

IKA

designed for scientists

EN

2022

PRODUCT OVERVIEW 2022



PRODUCTS THAT WILL INSPIRE YOU!

/// Welcome to the Year of Innovations 2022

This is the year you can be especially excited for. Our development team has once again outdone itself and developed countless new and innovative products for you. Products that you did not expect. And which will sustainably improve your work. What you can rely on? The excellent ergonomic design, smart handling and particularly safe processes. And because we can't reveal everything in this catalog, it's best to subscribe to our newsletter. You will then be informed about all product launches and offers at an early stage.



Be surprised:

<https://www.ika.com/newsletter>



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/// INTEGRATED SAFETY – THE IKA SAFETY CONCEPT

Safety has the highest priority at IKA. In order to protect users in the laboratory, our products have CE certifications and fulfill the requirements described in common standards such as DIN IEC EN 610410-1, DIN IEC EN 61010-2-010, DIN EN IEC 61010-2-051 and DIN IEC EN 61326-1.

Whether heat or chemicals are involved, our Integrated Safety Concept protects the sample, the laboratory and the user. Additionally, it provides the basis for the success of your experiments.



Independent regulation circuits

On many devices there is more than one temperature to monitor. Independent safety circuits ensure that a critical temperature cannot be exceeded under any circumstances – even if the temperature sensor in the medium or in the heating element is defective or fails completely.

Wireless remote control

A wireless remote control (WiCo) permits operation of your laboratory equipment from a safe distance. For example, the control versions of IKA laboratory reactors and thermostats are equipped with a Wireless Controller, or WiCo for short.

Safety shutoff

In case vessel or cover are removed it must be impossible for the devices to unintentionally continue operation. For this reason, IKA Integrated Safety contains safety shutoffs, for example on laboratory reactors or mills. The IKA rotary evaporators automatically lift the evaporation flask out of the heating bath in the event of a power failure.

Temperature monitoring

Maximum temperatures, safety temperatures and temperature warnings guarantee safety in the laboratory. Integrated Safety ensures that flashpoints are not reached. Safety temperatures are set manually using a small tool with each laboratory process. Even when the magnetic stirrer and heating function is switched off, a warning is issued as long as the heating plate is hotter than 50 °C.



“Hot spot” monitoring

The hottest area of a magnetic stirrer is the set-up plate. Alongside the vessel and its contents, this is itself specifically monitored thanks to Integrated Safety. This feature ensures that the temperature of the set-up plate is not as hot as the flashpoint of the sample material in the event of glass breakage.

Locking function

Locking functions on our magnetic stirrers, for example, prevent inadvertent changes to the temperature and speed values or changes to settings.



Sturdy housing

Chemically-resistant housings and displays, made from hardened, shatterproof glass are to be found wherever dangerous substances or heat are involved, such as in our latest generation of magnetic stirrers.

/// AWARD-WINNING LABORATORY EQUIPMENT

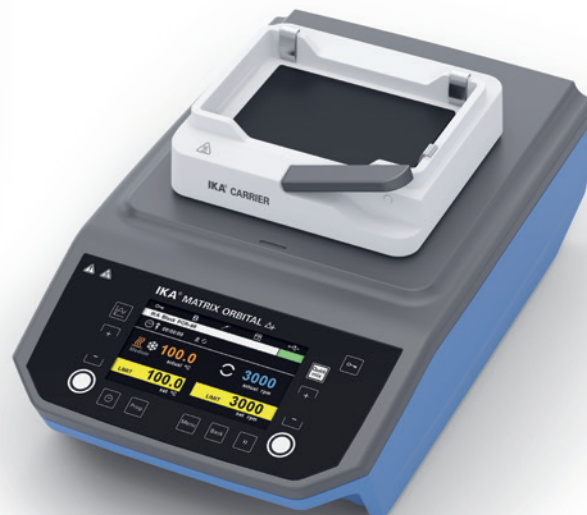
Because of IKA's strength in innovation, quality of design, global sense of responsibility and commitment to the region – IKA continues to receive awards for its outstanding performance. Entrepreneurial courage, dynamic processes and communication-readiness justify these successes. They show us that commitment and perseverance always pay dividends!



German Design Award 2021 for MATRIX Orbital Delta Plus

IKA once again received the German Design Award in 2021. This time the MATRIX Orbital Delta Plus has been recognized for outstanding design quality in the category "Excellent Product Design - Industry". With their choice, the German Design Council underlines the fact that design and handling quality go hand in hand.

Thanks to its die-cast housing, the MATRIX thermoshaker sits on a sturdy mount, even on a small setup area. Moreover, it has a clear shape, smooth surface and inventive layout. This means that MATRIX Orbital Delta Plus not only looks good, but is also easy and comfortable to operate.



Innovative power and economic success



IKA has been honored for its innovativeness time and again. We have been included among the most innovative companies in Germany for the fifth time already, as honored by the TOP 100 panel and mentor Ranga Yogeshwar. In 2015, IKA even managed to jump up to 2nd place in the class of companies with more than 250 employees. Additionally, studies by the University of St. Gallen have placed our company in the World Market Leader Index year after year. In 2022, we are again entitled to wear the corresponding seal of the German business magazine WirtschaftsWoche.

Design strength and user-friendliness

Whether it be the Red Dot Design Award or the German Design Award: The fact that, for us at IKA, an appealing and convenient design plays a central role in our product development is something that is regularly honored.

In 2020, the new IKA PETTE fix and vario pipettes, with their total of 18 different models, received the German Design Award for outstanding design quality. Two years earlier, in 2018, the magnetic stirrers C-MAG HS 7 control and RCT digital with glass surface were awarded with the German Design Award 2018 in the category "Excellent Product Design Industry", the stirrer Ministar 80 control received a "Special Mention". In the same year, the high-performance disperser IKA T 25 easy clean was honored with the German Design Award as a technical world first.

The coveted reddot award was most recently awarded in 2018 to the world's first ElectraSyn 2.0, a device for electrochemical synthesis.



Entrepreneurial responsibility

In 2021, IKA once again was distinguished as being "socially committed" as part of the medium-sized enterprise award for social responsibility by the German state of Baden-Württemberg. Already in 2013, IKA received this award for its particular involvement with the aid project HANDS FOR CHILDREN. In the same year, the Oskar Patzelt Foundation awarded IKA the "Grand Prix of Medium-Sized Companies": In the regional competition Baden-Wuerttemberg, IKA came first place in the category Industry.



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

Three devices
in one



reddot award 2018
winner



ElectraSyn 2.0 essentially combines three products in one and will facilitate the mass adoption of electrochemistry for preparative organic synthesis: a potentiostat, an analytical device and a magnetic stirrer. It is a compact, user friendly and cost effective platform for organic chemists to explore electrochemistry.

The ElectraSyn 2.0 Ready-To-Go package includes all that is required to for your first experiment: Potentiostat, including a single 10 ml vial, vial holder, stir plate attachment, and a set of electrodes (graphite).

ElectraSyn 2.0 Package

USD 3,573 | MYR 14,649

Ident. No. 0020008980

Ready-To-Go
package

- › ElectraSyn 2.0 base unit
- + vial holder
- + single vial, 10 ml, complete
- + 2 electrodes (graphite)
- + stir plate attachment
- + stir bar

ElectraSyn 2.0 pro Package

USD 5,103 | MYR 20,922

Ident. No. 0040003261



- › ElectraSyn 2.0 base unit
- + vial holder
- + single vial, 10 ml, complete
- + 2 electrodes (graphite)
- + stir plate attachment
- + stir bar
- + set of CV electrodes:
 - + CV glassy carbon
 - + CV platinum
 - + Silver reference electrode

TECHNICAL DATA

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

ELECTRASYN 2.0 APP

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





Carousel complete



GOGO Module



e-Hive



Fritte Sample Set

Product	Description	Ident. No.	Price	
ATTACHMENTS				
Carousel	Attachment for multi measurements	0020017512	USD 3,563	MYR 14,608
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	USD 4,983	MYR 20,430
e-Hive	Screening platform with a maximum of 24 reactions	0040004945	USD 4,676	MYR 19,172
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	USD 1,051	MYR 4,309
Pro-Seal	Vial cap for gas exchange	0040007151	USD 730	MYR 2,993
Pro-Divide	Reaction cell for divided electrochemistry	0040006482	USD 1,118	MYR 4,584
Calibration cap	Calibration cap for ElectraSyn 2.0	0040007388	USD 351	MYR 1,439

ACCESSORIES PRO-DIVIDE

Fritte Set, 1 µm	Glass frit, 2 pcs.	0020102632	USD 129	MYR 529
Fritte Set, 5 µm	Glass frit, 2 pcs.	0020102633	USD 60	MYR 246
Fritte Set, 10 µm	Glass frit, 2 pcs.	0020102634	USD 68	MYR 279
Fritte Sample Set	Kit of 1/5/10 µm glass frit, 1 pc. each	0020101403	USD 124	MYR 508

ELECTRODES FOR E-HIVE

Copper electrode inner	Anode copper (24 pcs.)	0040007427	USD 584	MYR 2,394
Graphite electrode inner	Anode graphite (24 pcs.)	0040007430	USD 233	MYR 955
Stainless electrode inner	Anode stainless steel (24 pcs.)	0040007429	USD 464	MYR 1,902
Copper electrode outer	Cathode copper (24 pcs.)	0040007436	USD 1,019	MYR 4,178
Graphite electrode outer	Cathode graphite (24 pcs.)	0040007438	USD 805	MYR 3,301
Stainless electrode outer	Cathode stainless steel (24 pcs.)	0040007443	USD 286	MYR 1,173



Fritte Set

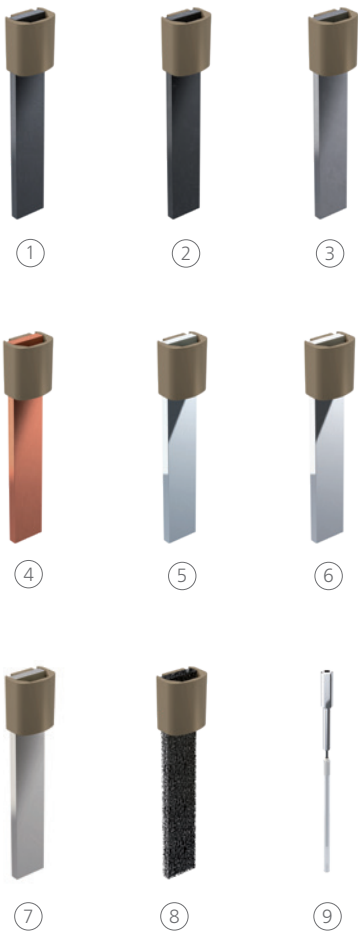


ElectraSyn 2.0 Complete Starter Kit

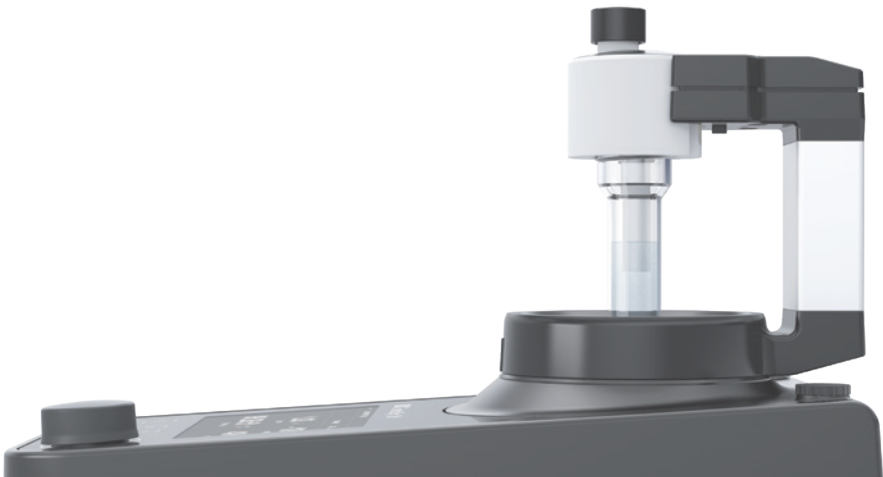


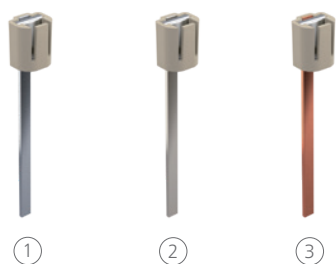
ElectraSyn 2.0 Micro Starter Kit complete

