 Package 2/10

Price on request
Ident. No. 0010005634

C 1 Package 3/10

Price on request
Ident. No. 0010005635

C 1 Package 1/12

Price on request
Ident. No. 0010005636

C 1 Package 2/12

Price on request
Ident. No. 0010005637

C 1 Package 3/12

Price on request
Ident. No. 0010005638



C 200

Price on request
Ident. No. 0008802500

C 200 h

Price on request
Ident. No. 0008803700

C 200 auto

Price on request
Ident. No. 0010002379

C 200 h auto

Price on request
Ident. No. 0010002387

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



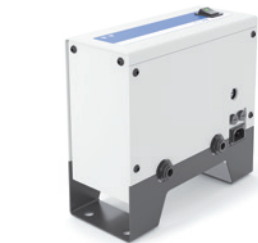
Further package
information on
page 165

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

Product	Description	Ident. No.	Price	
ACCESSORIES AND CONSUMABLES C 1				
C 1/10	Food add on Package for C 1	0010001917	USD 7,898	MYR 33,962
C 1.20	Water heater	0004501000	USD 2,168	MYR 9,323
C 1.10	Combustion chamber	0004500300	USD 847	MYR 3,643
C 1.12	Combustion chamber, halogen resistant	0004500400	USD 4,772	MYR 20,520
C 1.50	Dot matrix printer	0004500600	USD 2,195	MYR 9,439
C 1.30	Venting station	0004500900	USD 3,515	MYR 15,115
C 1.1012	Organizer	0004500700	USD 313	MYR 1,346
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	USD 649	MYR 2,791
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	USD 998	MYR 4,292
C 1.103	Ignition wire, Kanthal, 5 pcs.	0004579300	USD 88	MYR 379
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	USD 280	MYR 1,204

ACCESSORIES AND CONSUMABLES C 6000

C 6010	Decomposition vessel, standard	0003770000	USD 5,046	MYR 21,698
C 6012	Decomposition vessel, halogen resistant	0004504000	USD 10,092	MYR 43,396
C 6010 HE	Standard decomposition vessel with hastelloy electrodes	0020007660	USD 5,368	MYR 23,083
C 6010.10	Combustion shield	0020007518	USD 182	MYR 783
C 1.50	Dot matrix printer	0004500600	USD 2,195	MYR 9,439
C 6030	Venting station	0004504100	USD 4,143	MYR 17,815
C 60.1012	Organizer	0004504200	USD 436	MYR 1,875
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	USD 1,857	MYR 7,986
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	USD 4,719	MYR 20,292
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	USD 88	MYR 379
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	USD 280	MYR 1,204

ACCESSORIES ALL CALORIMETERS

C 27	Calorimeter preparation set	0004579700	USD 191	MYR 822
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	USD 1,663	MYR 7,151
C 29 (BS341-3)	Pressure regulator, oxygen	0020101322	USD 1,663	MYR 7,151
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	USD 1,663	MYR 7,151
C 21	Pelleting press	0001605300	USD 5,730	MYR 24,639
C 5010.8	Crucible holder, small	0004579800	USD 328	MYR 1,411
C 5010.5	Crucible holder, big	0003055900	USD 414	MYR 1,781



C 21



C 200.RC



C 248

Product	Description	Ident. No.	Price	
ACCESSORIES C 200				
C 200.RC	Set of hoses	0020010835	USD 994	MYR 4,275
C 248	Oxygen station	0003520000	USD 1,840	MYR 7,912
C 200.1	Measuring cup, 2000 ml	0003548900	USD 106	MYR 456
C 200.2	Conversion kit for C 5012	0004028800	USD 349	MYR 1,501