Product	Description	Ident. No.	Price	
VIALS / ELECTRODES				
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	USD 214	MYR 877
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	USD 199	MYR 816
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	USD 201	MYR 824
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	USD 490	MYR 2,009
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	USD 330	MYR 1,353
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	USD 357	MYR 1,464
ElectraSyn 2.0 Electrode Starter Kit	Kit of glassy carbon, set of 2 + 8 other electrodes, each set of 12	0020017204	USD 2,533	MYR 10,385
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 1,786	MYR 7,323
ElectraSyn 2.0 vials only	Kit of 10 × 5 ml, 10 × 10 ml, 10 × 20 ml vials	0010003811	USD 1,174	MYR 4,813
ElectraSyn 2.0 Complete Starter Kit	Kit of 5 ml, 10 ml, 20 ml vials complete; 10 spare vials of each volume; glassy carbon, set of 2 + 8 other electrodes, each set of 12	0040004013	USD 4,320	MYR 17,712
Electrode CV Package	Kit of electrodes (CV glassy carbon, CV platinum, reference electrode)	0040002864	USD 777	MYR 3,186
MICROVIALS / MICROELECTRODES				
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	USD 258	MYR 1,058
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	USD 258	MYR 1,058
Micro glass vials 1 ml	Glass vial 1 ml, set of 10	0020017207	USD 677	MYR 2,776
Micro glass vials 2 ml	Glass vial 2 ml, set of 10	0020017206	USD 672	MYR 2,755
ElectraSyn 2.0 Micro electrode Starter Kit	Kit of glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004016	USD 3,646	MYR 14,949
ElectraSyn 2.0 microvials only	Kit 10 × 1 ml, 10 × 2 ml vials	0040004103	USD 1,350	MYR 5,535
ElectraSyn 2.0 Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	USD 1,805	MYR 7,401
ElectraSyn 2.0 Micro Starter Kit complete	Kit of 1 ml and 2 ml vials complete; 10 spare vials of each volume; glassy carbon, set of 2 + 7 other electrodes, each set of 12	0040004015	USD 5,256	MYR 21,550



Product	Ident. No.	Price	
ELECTRODES			
① Electrode graphite (12 pcs.)	0040002858	USD 282	MYR 1,156
② Electrode glassy carbon (2 pcs.)	0040002842	USD 210	MYR 861
Electrode lead bronze (2 pcs.)	0020016076	USD 481	MYR 1,972
Electrode lead (12 pcs.)	0040002843	USD 529	MYR 2,169
Electrode tungsten (2 pcs.)	0040002845	USD 536	MYR 2,198
③ Electrode niobium (2 pcs.)	0040002846	USD 149	MYR 611
④ Electrode copper (12 pcs.)	0040002847	USD 148	MYR 607
Electrode magnesium (12 pcs.)	0040002848	USD 516	MYR 2,116
Electrode titanium (12 pcs.)	0040002849	USD 481	MYR 1,972
Electrode zinc (12 pcs.)	0040002850	USD 481	MYR 1,972
Electrode stainless steel (12 pcs.)	0040002851	USD 129	MYR 529
⑤ Electrode platinum plated (2 pcs.)	0040002852	USD 183	MYR 750
Electrode platinum foil (2 pcs.)	0040005015	USD 917	MYR 3,760
Electrode platinum on ceramics (2 pcs.)	0040006753	USD 512	MYR 2,099
Electrode gold plated (2 pcs.)	0040002853	USD 485	MYR 1,989
⑥ Electrode silver plated (2 pcs.)	0040002854	USD 91	MYR 373
Electrode aluminium (12 pcs.)	0040003174	USD 129	MYR 529
Electrode boron doped diamond (2 pcs.)	0040002856	USD 837	MYR 3,432
Electrode tin (12 pcs.)	0040002857	USD 505	MYR 2,071
⑦ Electrode nickel (12 pcs.)	0040002859	USD 149	MYR 611
⑧ Electrode RVC foam (12 pcs.)	0040002860	USD 475	MYR 1,948
Electrode nickel foam (12 pcs.)	0040002861	USD 117	MYR 480
Electrode cobalt (2 pcs.)	0040003385	USD 74	MYR 303
⑨ Electrode reference (1 pc.)	0040002865	USD 201	MYR 824
Electrode CV glassy carbon (1 pc.)	0040002863	USD 185	MYR 759





Product

Ident. No.

Price

MICROELECTRODES

①	Microelectrode aluminium (12 pcs.)	0040004029	USD 94	MYR 385
	Microelectrode boron-doped diamond (2 pcs.)	0040004036	USD 1,153	MYR 4,727
②	Microelectrode cobalt (2 pcs.)	0040004039	USD 198	MYR 812
③	Microelectrode copper (12 pcs.)	0040004027	USD 97	MYR 398
④	Microelectrode glassy carbon (2 pcs.)	0040004022	USD 253	MYR 1,037
⑤	Microelectrode gold (2 pcs.)	0040004034	USD 329	MYR 1,349
	Microelectrode graphite SK-50 (12 pcs.)	0040004021	USD 333	MYR 1,365
	Microelectrode lead (12 pcs.)	0040004028	USD 1,370	MYR 5,617
⑥	Microelectrode lead bronze (12 pcs.)	0040004030	USD 355	MYR 1,456
	Microelectrode magnesium (12 pcs.)	0040004025	USD 800	MYR 3,280
	Microelectrode nickel (12 pcs.)	0040004023	USD 1,051	MYR 4,309
⑦	Microelectrode nickel foam (12 pcs.)	0040004101	USD 145	MYR 595
⑧	Microelectrode niobium (2 pcs.)	0040004032	USD 332	MYR 1,361
	Microelectrode platinum (2 pcs.)	0040004038	USD 165	MYR 677
	Microelectrode silver (2 pcs.)	0040004035	USD 112	MYR 459
	Microelectrode stainless steel (12 pcs.)	0040004024	USD 94	MYR 385
⑨	Microelectrode tin (12 pcs.)	0040004037	USD 920	MYR 3,772
	Microelectrode titanium (12 pcs.)	0040004033	USD 800	MYR 3,280
	Microelectrode tungsten (2 pcs.)	0040004031	USD 149	MYR 611
	Microelectrode zinc (12 pcs.)	0040004026	USD 800	MYR 3,280
	Microelectrode graphite V2100 (2 pcs.)	0040004040	USD 216	MYR 886

Screening System Package (8 cells)

USD 19,678 | MYR 80,680

Ident. No. 0040003642



Screening System Package (6 cells)

USD 21,102 | MYR 86,518

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.

Scope of delivery

- > Reaction block
- > Electrolysis cells
- > Power supply
- > IKA Plate (RCT digital) including PT 1000 temperature sensor
- > Cable set
- > Screw drive
- > Electrode graphite (16 pcs.)



Reaction block with 6 divided cells



Reaction block with 8 undivided cells



Divided cell



Undivided cell

Product	Ident. No.	Price	
REACTION BLOCKS AND CELLS			
Reaction block with 6 divided cells	0020015936	USD 3,024	MYR 12,398
Reaction block with 8 undivided cells	0020015943	USD 1,567	MYR 6,425
Set of reaction cells (6 divided cells)	0040003647	USD 2,583	MYR 10,590
Set of reaction cells (8 undivided cells)	0040003648	USD 1,283	MYR 5,260
ELECTRODES			
Electrode 0.7 boron doped diamond (8 pcs.)	0040003932	USD 5,750	MYR 23,575
Electrode 0.7 glassy carbon (16 pcs.)	0040003670	USD 1,424	MYR 5,838
Electrode 0.7 graphite SK-50 (16 pcs.)	0040003954	USD 244	MYR 1,000
Electrode 0.7 platinum (8 pcs.)	0040003678	USD 872	MYR 3,575
Electrode 0.7 platinum on ceramics (2 pcs.)	0020023860	USD 523	MYR 2,144
Electrode 0.7 gold (8 pcs.)	0040003934	USD 553	MYR 2,267
Electrode 0.7 silver (8 pcs.)	0040003938	USD 324	MYR 1,328
Electrode 0.7 nickel foam (16 pcs.)	0040003935	USD 115	MYR 472
Electrode 0.7 graphite V2100 (16 pcs.)	0040003669	USD 980	MYR 4,018
Electrode 0.7 nickel (16 pcs.)	0040003671	USD 666	MYR 2,731
Electrode 0.7 stainless steel (8 pcs.)	0040003672	USD 367	MYR 1,505
Electrode 0.7 lead (16 pcs.)	0040003673	USD 725	MYR 2,973
Electrode 0.7 lead bronze (8 pcs.)	0040003674	USD 477	MYR 1,956
Electrode 0.7 copper (8 pcs.)	0040003675	USD 312	MYR 1,279
Electrode 0.7 magnesium (16 pcs.)	0040003677	USD 666	MYR 2,731
Electrode 0.7 zinc (16 pcs.)	0040003680	USD 628	MYR 2,575
Electrode 0.7 aluminium (16 pcs.)	0040003682	USD 784	MYR 3,214
Electrode 0.7 cobalt (8 pcs.)	0040003933	USD 454	MYR 1,861
Electrode 0.7 niobium (8 pcs.)	0040003936	USD 412	MYR 1,689
Electrode 0.7 tin (8 pcs.)	0040003939	USD 356	MYR 1,460
Electrode 0.7 titanium (8 pcs.)	0040003940	USD 329	MYR 1,349
Electrode 0.7 tungsten (8 pcs.)	0040003941	USD 477	MYR 1,956
Electrode 0.7 RVC (16 pcs.)	0040003937	USD 584	MYR 2,394
Electrode 0.7 Sampler Kit incl. 7 × 2 electrodes*	0040004509	USD 2,156	MYR 8,840
Electrode 0.7 Starter Kit incl. 9 × 1 electrode**	0040003646	USD 6,629	MYR 27,179
Electrode 0.7 power supply	0040003604	USD 5,987	MYR 24,547
SC 1.1 Cable (1 – 4)	0040003663	USD 192	MYR 787
SC 1.2 Cable (5 – 8)	0020018590	USD 192	MYR 787
SC 2.1 Crocodile clip for cable set	0040003630	USD 37	MYR 152
labworldsoft® 6 Screening System	0020023690	USD 1,274	MYR 5,223

*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 6,732 | MYR 27,601

Ident. No. 0020100742



- › IKA FLOW System
- + Glass bottle
- + Capillary set
- + Heating block
- + CDR.PP standard (2x)
- + Tubing set

TECHNICAL DATA

Max. solvent volume	500 ml
Connection type	Push-to-connect // Screw fittings
Max. input pressure	1 mPa
Input pressure	Pressure of the gas from fume hood
Max. working pressure	137 kPa
Max. working temperature	100 °C
Working pressure	Pressure of the gas in solvent bottle
Material	304 stainless steel // Nylon (PA)
Dimensions (W x H x D)	250 x 375 x 140 mm
Weight	2.7 kg

IKA FLOW SYSTEM

Name	Description	Ident. No.	Price
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ACCESSORIES IKA FLOW

REACTOR SETS

CDR.PP narrow	Disc reactor set, polypropylene, narrow, 2 pcs.	0020102705	USD 118	MYR 484
CDR.PP standard	Disc reactor set, polypropylene, standard, 2 pcs.	0020102637	USD 118	MYR 484
CDR.PVDF narrow	Disc reactor set, polyvinylidene difluoride, narrow, 2 pcs.	0020102706	USD 253	MYR 1,037
CDR.PVDF standard	Disc reactor set, polyvinylidene difluoride, standard, 2 pcs.	0020102638	USD 253	MYR 1,037

MIXING CHIPS

MX.PP	Mixing chip set, polypropylene	0020103092	USD 73	MYR 299
MX.PVDF	Mixing chip set, polyvinylidene difluoride	0020103093	USD 159	MYR 652

OTHER ACCESSORIES

Heating Block	Heating block for up to four disc reactors	0020103369	USD 269	MYR 1,103
Capillary Set	Capillary set, 4 pcs.	0020103091	USD 291	MYR 1,193



CDR.PP narrow



CDR.PVDF standard



MX.PP



MX.PVDF



Heating Block



Capillary Set

We think that even a laboratory classic can always be made better: The magnetic stirrer was invented more than seven decades ago, but the world's best-selling stirrers have never been as powerful, energy-efficient, safe and durable as the modern IKA magnetic stirrers. We have developed devices for mixing tasks involving an extensive range of volumes and viscosities, with and without heating function, and even for multiple syntheses in up to 36 vessels at the same time. And now there is also the I-MAG industrial magnetic stirrer for large volumes.

I-MAG Industrial magnetic stirrer

/// The magnetic stirrer for large volumes

The powerful I-MAG mixes volumes of up to 300 liters. In production, it is suitable for large volumes with low viscosity; in pilot scale, it also mixes higher viscosity media. I-MAG has a strikingly compact design and integration into process plants or networks is simple: I-MAG comes with numerous digital and analog interfaces and can be controlled in a fully automated manner, e.g. with the labworldsoft® 6 laboratory software.



ROBUST AND STRONG

The drive unit consists of a powerful, wear-free motor and the magnetic coupling with high-performance neodymium magnets. Thus, it mixes particularly effectively - even liquids in double-walled containers or containers with insulated bottoms. Thanks to its closed stainless steel housing, I-MAG has a very high IP protection class of 64, which means that it can be used without restriction even under harsh conditions and is easy to clean.

PROCESS-SAFE

In order to reliably achieve high speeds even under difficult conditions, I-MAG has an adjustable start-up speed that prevents the magnetic stir bar from breaking off during the acceleration phase. It is also process-safe thanks to integrated detection of magnetic stir bar coupling. In the event of a tear-off or failure of magnetic coupling, the user is informed via the operating unit.

IKA Plate (RCT digital)

USD 1,508 | MYR 6,183

Ident. No. 0025004601



RCT 5 digital

USD 1,626 | MYR 6,667

Ident. No. 0020002704



New: 850 W
heating power

C-MAG HS 7 control

USD1,552 | MYR 6,363

Ident. No. 0020002694



reddot award 2017
winner

RET control-visc

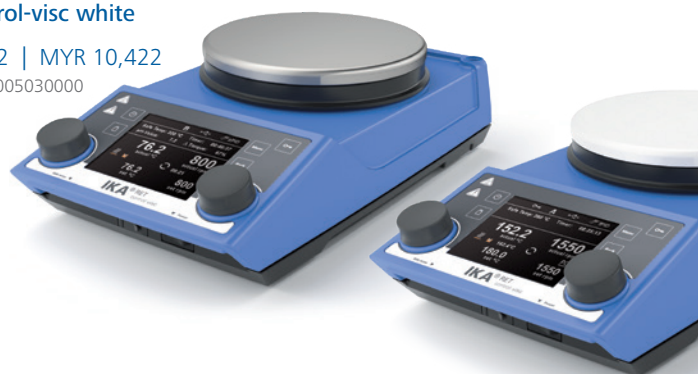
USD 2,416 | MYR 9,906

Ident. No. 0005020000

RET control-visc white

USD 2,542 | MYR 10,422

Ident. No. 0005030000



Weighing function
& pH measurement

TECHNICAL DATA	IKA PLATE (RCT DIGITAL)	RCT 5 DIGITAL	C-MAG HS 7 CONTROL	RET CONTROL-VISC WHITE
Stirring quantity max. (H ₂ O)	20 l	20 l	20 l	20 l
Direction of rotation	right left	right left	right left	right
Speed range	50 – 1500 rpm	50 – 1500 rpm	50 – 1500 rpm	50 – 1700 rpm
Heat output	600 W	850 W	1000 W	600 W
Heating temperature range	RT + device self heating – 310 °C	RT + device self heating – 310 °C	RT + device self heating – 500 °C	RT + device self heating – 340 °C
Set-up plate material	Aluminium alloy	Aluminium with ceramic coating	Ceramic	Stainless steel 1.4301 I Coated
Load capacity weighing function max.	–	–	–	5 kg
Set-up plate dimensions	Ø 135 mm	137 × 137 mm	180 × 180 mm	Ø 135 mm
Dimensions (W × H × D)	160 × 85 × 270 mm	160 × 85 × 270 mm	220 × 88 × 354 mm	160 × 85 × 270 mm
Protection class according to DIN EN 60529	IP 42	IP 42	IP 21	IP 42

① **C-MAG HS 4 digital**

USD 1,099 | MYR 4,506

Ident. No. 0004240200

① **C-MAG HS 4**

USD 708 | MYR 2,903

Ident. No. 0003581000

② **C-MAG HS 7 digital**

USD 1,148 | MYR 4,707

Ident. No. 0003487000

② **C-MAG HS 7**

USD 704 | MYR 2,886

Ident. No. 0003581200

③ **C-MAG HS 10 digital**

USD 1,590 | MYR 6,519

Ident. No. 0004240400

③ **C-MAG HS 10**

USD 1,374 | MYR 5,633

Ident. No. 0003581400

① **RH basic**

USD 817 | MYR 3,350

Ident. No. 0005019700

② **RH basic white**

USD 880 | MYR 3,608

Ident. No. 0005029700

③ **RH basic 2**

Price on request

Ident. No. 0003339000

① **RH digital**

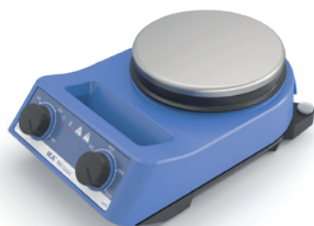
USD 1,132 | MYR 4,641

Ident. No. 0005019800

② **RH digital white**

USD 1,204 | MYR 4,936

Ident. No. 0004678000



TECHNICAL DATA	C-MAG HS 4 7 10 DIGITAL	C-MAG HS 4 7 10	RH BASIC BASIC WHITE RH BASIC 2	RH DIGITAL DIGITAL WHITE
Stirring quantity max. (H ₂ O)	5 l 10 l 15 l	5 l 10 l 15 l	15 l 10 l	15 l
Speed range	100 – 1500 rpm	100 – 1500 rpm	100 – 2000 rpm	100 – 2000 rpm
Heat output	250 W 1000 W 1500 W	250 W 1000 W 1500 W	600 W 400 W	600 W
Heating temperature	50 – 500 °C	50 – 500 °C	50 – 320 °C Room temp. °C – 320 °C	50 – 320 °C
Set-up plate material	Ceramic	Ceramic	Stainless steel 1.4301 RH basic white: coated	Stainless steel 1.4301 RH digital white: coated
External Temperature control	PT 1000	– ETS-D5 ETS-D5	ETS-D5 ETS-D5 –	ETS-D5
Dimensions (W × H × D)	150 × 105 × 260 mm 215 × 105 × 330 mm 300 × 105 × 415 mm	150 × 105 × 260 mm 220 × 105 × 335 mm 300 × 105 × 415 mm	160 × 100 × 250 mm 168 × 105 × 220 mm	160 × 100 × 250 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

RET basic

USD 1,795 | MYR 7,360

Ident. No. 0003622000



RCT basic

USD 1,191 | MYR 4,883

Ident. No. 0020002620

BESTSELLER



10-position hotplate
stirrer, for synchronous
heating and stirring

① RT 5

USD 3,228 | MYR 13,235

Ident. No. 0003690600

② RT 10

USD 4,281 | MYR 17,552

Ident. No. 0003691100

③ RT 15

USD 5,235 | MYR 21,464

Ident. No. 0003692600



RCT BASIC

/// Integrated safety

RCT basic fulfills, in all areas, the required safety regulations for laboratory equipment. The device is monitoring all safety relevant components and therefore is suitable for unsupervised operation. Safety is guaranteed in the event of malfunctions.

Further safety features are an adjustable safety circuit, two independent control circuits, hot top indicator and precise temperature control.

TECHNICAL DATA	RET BASIC	RCT BASIC	RT 5 RT 10 RT 15
Stirring quantity max. (H ₂ O)	20 l	20 l	0.4 l per stirring position
Speed range	50 – 1700 rpm	50 – 1500 rpm	0 – 1000 rpm
Heat output	600 W	600 W	175 W 375 W 580 W
Heating temperature	RT + device self heating – 340 °C	RT + device self heating – 310 °C	Room temp. °C – 120 °C
Set-up plate material	Stainless steel 1.4301	Aluminium alloy	Aluminium alloy
Connection for ext. temperature sensor	PT 1000	PT 1000	–
Dimensions (W x H x D)	160 x 95 x 270 mm	160 x 85 x 270 mm	120 x 60 x 610 mm 190 x 60 x 610 mm 280 x 60 x 610 mm
Protection class according to DIN EN 60529	IP 42	IP 42	IP 40

- 1

RO 5
USD 1,805 | MYR 7,401
Ident. No. 0003690500
- 2

RO 10
USD 2,277 | MYR 9,336
Ident. No. 0003691000
- 3

RO 15
USD 3,279 | MYR 13,444
Ident. No. 0003692500

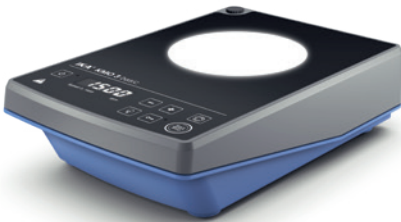
Adjustable
reverse operation



KMO 3 basic
USD 1,136 | MYR 4,658
Ident. No. 0020004631



Illuminated, flat
stirring plate



- 1

Midi MR 1 digital
USD 3,430 | MYR 14,063
Ident. No. 0025002968
- 2

Maxi MR 1 digital
USD 4,524 | MYR 18,548
Ident. No. 0025002978



I-MAG
USD 5,028 | MYR 20,615
Ident. No. 0020014226

NEW!



TECHNICAL DATA	RO 5 RO 10 RO 15	KMO 3 BASIC	MIDI MR 1 DIGITAL MAXI MR 1 DIGITAL	I-MAG
Stirring quantity max. (H ₂ O)	0.4 l per stirring position	5 l	50 l 150 l	300 l
Speed range	0 – 1200 rpm	10 – 1500 rpm	0 – 1000 rpm 0 – 600 rpm	100 – 1500 rpm
Set-up plate material	Stainless steel 1.4301	Glass	Stainless steel 1.4301	Stainless steel 1.4301
Set-up plate dimensions	120 × 470 mm 190 × 470 mm 280 × 470 mm	140 × 120 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	153 × 62.5 × 227 mm	360 × 110 × 430 mm 505 × 110 × 585 mm	260 × 70 × 300 mm
Protection class according to DIN EN 60529	IP 40	IP 42	IP 21	IP 64 / IP 22

① **topolino**

USD 171 | MYR 701

Ident. No. 0003368000


color squid white

USD 417 | MYR 1,710

Ident. No. 0003671000

big squid white

USD 417 | MYR 1,710

Ident. No. 0003672000

② **topolino mobil**

USD 421 | MYR 1,726

Ident. No. 0003381300

②

IKA myPlate

USD 417 | MYR 1,710

Ident. No. 0025005156

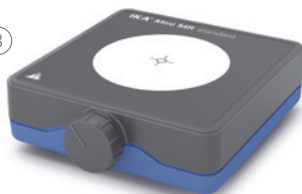
Design the set-up
plate yourself

③ **Mini MR standard**

USD 444 | MYR 1,820

Ident. No. 0025004132

③


① **C-MAG MS 4**

USD 618 | MYR 2,534

Ident. No. 0003582200

lab disc white

USD 315 | MYR 1,292

Ident. No. 0003907500

② **C-MAG MS 7**

USD 829 | MYR 3,399

Ident. No. 0003582400

②


③ **C-MAG MS 10**

USD 1,261 | MYR 5,170

Ident. No. 0003582600


TECHNICAL DATA
**TOPOLINO /
MINI MR STANDARD**
IKA MYPLATE
LAB DISC
C-MAG MS 4 | 7 | 10

Stirring quantity max. (H₂O)

0.25 l / 1 l

1.5 l

0.8 l

5 l | 10 l | 15 l

Speed range

500 – 1800 rpm /
0 – 2500 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

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

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 54

IP 65

IP 21



Product	Ident. No.	Price	
TEMPERATURE SENSORS			
Stainless steel			
PT 1000.60	0003516800	USD 258	MYR 1,058
PT 1000.80	0004443000	USD 250	MYR 1,025
PT 100.70	0020000440	USD 232	MYR 951
Glass-coated			
PT 1000.70	0003736000	USD 312	MYR 1,279
PT 100.51	0002600300	USD 578	MYR 2,370
SafeCoat (PFA, PTFE)			
PT 1000.90	0004480600	USD 270	MYR 1,107
PT 100.53	0004499700	USD 542	MYR 2,222
Dual			
PT 1000.50	0003367600	USD 513	MYR 2,103
PT 1000.51	0003377700	USD 591	MYR 2,423



ELECTRONIC CONTACT THERMOMETERS			
ETS-D5	0003378000	USD 442	MYR 1,812
ETS-D6	0003378100	USD 1,018	MYR 4,174

SENSORS FOR ETS-D5 / ETS-D6			
H 62.51	0002735451	USD 147	MYR 603
H 66.51, glass coated	0002735551	USD 564	MYR 2,312
H 66.53, coated	0004499900	USD 445	MYR 1,825
H 70, extension cable	0002735600	USD 478	MYR 1,960

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

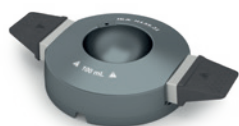




Square carrier with handle:
H 135.11



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 284	MYR 1,164
H 135.11 Square carrier with handle	—	160 × 160 mm	0004448200	USD 460	MYR 1,886
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	USD 107	MYR 439
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	USD 120	MYR 492
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	USD 120	MYR 492
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	USD 101	MYR 414
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	USD 120	MYR 492
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	USD 131	MYR 537
H 135.107 Block 100 ml	—	79 × 79 mm	0025000632	USD 103	MYR 422
H 135.108 Block 250 ml	—	79 × 79 mm	0025000633	USD 124	MYR 508