ACCESSORIES C 200, C 2000, C 5000

C 5010	Decomposition vessel	0020128010	USD 7,624	MYR 32,784
C 5012	Decomposition vessel, halogen resistant	0020128160	USD 17,040	MYR 73,272
C 5010 HE	Standard decomposition vessel with hastelloy electrodes	0020130769	on request	on request
C 5030	Venting station	0007198000	USD 4,252	MYR 18,284
C 5010.4	Attachment for combustible crucible C 14	0003016900	USD 538	MYR 2,314
C 26	Prep stand	0008804000	USD 347	MYR 1,493



C 5010

ACCESSORIES C 2000, C 5000, C 6000

C 5020	Sample rack	0007145000	USD 11,992	MYR 51,566
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C 5020

ACCESSORIES C 2000, C 5000, C 7000

C 5041.10	Connection cable	0003036000	USD 90	MYR 387
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ACCESSORIES C 1, C 2000, C 6000

C 25	Pressure regulating valve	0003197200	USD 757	MYR 3,256
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ACCESSORIES C 7000

C 7000	Measurement cell	0003008000	USD 43,260	MYR 186,018
C 7010	Decomposition vessel, standard	0003015000	USD 6,467	MYR 27,809
C 7012	Decomposition vessel, halogen resistant	0003017000	USD 12,594	MYR 54,155
C 7002	Cooling system	0007011000	USD 16,549	MYR 71,161
C 48	Oxygen station	0001560000	USD 5,495	MYR 23,629
C 7030	Venting station	0003013300	USD 3,074	MYR 13,219
C 7010.8	Venting handle	0007095000	USD 694	MYR 2,985
C 5010.4	Attachment for combustible crucible C 14	0003016900	USD 538	MYR 2,314
C 5010.5	Crucible holder, big	0003055900	USD 414	MYR 1,781



C 48



C 7010.8



C 5010.4



C 5010.5



Product	Description	Ident. No.	Price	
CONSUMABLES ALL CALORIMETERS				
C 6000.1*	Water protect, 100 ml	0020014031	USD 183	MYR 787
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	USD 106	MYR 456
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	USD 66	MYR 284
C 4	Quartz dish	0001695500	USD 103	MYR 443
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	USD 374	MYR 1,609
C 6	Quartz dish, big	0000355100	USD 106	MYR 456
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	USD 593	MYR 2,550
C 9	Gelatine capsules, 100 pcs.	0000749900	USD 106	MYR 456
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	USD 250	MYR 1,075
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	USD 123	MYR 529
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	USD 123	MYR 529
C 15	Parafilm strips	0003131100	USD 143	MYR 615
C 16	Parafilm, 1000 × 50 mm	0003801100	USD 94	MYR 405
C 17	Paraffin, liquid, 30 ml	0003801200	USD 147	MYR 633
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	USD 1,193	MYR 5,130
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	USD 168	MYR 723
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	USD 1,304	MYR 5,608
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	USD 845	MYR 3,634
CONSUMABLES C 200, C 2000, C 5000, C 7000				
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	USD 163	MYR 701
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	USD 311	MYR 1,338
C 14	Combustible crucibles, 100 pcs.	0007224500	USD 233	MYR 1,002

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



Product	Description	Ident. No.	Price	
ACCESSORIES AOD 1				
AOD 1.1 FZ	Decomposition vessel	0003303000	USD 16,954	MYR 72,903
AOD 1.2	External ignition unit	0003348000	USD 2,976	MYR 12,797
AOD 1.3	Protection device	0003308000	USD 4,247	MYR 18,263
AOD 1.13	Remote ignition head	0003348100	USD 1,399	MYR 6,016
C 48	Oxygen station	0001560000	USD 5,495	MYR 23,629
C 7030	Venting station	0003013300	USD 3,074	MYR 13,219
C 21	Pelleting press	0001605300	USD 5,730	MYR 24,639
C 29 (DIN 477)	Pressure gauge, oxygen	0000750200	USD 1,663	MYR 7,151
C 29 (BS341-3)	Pressure gauge, oxygen	0020101322	USD 1,663	MYR 7,151
C 29 (NFE29-656)	Pressure gauge, oxygen	0020101828	USD 1,663	MYR 7,151
C 5010.4	Attachment for combustible crucible C 14	0003016900	USD 538	MYR 2,314
CONSUMABLES AOD 1				
C 4	Quartz dish	0001695500	USD 103	MYR 443
C 9	Gelatine capsules, 100 pcs.	0000749900	USD 106	MYR 456
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	USD 250	MYR 1,075
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	USD 123	MYR 529
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	USD 123	MYR 529
C 14	Combustible crucibles, 100 pcs.	0007224500	USD 233	MYR 1,002
C 15	Parafilm strips	0003131100	USD 143	MYR 615
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	USD 311	MYR 1,338
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	USD 106	MYR 456
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	USD 845	MYR 3,634
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	USD 168	MYR 723
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	USD 1,304	MYR 5,608