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 250	MYR 1,025
H 135.21 Flask carrier 100 ml with handle	142 mm	—	0004448300	USD 424	MYR 1,738
H 135.201 Flask inlay 10 ml	—	33.8 mm	0025000636	USD 64	MYR 262
H 135.202 Flask inlay 25 ml	—	43.8 mm	0025000637	USD 64	MYR 262
H 135.203 Flask inlay 50 ml	—	52.8 mm	0025000638	USD 65	MYR 267

250 ML FLASK HEATING BLOCK SERIES					
H 135.25 Flask carrier 250 ml without handle	142 mm	—	0025003280	USD 239	MYR 980
H 135.26 Flask carrier 250 ml with handle	142 mm	—	0020007954	USD 437	MYR 1,792

500 ML FLASK HEATING BLOCK SERIES					
H 135.30 Flask carrier 500 ml without handle	142 mm	—	0025000639	USD 284	MYR 1,164
H 135.31 Flask carrier 500 ml with handle	142 mm	—	0004448400	USD 460	MYR 1,886
H 135.301 Flask inlay 100 ml	—	66.3 mm	0025000641	USD 134	MYR 549
H 135.302 Flask inlay 250 ml	—	88 mm	0025000642	USD 137	MYR 562

1000 ML FLASK HEATING BLOCK SERIES					
H 135.40 Flask carrier 1000 ml without handle	166.3 mm	—	0025000833	USD 410	MYR 1,681
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	—	0004448500	USD 634	MYR 2,599
H 135.401 Flask inlay 500 ml	—	108 mm	0025000644	USD 235	MYR 964

2000 ML FLASK HEATING BLOCK SERIES					
H 135.50 Flask carrier 2000 ml without handle	194.7 mm	—	0025000834	USD 504	MYR 2,066
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	—	0004448600	USD 886	MYR 3,633
H 135.501 Flask inlay 1000 ml	—	131.8 mm	0025000645	USD 339	MYR 1,390

Product	Dimensions	Ident. No	Price
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IKAFLON® ROUND PTFE-COATED

10 round (5 pcs.)	10 × 6 mm	0004488600	USD 23 MYR 94
15 round (5 pcs.)	15 × 6 mm	0004488700	USD 23 MYR 94
20 round (5 pcs.)	20 × 8 mm	0004488800	USD 30 MYR 123
25 round (5 pcs.)	25 × 8 mm	0004488900	USD 31 MYR 127
30 round (5 pcs.)	30 × 8 mm	0004489000	USD 34 MYR 139
40 round (5 pcs.)	40 × 8 mm	0004489100	USD 36 MYR 148
50 round (5 pcs.)	50 × 8 mm	0004489200	USD 40 MYR 164
80 round (5 pcs.)	80 × 10 mm	0004489300	USD 82 MYR 336
110 round (1 pc.)	108 × 27 mm	0000793300	USD 235 MYR 964
155 round (1 pc.)	153 × 27 mm	0001129000	USD 289 MYR 1,185

IKAFLON® ROUND GLASS-COATED

25 round (5 pcs.)	25 × 6 mm	0004492200	USD 43 MYR 176
40 round (5 pcs.)	40 × 8 mm	0004492600	USD 46 MYR 189
50 round (5 pcs.)	50 × 8 mm	0004492800	USD 47 MYR 193

IKAFLON® SLIDE ROUND

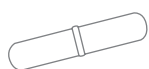
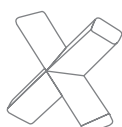
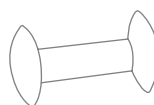
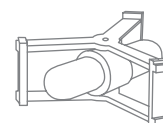
25 slide (5 pcs.)	25 × 6 mm	0004493800	USD 29 MYR 119
30 slide (5 pcs.)	30 × 6 mm	0004494000	USD 30 MYR 123
40 slide (5 pcs.)	40 × 8 mm	0004494200	USD 44 MYR 180
50 slide (5 pcs.)	50 × 8 mm	0004494400	USD 53 MYR 217

IKAFLON® POWER

20 power (5 pcs.)	20 × 6 mm	0004493000	USD 61 MYR 250
30 power (5 pcs.)	30 × 6 mm	0004493200	USD 85 MYR 349
50 power (5 pcs.)	50 × 8 mm	0004493400	USD 104 MYR 426

IKAFLON® ELLIPSE PTFE-COATED

20 ellipse (5 pcs.)	20 × 10 mm	0004494600	USD 43 MYR 176
25 ellipse (5 pcs.)	25 × 12 mm	0004494800	USD 47 MYR 193
30 ellipse (5 pcs.)	32 × 16 mm	0004495000	USD 58 MYR 238
35 ellipse (5 pcs.)	35 × 15 mm	0004495200	USD 75 MYR 308
40 ellipse (5 pcs.)	40 × 20 mm	0004495400	USD 92 MYR 377
50 ellipse (5 pcs.)	50 × 20 mm	0004495600	USD 130 MYR 533
70 ellipse (5 pcs.)	70 × 20 mm	0004496000	USD 216 MYR 886

IKAFLON® round
PTFE-coatedIKAFLON® ellipse
PTFE-coatedIKAFLON® cross
PTFE-coatedIKAFLON® bone
PTFE-coatedIKAFLON® beaker
PTFE-coated

TRIKA® PTFE-coated

Product	Dimensions	Ident. No	Price
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IKAFLON® CROSS PTFE-COATED

10 cross (5 pcs.)	10 × 10 mm	0004496200	USD 36 MYR 148
20 cross (5 pcs.)	20 × 20 mm	0004496400	USD 47 MYR 193
25 cross (5 pcs.)	25 × 25 mm	0004496600	USD 49 MYR 201
30 cross (5 pcs.)	30 × 30 mm	0004496800	USD 65 MYR 267
38 cross (5 pcs.)	38 × 38 mm	0004497000	USD 81 MYR 332

IKAFLON® BONE PTFE-COATED

37 bone (5 pcs.)	35 × 8 × 20 mm	0004497200	USD 115 MYR 472
54 bone (5 pcs.)	55 × 8 × 20 mm	0004497400	USD 138 MYR 566

IKAFLON® BEAKER PTFE-COATED

74 (1 pc.)	(Ø × H): 74 × 29 mm with 60 × 9	0004497800	USD 632 MYR 2,591
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IKAFLON® CROWN PTFE-COATED

9 crown (5 pcs.)	9 × 6 mm	0004498400	USD 32 MYR 131
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TRIKA® PTFE-COATED

25 Trika (5 pcs.)	25 × 8 mm	0004499300	USD 31 MYR 127
35 Trika (5 pcs.)	35 × 9 mm	0004499400	USD 43 MYR 176
55 Trika (5 pcs.)	55 × 14 mm	0004499500	USD 68 MYR 279
80 Trika (5 pcs.)	80 × 17 mm	0004499600	USD 97 MYR 398

SET OF MAGNETIC STIRRING BARS

RS 1	0001358600	USD 332 MYR 1,361
RS 2	0004499100	USD 276 MYR 1,132

STIRRING BAR REMOVER

RSE	Stirring bar remover	0001293100	USD 183 MYR 750
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WiCo RET control-visc



Cover RET control-visc



IB R RO 15 eco



LABLIFT m



IKA Plate Adapter



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

WiCo RET control-visc	Wireless remote control	0020007259	USD 747	MYR 3,063
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COVERS

H 102	Cover for RH basic	0004281600	USD 38	MYR 156
H 103	Cover for RH digital	0004299100	USD 38	MYR 156
H 100	Cover for RCT basic and RET basic	0003661000	USD 54	MYR 221
H 104	Cover for RET control-visc	0004209500	USD 38	MYR 156

MAINS CABLES

H 11	Mains cable Euro plug	0001091500	USD 68	MYR 279
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 1,069	MYR 4,383
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LABLIFT

LABLIFT m	Up to 25 kg (max. static load)	0004022400	USD 532	MYR 2,181
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IKA PLATE ADAPTER

IKA Plate Adapter	Heating block adapter for RCT 5 digital, C-MAG 7 and 10	0025001022	USD 323	MYR 1,324
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BEAKER CAP

BC 1000	Beaker cap	0020003417	USD 29	MYR 119
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LABORATORY SOFTWARE

labworldsoft® 6 Starter

USD 6,369 | MYR 26,113

Ident. No. 0020019397

labworldsoft® 6 Pro

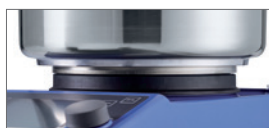
USD 14,537 | MYR 59,602

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



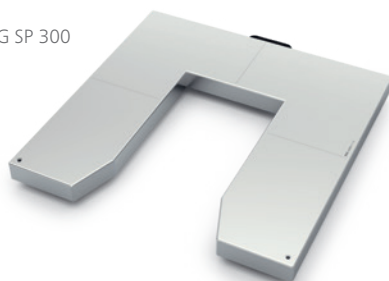
IKAFLON 90 slide



IKAFLON 118 float



RSE XL



I-MAG SP 300

Product	Description	Ident. No.	Price
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OIL BATH ATTACHMENTS

H 29	Oil bath attachment, 1 l	0002829400	USD 342	MYR 1,402
H 30	Oil bath attachment, 1.5 l	0002829500	USD 396	MYR 1,624

BEAKERS, STAINLESS STEEL

H 1000	Beaker, stainless steel, 1 l	0004444401	USD 424	MYR 1,738
H 1500	Beaker, stainless steel, 1.5 l	0004444501	USD 483	MYR 1,980
H 3000	Beaker, stainless steel, 3 l	0004444503	USD 559	MYR 2,292
H 5000	Beaker, stainless steel, 5 l	0004444505	USD 617	MYR 2,530

HEATING JACKETS

HG 600	Heating jacket for beaker 600 ml	0020003416	USD 243	MYR 996
HG 1000	Heating jacket for beaker 1000 ml	0020003415	USD 317	MYR 1,300

HOLDERS

H 16 V	Support rod	0001545100	USD 72	MYR 295
H 16.3	Extension for support rod	0025000622	USD 36	MYR 148
H 44	Boss head clamp	0002437700	USD 43	MYR 176
H 38	Holding rod	0003547700	USD 44	MYR 180

ACCESSORIES FOR I-MAG

IKAFLON 90 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 90 x 30 mm, 1 pc.	0020102963	USD 130	MYR 533
IKAFLON 140 slide	Magnetic stirring bar, PTFE round, with sliding ring (PEEK), 140 x 30 mm, 1 pc.	0020110382	On request	On request
IKAFLON 118 float	Magnetic stirring drive, PPS round, Ø 118 mm, 1 pc.	0020100638	USD 602	MYR 2,468
RSE XL	Stirring bar remover for I-MAG	0020100641	USD 503	MYR 2,062
I-MAG SP 150	Platform extension for I-MAG, for barrels up to 150 liters	0020102994	USD 574	MYR 2,353
I-MAG SP 300	Platform extension for I-MAG, for barrels up to 300 liters	0020102996	USD 861	MYR 3,530
I-MAG cart	Transport trolley and platform for I-MAG, for barrels up to 300 liters	0025008091	USD 1,867	MYR 7,655
I-MAG BR	Bracket for stand rod I-MAG	0020110383	On request	On request
I-MAG UHC	Universal holder for I-MAG controller	0020110381	On request	On request

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

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

NANOSTAR 7.5 digital

USD 1,254 | MYR 5,141

Ident. No. 0025004356

**MICROSTAR 7.5 digital**

USD 1,368 | MYR 5,609

Ident. No. 0025004715

**MICROSTAR 7.5 control**

USD 1,814 | MYR 7,437

Ident. No. 0025001984

Speed range:
50 – 2000 rpm**MICROSTAR 15 digital**

USD 1,471 | MYR 6,031

Ident. No. 0025004883

**MICROSTAR 15 control**

USD 2,148 | MYR 8,807

Ident. No. 0025001986

**MICROSTAR 30 digital**

USD 1,538 | MYR 6,306

Ident. No. 0025004884

**MICROSTAR 30 control**

USD 2,227 | MYR 9,131

Ident. No. 0025001987

Temperature
sensor included

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

MINISTAR 20 digital

USD 1,555 | MYR 6,376

Ident. No. 0025004885

**MINISTAR 20 control**

USD 1,957 | MYR 8,024

Ident. No. 0025001988

**MINISTAR 40 digital**

USD 1,965 | MYR 8,057

Ident. No. 0025004886

**MINISTAR 40 control**

USD 2,351 | MYR 9,639

Ident. No. 0025001989

Vibration sensor
included**MINISTAR 80 digital**

USD 2,189 | MYR 8,975

Ident. No. 0025004887

Power package:
80 Ncm**MINISTAR 80 control**

USD 2,552 | MYR 10,463

Ident. No. 0025001990

**TECHNICAL DATA**Stirring quantity max. (H₂O)**MINISTAR 20**
DIGITAL | CONTROL

15 l

Speed range

0 / 50 – 2000 rpm

Viscosity max.

10 000 mPas

Torque max. at stirring shaft

20 Ncm

Temperature measuring range

– | -10 – 350 °C

Torque measurement

– | Trend

Chuck range diameter

0.5 – 8.2 mm

Display

LED | LCD

Dimensions (W × H × D)

70 × 193 × 147 mm
70 × 193 × 154 mmProtection class according to
DIN EN 60529

IP 54

MINISTAR 40
DIGITAL | CONTROL

25 l

0 / 50 – 1000 rpm
0 / 30 – 1000 rpm

30 000 mPas

40 Ncm

– | -10 – 350 °C

– | Trend

0.5 – 8.2 mm

LED | LCD

70 × 193 × 147 mm
70 × 193 × 154 mm

IP 54

MINISTAR 80
DIGITAL | CONTROL

50 l

0 / 50 – 500 rpm
0 / 30 – 500 rpm

60 000 mPas

80 Ncm

– | -10 – 350 °C

– | Trend

0.5 – 8.2 mm

LED | LCD

70 × 193 × 147 mm
70 × 193 × 154 mm

IP 54

EUROSTAR 20 digital

USD 1,496 | MYR 6,134

Ident. No. 0004442000

EUROSTAR 40 digital

USD 1,836 | MYR 7,528

Ident. No. 0004444000

EUROSTAR 60 digital

USD 2,107 | MYR 8,639

Ident. No. 0004446000

EUROSTAR 60 control

USD 2,990 | MYR 12,259

Ident. No. 0004440000



Quiet operation with
brushless DC motor

**EUROSTAR 100 digital**

USD 2,917 | MYR 11,960

Ident. No. 0004238100

EUROSTAR 100 control

USD 3,531 | MYR 14,477

Ident. No. 0004028500

EUROSTAR 200 digital

USD 4,113 | MYR 16,863

Ident. No. 0003990000

EUROSTAR 200 control

USD 4,642 | MYR 19,032

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 30 000 mPas	50 000 mPas	70 000 mPas	100 000 mPas
Torque max. at stirring shaft	20 Ncm 40 Ncm	60 Ncm	100 Ncm	I: 200 Ncm II: 40 Ncm
Chuck range diameter	0.5 – 10 mm	0.5 – 10 mm	0.5 – 10 mm	0.5 – 10 mm
Display	LED	LED TFT	LED TFT	LED TFT
Temperature measuring range	– –	– -10 – 350 °C	– -10 – 350 °C	– -10 – 350 °C
Dimensions (W x H x D)	86 x 248 x 208 mm	86 x 248 x 208 mm 86 x 267 x 230 mm	86 x 248 x 208 mm 86 x 267 x 230 mm	91 x 274 x 209 mm 91 x 297 x 231 mm
Protection class according to DIN EN 60529	IP 42	IP 42 IP 40	IP 42 IP 40	IP 42 IP 40

EUROSTAR 400 digital

USD 5,199 | MYR 21,316

Ident. No. 0004214000

**EUROSTAR 400 control**

USD 6,008 | MYR 24,633

Ident. No. 0004214100

EUROSTAR 20 high speed digital

USD 2,531 | MYR 10,377

Ident. No. 0004028600

**EUROSTAR 20 high speed control**

USD 4,421 | MYR 18,126

Ident. No. 0025001314

EUROSTAR 100 P4 control

USD 5,108 | MYR 20,943

Ident. No. 0025004384

**EUROSTAR 200 P4 control**

USD 6,288 | MYR 25,781

Ident. No. 0004090000

**TECHNICAL DATA**Stirring quantity max. (H₂O)**EUROSTAR 400
DIGITAL | CONTROL**

150 l

Speed range

I: 6 – 400 rpm
II: 30 – 2000 rpm

Viscosity max.

100 000 mPas

Torque max. at stirring shaft

I: 400 Ncm
II: 80 Ncm

Chuck range diameter

3 – 16 mm

Display

LED | TFT

Temperature measuring range

– | -10 – 350 °C

Dimensions (W × H × D)

114 × 325 × 245 mm
114 × 345 × 268 mmProtection class according to
DIN EN 60529

IP 42 | IP 40

**EUROSTAR 20
HIGH SPEED
DIGITAL | CONTROL**

20 l

0 / 150 – 6000 rpm

10 000 mPas

20 Ncm

–

LED | TFT

– | -10 – 350 °C

86 × 325 × 208 mm
86 × 325 × 230 mm

IP 42 | IP 40

**EUROSTAR 100
P4 CONTROL**

100 l

10 – 300 rpm

100 000 mPas

320 Ncm

0.5 – 10 mm

TFT

-10 – 350 °C

86 × 352 × 230 mm

IP 40

**EUROSTAR 200
P4 CONTROL**

100 l

I: 0 / 4 – 108 rpm
II: 16 – 530 rpm

150 000 mPas

I: 660 Ncm
II: 130 Ncm

0.5 – 10 mm

TFT

-10 – 350 °C

91 × 379 × 231 mm

IP 40

RW 20 digital

USD 858 | MYR 3,518

Ident. No. 0003593000

**RW 28 digital**

USD 3,987 | MYR 16,347

Ident. No. 0005040000

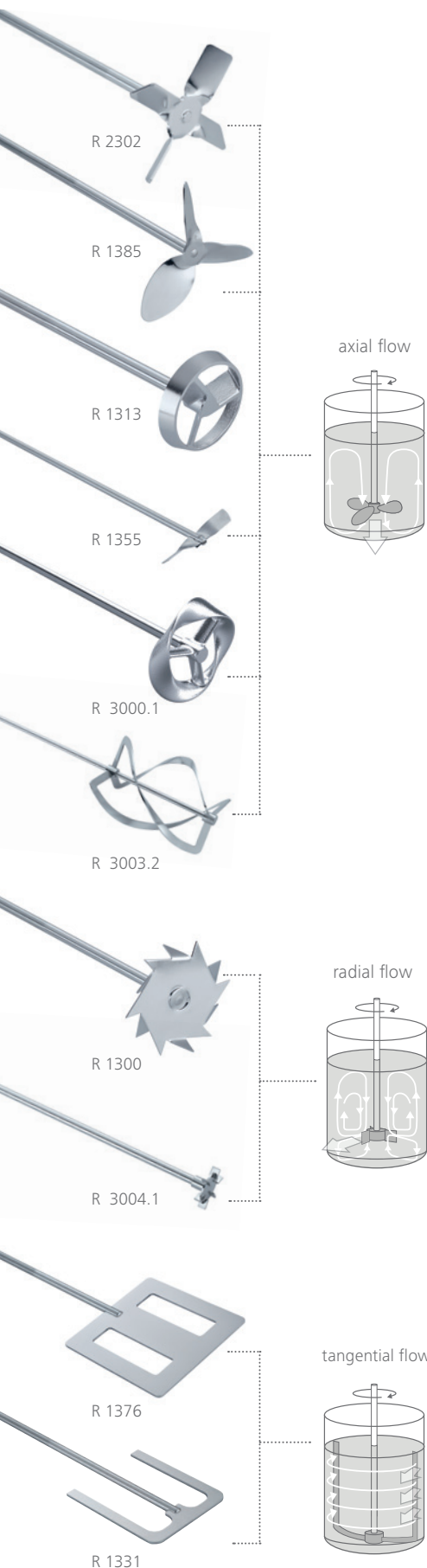
**RW 47 digital**

USD 8,036 | MYR 32,948

Ident. No. 0004050000



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



	Shaft length Shaft diameter Stirrer diameter				
Product		Max. speed	Ident. No.	Price	
PROPELLER STIRRERS, 4-BLADED					
R 1342	350 8 50 mm	≤ 2000 rpm	0000741000	USD 103	MYR 422
R 1345	550 8 100 mm	≤ 800 rpm	0000741300	USD 354	MYR 1,451
R 2302	800 13 150 mm	≤ 600 rpm	0000739000	USD 455	MYR 1,866
PROPELLER STIRRERS, 3-BLADED					
R 1381	350 8 45 mm	≤ 2000 rpm	0001296000	USD 573	MYR 2,349
R 1382	350 8 55 mm	≤ 2000 rpm	0001295900	USD 615	MYR 2,522
R 1385	550 10 140 mm	≤ 800 rpm	0000477700	USD 292	MYR 1,197
R 1388	800 10 140 mm	≤ 400 rpm	0000477800	USD 366	MYR 1,501
R 1389*	350 8 75 mm	≤ 800 rpm	0002343600	USD 983	MYR 4,030
TURBINE STIRRERS					
R 1311	350 8 30 mm	≤ 2000 rpm	0002332900	USD 440	MYR 1,804
R 1312	350 8 50 mm	≤ 2000 rpm	0002333000	USD 477	MYR 1,956
R 1313	400 10 70 mm	≤ 800 rpm	0002333100	USD 613	MYR 2,513
CENTRIFUGAL STIRRERS					
R 1352	350 8 60/15 mm	≤ 2000 rpm	0000756900	USD 332	MYR 1,361
R 1355	550 8 100/24 mm	≤ 800 rpm	0001132700	USD 414	MYR 1,697
DISSOLVER STIRRERS					
R 1300	350 8 80 mm	≤ 2000 rpm	0000513500	USD 405	MYR 1,661
R 1302	350 10 100 mm	≤ 1000 rpm	0002387900	USD 532	MYR 2,181
R 1303	350 8 40 mm	≤ 2000 rpm	0002746700	USD 586	MYR 2,403
PADDLE STIRRERS					
R 1375	550 8 70 mm	≤ 800 rpm	0000757700	USD 403	MYR 1,652
R 1376	550 10 150 mm	≤ 800 rpm	0000757800	USD 425	MYR 1,743
R 2311	800 13 150 mm	≤ 600 rpm	0000739500	USD 1,068	MYR 4,379
ANCHOR STIRRERS					
R 1330	350 8 45 mm	≤ 1000 rpm	0002022300	USD 383	MYR 1,570
R 1331	350 8 90 mm	≤ 1000 rpm	0002022400	USD 435	MYR 1,784
R 1333	550 10 150 mm	≤ 800 rpm	0002747400	USD 528	MYR 2,165
MOEBIUS STIRRERS					
R 3000.1	565 10 100 mm	≤ 800 rpm	0020001192	USD 683	MYR 2,800
R 3001.1	575 10 100 mm	≤ 800 rpm	0020001195	USD 688	MYR 2,821
SPIRAL STIRRERS					
R 3003	350 8 50 mm	≤ 800 rpm	0020001203	USD 574	MYR 2,353
R 3003.1	550 10 100 mm	≤ 800 rpm	0020001204	USD 803	MYR 3,292
R 3003.2	800 10 150 mm	≤ 800 rpm	0020001205	USD 1,025	MYR 4,203
BLADE STIRRERS					
R 3004	359 8 30 mm	≤ 1000 rpm	0020001206	USD 457	MYR 1,874
R 3004.1	565 10 50 mm	≤ 1000 rpm	0020001207	USD 683	MYR 2,800
R 3004.2	819 10 70 mm	≤ 1000 rpm	0020001208	USD 914	MYR 3,747
PADDLE STIRRERS SCREW-TYPE STIRRERS					
R 1001	160 4 34 mm	2000 rpm	0000527400	USD 216	MYR 886
R 1002	140 4 12 mm	2000 rpm	0000527500	USD 184	MYR 754

* (PTFE-coated)

++ IKA recommended | + Installable | – Not compatible



H 67.60

H 66.53

IKA [scale]



R 2723

Product	Ident. No.	Price		NANOSTAR digital	MICRO-STARS digital control	MINISTARS digital control
TEMPERATURE SENSORS						
H 67.60 stainless steel	0025006664	USD 192	MYR 787	–	control	control
H 67.61 stainless steel	0025007920	USD 371	MYR 1,521	–	control	control
H 68.55 stainless steel	0025007921	USD 396	MYR 1,624	–	control	control
H 70 extension cable	0002735600	USD 478	MYR 1,960	–	control	control
SENSORS IN COMBINATION WITH H 70						
H 62.51 stainless steel	0002735451	USD 147	MYR 603	–	control	control
H 66.51 glass-coated	0002735551	USD 564	MYR 2,312	–	control	control
H 66.53 coated	0004499900	USD 445	MYR 1,825	–	control	control
STANDS						
Plate stands						
IKA [scale]	0025004318	USD 1,278	MYR 5,240	++	++	++
R 1825	0003160000	USD 366	MYR 1,501	++	++	++
R 1826	0003160100	USD 244	MYR 1,000	++	++	++
R 1827	0003160200	USD 426	MYR 1,747	++	++	++
H-stand						
R 2722	0001412000	USD 1,198	MYR 4,912	–	++	++
Telescopic stands						
R 2723	0001412100	USD 1,109	MYR 4,547	–	++	++
R 474	0001643000	USD 3,207	MYR 13,149	–	–	–
Floor stands						
R 472	0000738700	USD 6,583	MYR 26,990	–	–	–
R 2850	0020002900	USD 4,430	MYR 18,163	–	–	–
R 6547 H	0020018378	USD 12,660	MYR 51,906	–	–	–
R 6547 E 400V	0020018384	On request	On request	–	–	–