C 6040 CalWin

USD 4,032 | MYR 17,338

Ident. No. 0004040500*

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

Product	Description	Ident. No.	Price	
FIXING ELEMENTS				
	H 44 Boss head clamp	0002437700	USD 46	MYR 198
	R 200 Clamp for T 10 basic and R 104	0003372000	USD 102	MYR 439
	R 182 Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	USD 73	MYR 314
	R 270 Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	USD 287	MYR 1,235
	R 271 Boss head clamp, clamping range Ø 34 mm	0002664000	USD 187	MYR 805
	R 350 Universal clamp	0001752900	USD 282	MYR 1,213
	RH 3 Strap clamp for stand Ø 8 – 16 mm	0003008600	USD 187	MYR 805
	RH 5 Strap clamp for stand Ø 25 – 36 mm	0003159000	USD 315	MYR 1,355
	LABLIFT m Manual scissor lift	0004022400	USD 481	MYR 2,069

STANDS				
	R 104 Stand for T 10 basic, H 370 mm	0003386000	USD 224	MYR 964
	R 1825 Plate stand, H 560 mm	0003160000	USD 394	MYR 1,695
	R 1826 Plate stand, H 800 mm	0003160100	USD 262	MYR 1,127
	R 1827 Plate stand, H 1000 mm	0003160200	USD 459	MYR 1,974
	R 2722 H-stand, 1010 mm	0001412000	USD 1,290	MYR 5,547
	R 2723 Telescopic stand, H 620-1010 mm	0001412100	USD 1,193	MYR 5,130
	T 653 Telescopic stand, H 1200 mm	0001608000	USD 3,452	MYR 14,844
	R 474 Telescopic stand, H 1200 mm	0001643000	USD 2,841	MYR 12,217
	R 472 Floor stand, H 2020 mm	0000738700	USD 6,038	MYR 25,964
	R 2850 Floor stand, H 1900 mm	0020002900	USD 4,440	MYR 19,092
	R 6547 H Floor stand, hydraulic	0020018533	USD 14,356	MYR 61,731
	R 6547.1 Container clamping device for R 6547 H / E floor stand	0020018680	USD 6,103	MYR 26,243

					
R 104	R 1825	R 2722	R 2723	R 474	R 2850

Product	Description	Ident. No.	Price	
ELECTRONIC STANDS				
	IKA [scale]	Stand with weighing function	0025004318	USD 1,279 MYR 5,500
	R 6547 E 400V	Floor stand, electrohydraulics	0020018673	USD 21,485 MYR 92,386
	R 2850.SI	Safety stop	0020010623	On Request On Request
ALMEMO TEMPERATURE MEASURING INSTRUMENT				
	ALMEMO 2490-2	Temperature measuring instrument	0004709300	USD 4,113 MYR 17,686
	ALMEMO USB cable	USB cable	0004709400	USD 711 MYR 3,058
	PT 100.23	Temp. sensor, stn. steel, Ø3 mm, length: 250 mm	0003122100	USD 734 MYR 3,157
	PT 100.24	Temp. sensor, stn. steel, coated, Ø6 mm, 250 mm	0003122200	USD 811 MYR 3,488
	PT 100.25	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0003122300	USD 620 MYR 2,666

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



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.