CLAMPS // Compatibility with stands (++ / –)

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

R 270

R 271

RH 3

EUROSTAR 20 40 digital	EUROSTAR 60 digital control	EUROSTAR 100 digital control	EUROSTAR 200 digital control	EUROSTAR 400 digital control	EUROSTAR 100 & 200 control P4	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	–	–	–
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++ IKA recommended | + Installable | – Not compatible



R 1401



R 1402



R 301



R 60



Product	Description	Ident. No.	Price	
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ACCESSORIES EUROSTAR 20 HIGH SPEED DIGITAL AND CONTROL

R 1401	Propeller, Ø 55 mm	0001242900	USD 496	MYR 2,034
R 1405	Propeller, Ø 45 mm	0001289800	USD 438	MYR 1,796
R 1402	Dissolver, Ø 42 mm	0001243300	USD 496	MYR 2,034

ACCESSORIES FOR PROTECTION AND SAFETY

R 301	Stirring shaft protection	0002603000	USD 410	MYR 1,681
R 301.1	Support holder for R 301	0002604000	USD 488	MYR 2,001
R 303	Stirring shaft protection	0030000257	USD 777	MYR 3,186
SI 400	Safety switch	0003294800	USD 1,881	MYR 7,712
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	USD 1,812	MYR 7,429
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	USD 796	MYR 3,264

FURTHER ACCESSORIES

WH 11	Wall mount for WiCo	0025001500	USD 48	MYR 197
FK 1	Flexible coupling	0002336000	USD 566	MYR 2,321
R 60	Keyless chuck	0003889500	USD 182	MYR 746
R 60.1	Keyless chuck	0025007821	USD 155	MYR 636

LABORATORY SOFTWARE
labworldsoft® 6 Starter

USD 6,369 | MYR 26,113
Ident. No. 0020019397

labworldsoft® 6 Pro

USD 14,537 | MYR 59,602
Ident. No. 0020017366

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



SAFETY FIRST

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

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

MATRIX ORBITAL DELTA PLUS

/// The thermoshaker with cooling feature

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



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.

SIMPLY USER-FRIENDLY

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

ACCESSORIES FOR LIFE SCIENCE APPLICATIONS

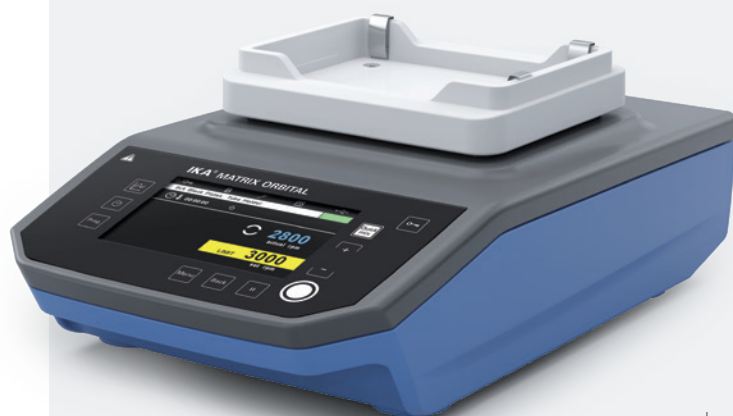
All of the equipment in the IKA MATRIX range can be combined with the most varied of micro-titration plates, deep well plates, Eppendorf reaction vessels, PCR strips, Greiner tubes, micro-plates and cuvettes. The IKA ThermoCover prevents the formation of condensation on the vessel cover, meaning that the sample concentration remains constant. And a temperature sensor in the attachment ensures both accuracy and homogeneity.

MATRIX Orbital

USD 2,583 | MYR 10,590

Ident. No. 0030000627

Mixing

① **MATRIX Orbital Δ FP**

USD 3,495 | MYR 14,330

Ident. No. 0030000751

② **MATRIX Orbital Δ F0.5**

USD 3,495 | MYR 14,330

Ident. No. 0030000747

③ **MATRIX Orbital Δ F1.5**

USD 3,495 | MYR 14,330

Ident. No. 0030000750

④ **MATRIX Orbital Δ F2.0**

USD 3,495 | MYR 14,330

Ident. No. 0030000753

Mixing & heating

**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 2,583 | MYR 10,590

Ident. No. 0030000717

Heating & cooling



Mixing, heating & cooling

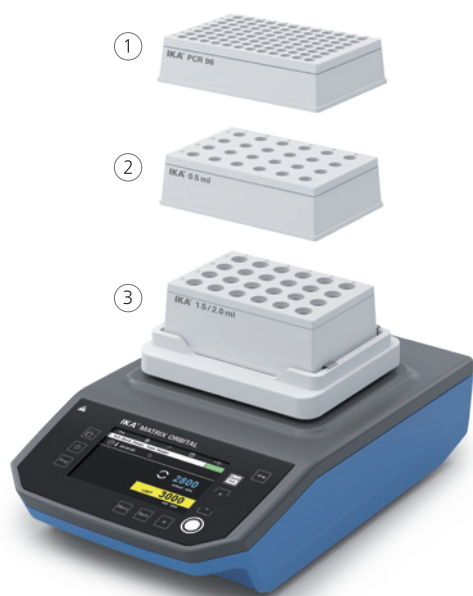
MATRIX Orbital Δ+

USD 3,647 | MYR 14,953

Ident. No. 0030000731



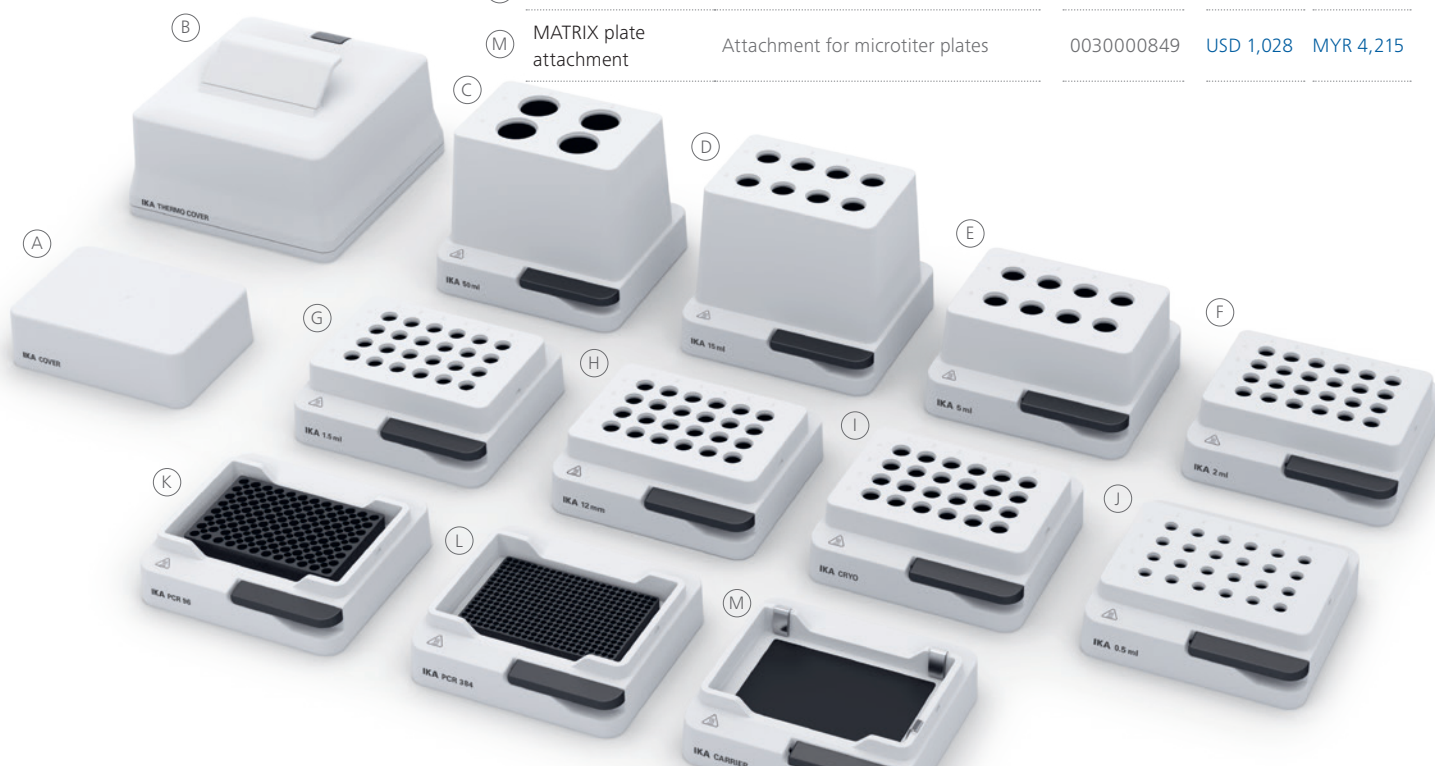
TECHNICAL DATA	MATRIX Δ+	MATRIX ORBITAL Δ+
Type of movement	–	Orbital
Speed range	–	300 – 3000 rpm
Shaking stroke	–	3 mm
Heating range	RT -30 °C – 110 °C	RT -15 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation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



Product	Description	Ident. No.	Price
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ACCESSORIES THERMOSHAKERS

(A)	MATRIX Cover	Cover	0030001253	USD 160	MYR 656
(B)	MATRIX Thermo Cover	Cover, heatable	0030001244	USD 807	MYR 3,309
(K)	MATRIX PCR 96 attachment	Attachment for 96 PCR plates	0030000853	USD 968	MYR 3,969
(L)	MATRIX PCR 384 attachment	Attachment for 384 PCR plates	0030000857	USD 968	MYR 3,969
(J)	MATRIX 0.5 ml attachment	Attachment for vials, 24 × 0.5 ml vials	0030000840	USD 807	MYR 3,309
(G)	MATRIX 1.5 ml attachment	Attachment for vials, 24 × 1.5 ml vials	0030000829	USD 807	MYR 3,309
(F)	MATRIX 2.0 ml attachment	Attachment for vials, 24 × 2.0 ml vials	0030000834	USD 807	MYR 3,309
(E)	MATRIX 5 ml attachment	Attachment for vials, 8 × 5 ml vials	0030000859	USD 807	MYR 3,309
(H)	MATRIX 12 mm attachment	Attachment for vials, 24 × 12 mm vials	0030000844	USD 807	MYR 3,309
(D)	MATRIX 15 ml attachment	Attachment for vials, 8 × 15 ml vials	0030000821	USD 807	MYR 3,309
(C)	MATRIX 50 ml attachment	Attachment for vials, 4 × 50 ml vials	0030000863	USD 807	MYR 3,309
(I)	MATRIX Cryo attachment	Attachment for vials, 24 × cryo vials	0030000848	USD 807	MYR 3,309
(3)	MATRIX 0.5 ml insert	Insert for 0.5 ml vials	0030001157	USD 64	MYR 262
(2)	MATRIX 1.5 / 2.0 ml insert	Insert for 1.5 / 2.0 ml vials	0030001158	USD 64	MYR 262
(1)	MATRIX PCR insert	Insert for 0.2 ml PCR vials	0030001159	USD 64	MYR 262
(M)	MATRIX plate attachment	Attachment for microtiter plates	0030000849	USD 1,028	MYR 4,215



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

/// Incubation 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.

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.

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.