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				
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0010011525	USD 1,314	MYR 5,651
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				
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0010011496	USD 1,719	MYR 7,392
ETS-D5	Electronic contact thermometer	0025005927		
H 38	Holding rod	0003516800		
H 44	Boss head clamp	0003547700		
H 16 V	Support rod	0002437700		
H 16 V	Support rod	0001545100		
RCT basic Synthesis Solution 250				
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0010011505	USD 1,650	MYR 7,095
H 135.25	Flask carrier 250 ml without handle	0025005927		
H 38	Holding rod	0025003280		
H 44	Boss head clamp	0003547700		
H 16 V	Support rod	0002437700		
R 350	Universal clamp	0001545100		
IKAFILON 25 ellipse	Stir bar	0001545100		
RCT basic Synthesis Solution 500				
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0010011502	USD 1,650	MYR 7,095
H 135.30	Flask carrier 500 ml	0025005927		
H 38	Holding rod	0025000639		
H 44	Boss head clamp	0003547700		
H 16 V	Support rod	0002437700		
R 350	Universal clamp	0001545100		
IKAFILON 30 ellipse	Stir bar	0001545100		
RCT basic Synthesis Solution 1000				
RCT basic	RCT basic magnetic stirrer, incl. PT 1000.60 temperature sensor	0010011508	USD 1,719	MYR 7,392
H 135.40	Flask carrier 500 ml	0025005927		
H 38	Holding rod	0025000833		
H 44	Boss head clamp	0003547700		
H 16 V	Support rod	0002437700		
R 350	Universal clamp	0001545100		
IKAFILON 40 ellipse	Stir bar	0001545100		



UTTD basic IVD Solution



UTTD control Pharma Solution



UTTD control Life Science Solution

Product	Description	Ident. No.	Price	
SINGLE-USE CRUSHING / IVD PACKAGES				
ULTRA-TURRAX® P control Workstation				
ULTRA-TURRAX® Tube Drive P control	Disperser	0025005836	USD 2,363	MYR 10,161
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 basic IVD Solution				
ULTRA-TURRAX® Tube Drive	Disperser	0010013007	On request	
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, 50 pcs., membrane lid	0003646000		
		0020027186		
UTTD control IVD Solution				
ULTRA-TURRAX® Tube Drive P control	Disperser	0010013008	On request	
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, 50 pcs., membrane lid	0025005981		
		0020027186		
UTTD control Pharma Solution				
ULTRA-TURRAX® Tube Drive P control	Disperser	0010013297	On request	
DIS-300-S-M.10	Dissolver tube, 300 ml, 10 pcs.	0025005981		
		0020016318		
UTTD control Life Science Solution				
ULTRA-TURRAX® Tube Drive P control	Disperser	0010013296	On request	
DT-20	Dispersing tube, 20 ml, 20 pcs.	0025005981		
		0003703000		



Tube Mill control Agriculture Solution



C 7000 basic equipment set 2

Product	Description	Ident. No.	Price
SINGLE-USE CRUSHING / IVD PACKAGES			
Tube Mill control Agriculture Solution			
Tube Mill control	Batch mill	0010013298	On request
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004180000	
		0004425000	
Tube Mill 100 control Pharma Solution			
Tube Mill 100 control	Batch mill	0010013309	On request
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020007144	
		0020008386	
DOUBLE DRY CALORIMETER			
C 7000 basic equipment set 1			
C 7000	Measurement cell	0008800900	On request
C 7010	Decomposition vessel, standard		
C 7002	Cooling system	0003015000	
C 48	Oxygen station	0007011000	
		0001560000	
C 7000 basic equipment set 2			
C 7000	Measurement cell	0008800900	On request
C 7012	Decomposition vessel, halogen resistant		
C 7002	Cooling system	0003017000	
C 48	Oxygen station	0007011000	
		0001560000	



C 1

Product	Description	Ident. No.	Price
CALORIMETER PACKAGES			
C 1 Package 1/10 Package		0010005633	On request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
RC 2 basic	Recirculating chiller	0004171000	
C 1 Package 2/10 Package		0010005634	On request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1 Package 3/10 Package		0010005635	On request
C 1	Calorimeter	0020010860	
C 1.10	Combustion chamber	0004500300	
C 1.20	Water heater	0004501000	
C 1 Package 1/12 Package		0010005636	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		0010005637	On request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1 Package 3/12 Package		0010005638	On request
C 1	Calorimeter	0020010860	
C 1.12	Combustion chamber, halogen resistant	0004500400	
C 1.20	Water heater	0004501000	
C 200 auto Package		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		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 200 auto



C 6000

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



RV 3 V-C



RV 8 V-C

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR PACKAGES				
RV 3 V Package		0010003324	USD 4,008	MYR 17,235
RV 3	Drive	0020015793		
HB eco	Heating bath	0020016337		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 3 V-C Package		0010003328	USD 4,422	MYR 19,015
RV 3	Drive	0020015793		
HB eco	Heating bath	0020016337		
RV 10.10	Set of glassware, vertical, coated	0003755400		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 3 FLEX Package		0010003331	USD 3,732	MYR 16,048
RV 3	Drive	0020015793		
HB eco	Heating bath	0020016337		
RV 05.10	Balljoint clamp	0000736600		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10.88	Clamp, NS 29	0003683300		
RV 8 V Package		0010003482	USD 4,365	MYR 18,770
RV 8	Drive	0025002822		
HB digital	Heating bath	0020016334		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 8 V-C Package		0010003485	USD 4,850	MYR 20,855
RV 8	Drive	0025002822		
HB digital	Heating bath	0020016334		
RV 10.10	Set of glassware, vertical, coated	0003755400		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 8 FLEX Package		0010003488	USD 4,244	MYR 18,250
RV 8	Drive	0025002822		
HB digital	Heating bath	0020016334		
RV 05.10	Balljoint clamp	0000736600		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10.88	Clamp, NS 29	0003683300		



RV 8 Dry Ice Condenser



RV 10 digital Dry Ice Condenser, coated

Product	Description	Ident. No.	Price
ROTARY EVAPORATOR PACKAGES*			
RV 3 dry ice condensor			
RV 3	Drive	0020015793	On request
HB eco	Heating bath	0020016337	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
RV 3 dry ice condensor, coated			
RV 3	Drive	0020015793	On request
HB eco	Heating bath	0020016337	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask	0003740500	
RV 8 dry ice condensor			
RV 8	Drive	0025002822	On request
HB digital	Heating bath	0020016334	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
RV 8 dry ice condensor, coated			
RV 8	Drive	0025002822	On request
HB digital	Heating bath	0020016334	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10 digital Dry Ice Condenser			
RV 10 digital	Drive	0010006365	On request
HB digital	Heating bath	0003550099	
RV 10.84	Evaporation flask (NS 29/32, 1000 ml)	0003740500	
RV 10.4	Dry ice condenser	0003742000	
RV 10.102	Receiving flask (KS 35/20, 500 ml)	0003742400	
RV 10 digital dry ice condenser, coated			
RV 10 digital	Drive	0010006364	On request
RV 10 digital	Drive	0020015793	
HB digital	Heating bath	0020016334	
RV 10.40	Dry ice condenser, coated	0003742100	
RV 10.203	Receiving flask, coated (KS 35/20, 1000 ml)	0003743500	
RV 10.84	Evaporation flask	0003740500	

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



RV 10 digital V-C



RV 10 auto pro V-C

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR PACKAGES				
RV 10 digital V Package		0010004799	USD 5,643	MYR 24,265
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		0010004802	USD 6,394	MYR 27,495
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		0010004805	USD 5,365	MYR 23,070
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		0010004815	USD 12,176	MYR 52,357
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		0010004812	USD 13,017	MYR 55,974
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		0010004818	USD 11,987	MYR 51,545
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 V Starter Solution