① **KS 3000 i control**

USD 8,347 | MYR 34,223

Ident. No. 0003940000

② **KS 3000 ic control**

USD 10,241 | MYR 41,988

Ident. No. 0003940100

KS 3000 ic with
built-in cooling coilAllows unattended
operation① **KS 4000 i control**

USD 9,056 | MYR 37,130

Ident. No. 0003510000

② **KS 4000 ic control**

USD 11,208 | MYR 45,953

Ident. No. 0003510100



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 × H × D)	465 × 430 × 695 mm	580 × 525 × 750 mm
Protection class according to DIN EN 60529	IP 30	IP 30

① **ROCKER 2D basic**
USD 1,215 | MYR 4,982
Ident. No. 0004002000

② **ROCKER 2D digital**
USD 1,278 | MYR 5,240
Ident. No. 0004003000



① **ROCKER 3D basic**
USD 1,464 | MYR 6,002
Ident. No. 0004000000

② **ROCKER 3D digital**
USD 1,587 | MYR 6,507
Ident. No. 0004001000



Adjustable shaking
angle: 2.5 – 15°

① **ROLLER 6 basic**
USD 2,244 | MYR 9,200
Ident. No. 0004010000

② **ROLLER 6 digital**
USD 2,681 | MYR 10,992
Ident. No. 0004011000



ROLLER 10 basic
USD 2,667 | MYR 10,935
Ident. No. 0004012000

② **ROLLER 10 digital**
USD 2,973 | MYR 12,189
Ident. No. 0004013000



Removable rolls



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

① **Loopster basic**

USD 1,051 | MYR 4,309

Ident. No. 0004015000

② **Loopster digital**

USD 1,282 | MYR 5,256

Ident. No. 0004016000

① **Trayster basic**

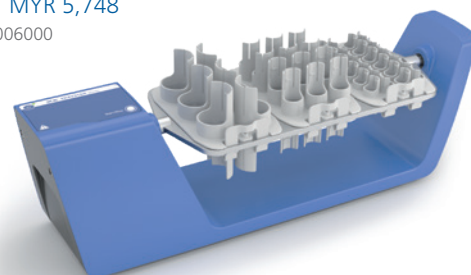
USD 1,271 | MYR 5,211

Ident. No. 0004005000

② **Trayster digital**

USD 1,402 | MYR 5,748

Ident. No. 0004006000

① **Hula Dancer basic**

USD 573 | MYR 2,349

Ident. No. 0025004320

② **Hula Dancer digital**

USD 667 | MYR 2,735

Ident. No. 0025003634

① **MS 3 basic**

USD 683 | MYR 2,800

Ident. No. 0003617000

② **MS 3 digital**

USD 794 | MYR 3,255

Ident. No. 0003319000

③ **MS 3 control**

USD 1,455 | MYR 5,966

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

VORTEX 2

Price on request

Ident. No. 0025000258

**VORTEX 3**

USD 472 | MYR 1,935

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 × H × D)	120 × 140 × 138 mm	127 × 136 × 149 mm
Protection class according to DIN EN 60529	IP 21	IP 21

VORTEX 1

USD 287 | MYR 1,177

Ident. No. 0004047700

**VXR basic Vibrax®**

USD 1,401 | MYR 5,744

Ident. No. 0002819000

**MTS 2/4 digital**

USD 1,898 | MYR 7,782

Ident. No. 0003208000

For shaking two or four microtiter plates

**lab dancer**

USD 211 | MYR 865

Ident. No. 0003365000



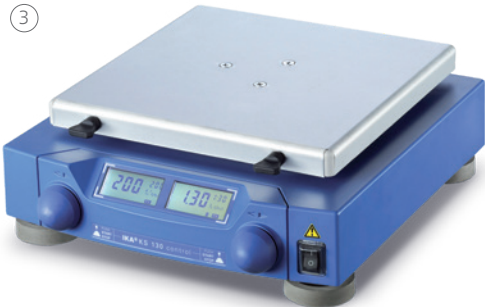
TECHNICAL DATA	VORTEX 1	VXR BASIC VIBRAX®	MTS 2/4 DIGITAL	LAB DANCER
Type of movement	Orbital	Orbital	Orbital	Orbital
Speed range	1000 – 2800 rpm	100 – 2200 rpm	50 – 1100 rpm	2800 rpm
Timer	–	–	Yes	–
Speed display	–	Scale	Scale	–
Operating mode	Touch operation	Continuous operation	Timer and continuous operation	Touch operation
Permissible shaking weight (incl. attachment)	0.1 kg	2 kg	1 kg; 2/4 MT-plates	0.1 kg
Dimensions (W × H × D)	95 × 70 × 110 mm	157 × 130 × 247 mm	185 × 105 × 320 mm	100 × 70 × 100 mm
Protection class according to DIN EN 60529	IP 40	IP 21	IP 21	IP 40

- ①

KS 130 basic
USD 1,596 | MYR 6,544
Ident. No. 0002980000
- ②

KS 130 control
USD 3,071 | MYR 12,591
Ident. No. 0002980100
- ③

KS 130 control NOL
USD 2,334 | MYR 9,569.00
Ident. No. 0004278200



- ①

KS 260 basic
USD 2,065 | MYR 8,467
Ident. No. 0002980200
- ②

KS 260 control
USD 4,178 | MYR 17,130
Ident. No. 0002980300
- ③

KS 260 control NOL
USD 3,318 | MYR 13,604
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 2,162 | MYR 8,864
Ident. No. 0003066600

② **HS 260 control**
USD 4,079 | MYR 16,724
Ident. No. 0003066700

③ **HS 260 control NOL**
USD 3,326 | MYR 13,637
Ident. No. 0004278600



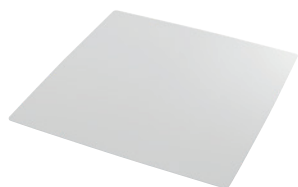
① **HS 501 digital**
USD 7,251 | MYR 29,729
Ident. No. 0025002982

② **KS 501 digital**
USD 7,251 | MYR 29,729
Ident. No. 0025002985



15 kg permissible
shaking weight

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



RD 1



TB 1



TB 3

DS 2
Tube attachmentDS 4
Tube attachment

DS 6.1



DS 6.2



DS 6.3



DS 6.4



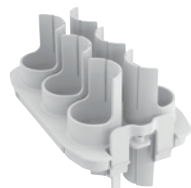
TR 1



TR 2



TR 3



TR 4

Product	Description	Ident. No.	Price	
ACCESSORIES ROCKER				
A 2	Second level attachment	0004581700	USD 115	MYR 472
RD 1	Universal mat	0004532000	USD 33	MYR 135
RD 2	Burled mat	0004532100	USD 38	MYR 156
TB 1	Tray, 24 x 5 ml, Ø 12 mm	0004532200	USD 72	MYR 295
TB 2	Tray, 12 x 15 ml, Ø 16 mm	0004532300	USD 72	MYR 295
TB 3	Tray, 10 x 30 ml, Ø 25 mm	0004532400	USD 72	MYR 295
TB 4	Tray, 8 x 30 ml, Ø 28 mm	0004532500	USD 72	MYR 295

ACCESSORIES LOOPSTER				
DS 1	Tube attachment, 48 x 1.5 ml, Ø 10 mm	0004524000	USD 305	MYR 1,251
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	USD 252	MYR 1,033
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	USD 252	MYR 1,033
DS 4	Tube attachment, 2 x 30 ml, Ø 25 mm	0004524300	USD 252	MYR 1,033
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	USD 252	MYR 1,033
DS 6	Universal disc	0004524500	USD 235	MYR 964
DS 6.1	Spare clips, Ø 10 mm, 12 pcs.	0004524600	USD 48	MYR 197
DS 6.2	Spare clips, Ø 12 mm, 12 pcs.	0004524700	USD 50	MYR 205
DS 6.3	Spare clips, Ø 16 mm, 12 pcs.	0004524800	USD 51	MYR 209
DS 6.4	Spare clips, Ø 25 mm, 12 pcs.	0004524900	USD 54	MYR 221
DS 6.5	Spare clips, Ø 28 mm, 12 pcs.	0004525000	USD 57	MYR 234

ACCESSORIES TRAYSTER				
TR 1	Tube insert, 24 x 1.5 ml, Ø 10 mm	0004525100	USD 85	MYR 349
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	USD 82	MYR 336
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	USD 82	MYR 336
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	USD 82	MYR 336



Product	Description	Ident. No.	Price	
ACCESSORIES MS 3 BASIC DIGITAL CONTROL				
MS 3.1	Standard attachment	0003426300	USD 52	MYR 213
MS 3.3	Universal attachment	0003426600	USD 52	MYR 213
MS 1.21	One-hand insert	L001540	USD 63	MYR 258
MS 1.30	Attachment for 0.5 ml tubes	0025005776	USD 71	MYR 291
MS 1.31	Test tube insert, 14 × Ø 10 mm	L001840	USD 117	MYR 480
MS 1.32	Test tube insert, 6 × Ø 12 mm	L001850	USD 117	MYR 480
MS 1.33	Test tube insert, 4 × Ø 16 mm	L001860	USD 117	MYR 480
MS 1.34	Test tube insert	L001830	USD 68	MYR 279
MS 3.4	Microtiter plate attachment	0003426400	USD 130	MYR 533
MS 3.5	PCR plate attachment, 96-well	0003428000	USD 151	MYR 619

ACCESSORIES VORTEX 2 | VORTEX 3



VG 3.1	Standard attachment	0003341200	USD 21	MYR 86
VG 3.2	One-hand attachment	0003342300	USD 37	MYR 152
VG 3.21	Rubber mat	0020008398	USD 30	MYR 123
VG 3.3	Universal attachment, 150 mm	0003342400	USD 44	MYR 180
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	USD 41	MYR 168
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	USD 104	MYR 426
VG 3.32	Test tube attachment, 18 × Ø 10 mm	0003343900	USD 57	MYR 234
VG 3.33	Test tube attachment, 12 × Ø 12 mm	0003344000	USD 56	MYR 230
VG 3.34	Test tube attachment, 8 × Ø 16 mm	0003344100	USD 56	MYR 230
VG 3.35	Test tube attachment, 8 × Ø 20 mm	0003344200	USD 56	MYR 230
VG 3.36	Erlenmeyer flask attachment, 100 – 250 ml	0003342100	USD 46	MYR 189
VG 3.37	Microtiter plate attachment	0003344400	USD 47	MYR 193



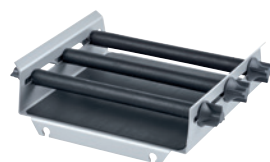
VX 2E.n



VX 2



VX 11.1



AS 130.1



AS 260.3



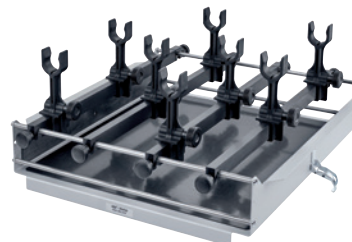
AS 1.10



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 214	MYR 877
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	USD 884	MYR 3,624
VX 2E.n	Eppendorf attachment, 64 × 1.5 ml	0020018016	USD 915	MYR 3,752
VX 7	Dish attachment	0000953300	USD 634	MYR 2,599
VX 8	Universal attachment	0000910400	USD 1,449	MYR 5,941
VX 11	Basic holder	0003627700	USD 360	MYR 1,476
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	USD 325	MYR 1,333
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	USD 325	MYR 1,333
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	USD 290	MYR 1,189
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	USD 290	MYR 1,189
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	USD 155	MYR 636
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	USD 155	MYR 636
VX 8.1	Clamping roll	0003375400	USD 151	MYR 619

ACCESSORIES KS 130 BASIC | CONTROL

AS 130.1	Universal attachment	0008017300	USD 432	MYR 1,771
AS 130.2	Fixing clip attachment	0003115000	USD 242	MYR 992
AS 130.3	Dish attachment	0003120000	USD 164	MYR 672
AS 130.4	Test tube attachment	0003120300	USD 458	MYR 1,878

ACCESSORIES KS | HS 260 BASIC | CONTROL AND KS 3000

AS 260.1	Universal attachment	0008017400	USD 458	MYR 1,878
AS 260.2	Fixing clip attachment	0003115500	USD 305	MYR 1,251
AS 260.3	Dish attachment	0003120600	USD 167	MYR 685
AS 260.5	Separating funnel attachment	0003120900	USD 1,426	MYR 5,847

ACCESSORIES KS | HS 501 DIGITAL

AS 501.1	Universal attachment	0008000200	USD 2,493	MYR 10,221
AS 501.2	Separating funnel attachment	0008000300	USD 4,626	MYR 18,967
AS 501.3	Separating funnel attachment	0008000400	USD 3,574	MYR 14,653
AS 501.4	Fixing clip attachment	0002341100	USD 2,708	MYR 11,103
AS 501.5	Dish attachment	0002339600	USD 551	MYR 2,259
AS 501.6	Separating funnel attachment	0008000500	USD 4,710	MYR 19,311



AS 1.400



AS 4000.1

Product	Description	Ident. No.	Price
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ACCESSORIES KS 4000 I | IC CONTROL

AS 4000.1	Universal attachment	0008022200	USD 2,059	MYR 8,442
AS 4000.2	Fixing clip attachment	0003710100	USD 1,653	MYR 6,777
AS 4000.3	Dish attachment	0003710000	USD 541	MYR 2,218
AS 1.400	Basic holder for AS 4000.1	0003710200	USD 1,550	MYR 6,355
AS 1.401	Clamping roll for AS 4000.1	0003712000	USD 160	MYR 656
AS 1.402	Fastening screw for AS 4000.1	0003712300	USD 33	MYR 135