RV 8 V Starter Solution



RV 10 auto V Starter Solution

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR COMPLETE SOLUTIONS				
RV 3 V Starter Solution		0010013945	USD 8,799	MYR 37,836
RV 3	Drive	0020015793		
HB eco	Heating bath	0025004726		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR lite	Vacuum pump	0020124926		
VC 10 lite	Vacuum controller	0020111998		
VC 10.600	Stand pole	0020129298		
RC 2 lite	Recirculating chiller	0025006624		
RV 8 V Starter Solution		0010013946	USD 9,199	MYR 39,556
RV 8	Drive	0025002822		
HB digital	Heating bath	0020004009		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR lite	Vacuum pump	0020124926		
VC 10 lite	Vacuum controller	0020111998		
RV 8.3	Stand pole	0025004707		
RC 2 lite	Recirculating chiller	0025006624		
RV 10 digital V Starter Solution		0010013947	USD 10,599	MYR 45,576
RV 10 digital	Drive	0003500099		
HB digital	Heating bath	0020004009		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR lite	Vacuum pump	0020124926		
VC 10 lite	Vacuum controller	0020111998		
VC 10.400	Stand	0035001735		
RC 2 lite	Recirculating chiller	0025006624		
RV 10 auto V Starter Solution		0010013954	USD 13,999	MYR 60,196
RV 10 auto	Drive	0020003919		
HB digital	Heating bath	0020004009		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR lite	Vacuum pump	0020124926		
VSE 1	Vacuum safety emission condenser	0035001873		
RC 2 lite	Recirculating chiller	0025006624		



RV 3 pro V Complete



RV 8 pro V Complete



RV 10 auto pro V-C Complete

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR COMPLETE SOLUTIONS				
RV 3 pro V-C Complete		0010012324	USD 9,980	MYR 42,914
RV 3	Drive	0020015793		
HB eco	Heating bath	0025004726		
RV 10.10	Set of glassware, vertical, coated	0003755400		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR digital	Pump with analog connection	0020016236		
VC 10 lite	Vacuum controller	0020111998		
VC 10.500	Stand pole	0035002702		
RC 2 lite	Recirculating chiller	0025006624		
RV 8 pro V-C Complete		0010012325	USD 10,779	MYR 46,350
RV 8	Drive	0025002822		
HB digital	Heating bath	0020004009		
RV 10.10	Set of glassware, vertical, coated	0003755400		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR digital	Pump with analog connection	0020016236		
VC 10 lite	Vacuum controller	0020111998		
RV 8.3	Stand pole	0025004707		
RC 2 lite	Recirculating chiller	0025006624		
RV 10 digital pro V-C Complete		0010012326	USD 11,923	MYR 51,269
RV 10 digital	Drive	0003550099		
HB digital	Heating bath	0020004009		
RV 10.10	Set of glassware, vertical, coated	0003755400		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR digital	Pump with analog connection	0020016236		
VC 10 lite	Vacuum controller	0020111998		
VC 10.400	Stand	0035001735		
RC 2 lite	Recirculating chiller	0025006624		
RV 10 digital pro V double Complete		0010011964	USD 20,441	MYR 87,897
2 × RV 10 digital	Drive	0003550099		
2 × HB digital	Heating bath	0020004009		
2 × RV 10.1	Set of glassware, vertical, coated	0003655300		
2 × RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR digital	Pump with analog connection	0020016236		
2 × VC 10 pro	Vacuum controller	0020112031		
VSE 1	Vacuum safety emission condenser	0035001873		
2 × VC 10.400	Stand	0035001735		
2 × VC 10.300	Check valve	0020011105		
RC 2 GREEN basic	Recirculating chiller	0025004186		
2 × Y hose connector	Y-hose connector	0020010963		



RV 10 digital pro V-C double Complete



VACSTAR lite Starter Solution



VACSTAR lite Advanced Plus Solution

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR COMPLETE SOLUTIONS SOLUTIONS				
RV 10 digital pro V-C double Complete		0010012327	USD 21,179	MYR 91,070
2 × RV 10 digital	Drive	0025002822		
2 × HB digital	Heating bath	0020004009		
2 × RV 10.10	Set of glassware, vertical, coated	0003655300		
2 × RV 10.70	Vapor tube, NS 29/32	0003812200		
VACSTAR digital	Pump with analog connection	0020124926		
2 × VC 10 pro	Vacuum controller	0020111998		
VSE 1	Vacuum safety emission condenser	0003812200		
2 × VC 10.400	Stand	0020124926		
2 × VC 10.300	Check valve	0020111998		
RC 2 GREEN basic	Recirculating chiller	0025004707		
2 × Y hose connector	Y-hose connector	0025006624		
VACUUM PUMP PACKAGES				
VACSTAR lite Starter Solution		0010014496	USD 2,459	MYR 10,574
VACSTAR lite	Vacuum pump	0020124926		
VC 10 lite	Vacuum controller	0020111998		
VC 10.600	Stand pole	0020129298		
VACSTAR lite Starter Plus Solution		0010014497	USD 3,209	MYR 13,799
VACSTAR lite	Vacuum pump	0020124926		
VC 10 lite	Vacuum controller	0020111998		
VSE 1	Vacuum safety emission condenser	0035001873		
VC 10.600	Stand pole	0020129298		
VACSTAR lite Advanced Solution		0010014498	USD 2,749	MYR 11,821
VACSTAR lite	Vacuum pump	0020124926		
VC 10 pro	Vacuum controller	0020111998		
VC 10.600	Stand pole	0020129298		
VACSTAR lite Advanced Plus Solution		0010014497	USD 3,209	MYR 13,799
VACSTAR lite	Vacuum pump	0020124926		
VC 10 pro	Vacuum controller	0020112031		
VSE 1	Vacuum safety emission condenser	0035001873		
VC 10.600	Stand pole	0020129298		



EasySyn 500 Starter Reactor system



EasySyn 2000 Starter Reactor system

Product	Description	Ident. No.	Price	
SYNTHESIS REACTORS				
EasySyn 500 Starter Reactor system		0020113433	USD 9,236	MYR 39,715
EUROSTAR 60 digital	Overhead stirrer	0004446000		
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	USD 9,389	MYR 40,373
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	USD 10,511	MYR 45,198
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	USD 10,996	MYR 47,283
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



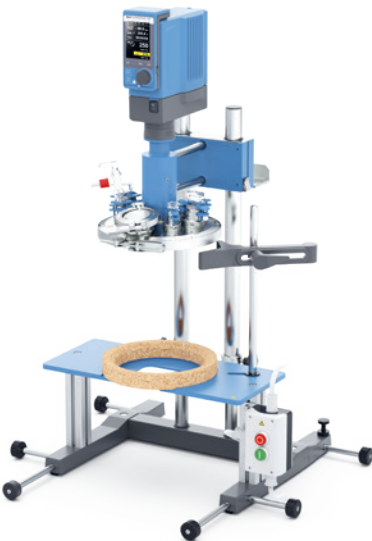
EasySyn 5000 Advanced Reactor system

Product	Description	Ident. No.	Price	
SYNTHESIS REACTORS				
EasySyn 500 Advanced Reactor system		0020113434	USD 12,273	MYR 52,774
EUROSTAR 100 control	Overhead stirrer	0004446000		
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	USD 12,426	MYR 53,432
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	USD 13,549	MYR 58,261
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	USD 14,035	MYR 60,351
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		





LR-2.ST the High Performer



LR-5.ST the Versatile

Product	Description	Ident. No.	Price	
REACTOR SYSTEM PACKAGES				
LR-2.ST the High Performer				
LR-2.ST	Stand system	0020012897	USD 15,727	MYR 67,627
LR-2.SI	Safety disconnection	0003318300		
LR 2.10	Reactor cover	0003101000		
EUROSTAR 200 P4 control	Overhead stirrer	0004090000		
LR-2.ST the Allrounder				
LR-2.ST	Stand system	0020012897	USD 13,888	MYR 59,719
LR-2.SI	Safety disconnection	0003318300		
LR 2.10	Reactor cover	0003101000		
EUROSTAR 200 control	Overhead stirrer	0003992000		
LR-2.ST the Versatile				
LR-2.ST	Stand system	0020012897	USD 13,328	MYR 57,311
LR-2.SI	Safety disconnection	0003318300		
LR 2.10	Reactor cover	0003101000		
EUROSTAR 100 control	Overhead stirrer	0004028500		
LR-2.ST the Compact Power				
LR-2.ST	Stand system	0020012897	USD 12,656	MYR 54,421
LR-2.SI	Safety disconnection	0003318300		
LR 2.10	Reactor cover	0003101000		
EUROSTAR 60 control	Overhead stirrer	0004440000		
LR-2.ST Starvisc 200				
LR-2.ST	Stand system	0020012897	USD 22,632	MYR 97,318
LR-2.SI	Safety disconnection	0003318300		
LR 2.10	Reactor cover	0003101000		
STARVISC 200-2.5 control	Measuring stirrer	0025003604		
LR-5.ST the High Performer				
LR.ST	Stand system	0020100787	USD 19,727	MYR 84,827
LR.SI	Safety disconnection	0003318300		
LR-5.ST	Reactor lid	0020103293		
EUROSTAR 200 P4 control	Overhead stirrer	0004090000		
LR-5.ST the Versatile				
LR.ST	Stand system	0020127405	USD 16,000	MYR 68,800
LR.SI	Safety disconnection	0003318300		
LR-5.ST	Reactor lid	0020103293		
EUROSTAR 100 control	Overhead stirrer	0004028500		



CBC ROTAVISC SBS me-vi Package



ROTATEMP me-vi Package

Product	Description	Ident. No.	Price	
VISCOMETER PACKAGES				
CBC ROTAVISC SBS me-vi Package				
ROTAVISC SBS me-vi control	Viscometer	0010014031	USD 9,139	MYR 39,298
ROTASTAND	Stand	0020116428		
CBC VISC lite	Refrigerated and heating circulator	0020102007		
CBC ROTAVISC lo-vi Package				
ROTAVISC lo-vi control	Viscometer	0010014045	USD 8,122	MYR 34,925
ROTASTAND	Stand	0025000491		
ROTASTAND	Stand	0020116428		
CBC VISC lite	Refrigerated and heating circulator	0020102007		
CBC ROTAVISC me-vi Package				
ROTAVISC me-vi control	Viscometer	0010014058	USD 8,122	MYR 34,925
ROTASTAND	Stand	0025000492		
ROTASTAND	Stand	0020116428		
CBC VISC lite	Refrigerated and heating circulator	0020102007		
ROTATEMP SBS me-vi Package				
ROTAVISC SBS me-vi control	Viscometer	0010013993	USD 9,769	MYR 42,007
ROTASTAND	Stand	0025008115		
ROTASTAND	Stand	0020116428		
ROTATEMP	Heating system	0020113825		
ROTATEMP lo-vi Package				
ROTAVISC lo-vi control	Viscometer	0010014004	USD 8,336	MYR 35,845
ROTASTAND	Stand	0025000491		
ROTASTAND	Stand	0020116428		
ROTATEMP	Heating system	0020113825		
ROTATEMP me-vi Package				
ROTAVISC me-vi control	Viscometer	0010014015	USD 8,336	MYR 35,845
ROTASTAND	Stand	0025000492		
ROTASTAND	Stand	0020116428		
ROTATEMP	Heating system	0020113825		



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