ACCESSORIES

AS 1.30	Basic holder for AS 130.1	0003148000	USD 705	MYR 2,891
AS 1.60	Basic holder for AS 260.1	0003149000	USD 1,249	MYR 5,121
AS 1.10	Basic holder for AS 501.1	0002339700	USD 1,839	MYR 7,540
AS 1.31	Clamping roll for AS 130.1	0003030500	USD 84	MYR 344
AS 1.61	Clamping roll for AS 260.1	0003030501	USD 100	MYR 410
AS 1.11	Clamping roll for AS 501.1	0002339800	USD 183	MYR 750
AS 1.6	Clamping device for AS 501.1	0001268400	USD 140	MYR 574
AS 1.7	Clamping device for AS 501.1	0001269200	USD 176	MYR 722
AS 1.12	Supporting bar for AS 1.10	0002594500	USD 353	MYR 1,447
AS 1.13	Ground section holder for AS 1.10	0002597000	USD 343	MYR 1,406
STICKMAX	Universal adhesive mat	0003920000	USD 209	MYR 857
AS 2.0	Fixing clips, 10 ml	0020016475	USD 72	MYR 295
AS 2.1	Fixing clips, 25 ml	0001234300	USD 44	MYR 180
AS 2.2	Fixing clips, 50 ml	0001234400	USD 44	MYR 180
AS 2.3	Fixing clips, 100 ml	0001234500	USD 44	MYR 180
AS 2.4	Fixing clips, 200 250 ml	0001234600	USD 84	MYR 344
AS 2.5	Fixing clips, 500 ml	0001234700	USD 84	MYR 344
AS 2.6	Fixing clips, 1000 ml	0003819300	USD 83	MYR 340
AS 2.7	Fixing clips, 2000 ml	0020016476	USD 103	MYR 422



AS 1.30



AS 1.31



AS 1.7



AS 1.13



AS 2.1



AS 2.4



AS 2.6



STICKMAX

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

T 25 EASY CLEAN DIGITAL AND CONTROL ULTRA-TURRAX®

/// The new dispersing experience

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



ELECTRONICALLY COMMUTATED MOTOR

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

EASY CLEANING

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

INTEGRATED TEMPERATURE MEASUREMENT

Yet another highlight is the patented, integrated temperature measurement in the T 25 easy clean control version. The temperature sensor is integrated into the tool and thus enables the permanent monitoring of the medium temperature.

ULTRA-TURRAX® Tube Drive

USD 1,785 | MYR 7,319

Ident. No. 0003646000



ULTRA-TURRAX® Tube Drive
P control Workstation

USD 2,261 | MYR 9,270

Ident. No. 0025005836



ULTRA-TURRAX® Tube Drive
P control

USD 2,174 | MYR 8,913

Ident. No. 0025005981



TECHNICAL DATA	UTTD® TUBE DRIVE	UTTD® TUBE DRIVE P CONTROL	UTTD® TUBE DRIVE P CONTROL WORKSTATION
Process type	Batch	Batch	Batch
Speed range	300 – 6000 rpm	400 – 8000 rpm	400 – 8000 rpm
Timer	–	OLED	OLED
Noise without element	50 dB(A)	50 dB(A)	50 dB(A)
Reversible direction of rotation	–	Yes	Yes
Viscosity max.	5000 mPas	5000 mPas	5000 mPas
Dimensions (W x H x D)	100 x 40 x 160 mm	122 x 54 x 178 mm	122 x 54 x 178 mm
Dimension case (W x H x D)			270 x 78 x 225 mm
Protection class according to DIN EN 60529	IP 20	IP 20	IP 20



ST-20

ST-50-M

Product	Description	Ident. No.	Price	
ST TUBES WITH STIRRING ELEMENT				
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	USD 258	MYR 1,058
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs., membrane lid	0003700500	USD 362	MYR 1,484
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	USD 132	MYR 541
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	USD 226	MYR 927



DT-20

DT-50-M

DT TUBES WITH ROTOR-STATOR ELEMENT				
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	USD 284	MYR 1,164
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	USD 406	MYR 1,665
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	USD 307	MYR 1,259
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	USD 147	MYR 603
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	USD 212	MYR 869
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	USD 140	MYR 574



BMT-20-G-M

BMT-20-S-IVD.50

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 270	MYR 1,107
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	USD 270	MYR 1,107
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	USD 362	MYR 1,484
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	USD 505	MYR 2,071
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 203	MYR 832
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	USD 203	MYR 832
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	USD 276	MYR 1,132



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 168	MYR 689
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	USD 202	MYR 828
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	USD 261	MYR 1,070
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	USD 1,269	MYR 5,203
TUBES WITH DISSOLVER ELEMENT				
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	USD 261	MYR 1,070
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	USD 1,269	MYR 5,203
COVERS				
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	USD 143	MYR 586
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	USD 143	MYR 586
BALLS FOR BMT TUBE				
Glass balls 6	Glass balls, 250 g	0003599200	USD 87	MYR 357
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	USD 83	MYR 340
FURTHER ACCESSORIES FOR UTTD				
CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	USD 92	MYR 377

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 microbiological 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

T 10 basic ULTRA-TURRAX®

USD 1,830 | MYR 7,503
Ident. No. 0003737000



T 18 digital ULTRA-TURRAX®

USD 1,870 | MYR 7,667
Ident. No. 0003720000



T 25 digital ULTRA-TURRAX®

USD 2,406 | MYR 9,865
Ident. No. 0003725000



T 50 digital ULTRA-TURRAX®

USD 4,391 | MYR 18,003
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 25 easy clean digital ULTRA-TURRAX®

USD 2,663 | MYR 10,918

Ident. No. 0025002560



T 25 easy clean control ULTRA-TURRAX®

USD 3,772 | MYR 15,465

Ident. No. 0025002500



Patented integrated
temperature
measurement

① T 65 basic ULTRA-TURRAX®

USD 4,916 | MYR 20,156

Ident. No. 0004023500

②



UTL 25 digital Inline ULTRA-TURRAX®

USD 13,841 | MYR 56,748

Ident. No. 0010006856



② T 65 digital ULTRA-TURRAX®

USD 10,887 | MYR 44,637

Ident. No. 0004234500

TECHNICAL DATA	T 25 EASY CLEAN DIGITAL CONTROL ULTRA-TURRAX®	T 65 BASIC ULTRA-TURRAX®	T 65 DIGITAL ULTRA-TURRAX®	UTL 25 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Inline
Speed range	3000 – 25 000 rpm	7200 rpm	1000 – 9500 rpm	6500 – 24000 rpm
Volume range (H ₂ O)	0.001 – 2.0 l	2 – 50 l	2 – 50 l	–
Speed control	Stepless	–	Stepless	Stepless
Noise without element	70 dB(A)	75 dB(A)	75 dB(A)	73 dB(A)
Extension arm length	160 mm	–	–	175 mm
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	–
Dimensions (W x H x D)	89 x 270 x 161 mm	185 x 450 x 400 mm	300 x 390 x 400 mm	450 x 120 x 100 mm
Protection class according to DIN EN 60529	IP 30	IP 54	IP 54	IP 54



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 1,871	MYR 7,671
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	USD 2,183	MYR 8,950
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	USD 1,174	MYR 4,813
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	USD 1,504	MYR 6,166
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	USD 1,356	MYR 5,560
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	USD 805	MYR 3,301
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	USD 914	MYR 3,747



DISPERSING ELEMENTS FOR T 18 DIGITAL				
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	USD 1,655	MYR 6,786
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	USD 1,501	MYR 6,154
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	USD 487	MYR 1,997
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	USD 487	MYR 1,997
S 18 25-ET50	Disposable tube	0003452500	USD 12	MYR 49



S 18 | 25 - ET50



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 2,785	MYR 11,419
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	USD 1,939	MYR 7,950
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	USD 2,102	MYR 8,618
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	USD 2,693	MYR 11,041
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	USD 2,549	MYR 10,451
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	USD 1,694	MYR 6,945
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	USD 1,441	MYR 5,908
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	USD 3,786	MYR 15,523
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	USD 1,931	MYR 7,917
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	USD 3,881	MYR 15,912
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	USD 2,262	MYR 9,274
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	USD 3,735	MYR 15,314
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	USD 3,269	MYR 13,403
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	USD 487	MYR 1,997
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	USD 487	MYR 1,997
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	USD 2,311	MYR 9,475
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	USD 2,894	MYR 11,865
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	USD 2,311	MYR 9,475
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	USD 2,894	MYR 11,865
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	USD 2,917	MYR 11,960
S 25 KD - LR - 25 G	Dispersing element, Ø 25 mm	0025007321	USD 2,826	MYR 11,587
S 25 KD - LR - 25 F	Dispersing element, Ø 25 mm	0025007322	USD 2,905	MYR 11,911
Silentstream	Flow breaker	0003754000	USD 51	MYR 209
S 18 25-ET50	Disposable tube	0003452500	USD 12	MYR 49
TS 25-3	Cleaning tool	0020003013	USD 170	MYR 697
CT.15	Cleaning tube	0020006595	On request	On request

Prevents
vortexing



Silentstream



TS 25-3

S 25 EC - C - 18 G - ST



S 25 EC - T - C - 25 F

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 1,843	MYR 7,556
S 25 EC - C - 25 G	Dispersing element, Ø 25 mm	0020108997	USD 1,921	MYR 7,876
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	USD 2,086	MYR 8,553
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	USD 1,995	MYR 8,180
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	USD 2,086	MYR 8,553
S 25 EC - T - C - 18 G	Dispersing element, Ø 18 mm, temperature sensor	0020108998	USD 2,167	MYR 8,885
S 25 EC - T - C - 25 G	Dispersing element, Ø 25 mm, temperature sensor	0020108999	USD 2,249	MYR 9,221
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature sensor	0025007398	USD 2,283	MYR 9,360
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	USD 2,812	MYR 11,529
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	USD 2,812	MYR 11,529
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	USD 114	MYR 467
WiCo T 25 easy clean control	Wireless remote control	0025006310	USD 1,102	MYR 4,518

DISPERSING ELEMENTS FOR T 50 DIGITAL

S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	USD 3,815	MYR 15,642
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	USD 5,159	MYR 21,152
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	USD 4,177	MYR 17,126
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	USD 4,553	MYR 18,667
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	USD 5,909	MYR 24,227
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	USD 5,909	MYR 24,227
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	USD 6,299	MYR 25,826
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	USD 6,512	MYR 26,699
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	USD 6,682	MYR 27,396
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	USD 6,681	MYR 27,392
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	USD 7,176	MYR 29,422
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	USD 7,445	MYR 30,525
R 50	Stirring shaft, high speed	0001689300	USD 3,963	MYR 16,248
R 1405	Propeller, Ø 45 mm	0001289800	USD 438	MYR 1,796
R 1402	Dissolver, Ø 42 mm	0001243300	USD 496	MYR 2,034
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	USD 5,463	MYR 22,398
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	USD 5,107	MYR 20,939

S 50 KG - HH - G 45 G - ST



S 50 N - W 65 SK





S 65 C - G 65 G



S 65 KD - G 65 M



D 80

Product	Description	Ident. No.	Price	
DISPERSING ELEMENTS FOR T 65 BASIC AND DIGITAL				
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	USD 6,729	MYR 27,589
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	USD 7,248	MYR 29,717
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	USD 7,566	MYR 31,021
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0008005500	USD 4,214	MYR 17,277
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0008005700	USD 4,377	MYR 17,946
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0008005900	USD 4,744	MYR 19,450
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	USD 6,751	MYR 27,679
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	USD 7,259	MYR 29,762
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	USD 7,570	MYR 31,037
D 60	Dissolver, Ø 60 mm	0020008388	USD 819	MYR 3,358
D 80	Dissolver, Ø 80 mm	0020008389	USD 936	MYR 3,838
INLINE DISPERSER SYSTEM - ACCESSORIES				
DK 25.11	Flow chamber	0002518000	USD 5,350	MYR 21,935
AD 25	Mounting support for DK 25.11	0002562500	USD 1,291	MYR 5,293
S 25 KV - 25 G-IL	Dispersing element	0002563000	USD 4,103	MYR 16,822
S 25 KV - 25 F-IL	Dispersing element	0002830200	USD 4,103	MYR 16,822

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 FFKM seals rings

C = Ceramic-coated bearing

KD = Ball bearing with PTFE seal and FFKM O-ring

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 4,732 | MYR 19,401

Ident. No. 0025002643

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

MultiDrive control MT Package

USD 4,782 | MYR 19,606

Ident. No. 0010007083

- › MultiDrive control base unit
- + TC 1 protective housing
- + Autoclavable disposable tubes MT 150.5 (5 pcs.)

FOR DRY
SAMPLES



MultiDrive basic*

USD 3,942 | MYR 16,162

Ident. No. 0025002638

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



MultiDrive control BT Package

USD 4,782 | MYR 19,606

Ident. No. 0010007086

- › MultiDrive control base unit
- + TC 1 protective housing
- + Autoclavable disposable tubes BT 250.5 (5 pcs.)

FOR WET
SAMPLES



MultiDrive basic M 20 Successor Package

USD 4,872 | MYR 19,975

Ident. No. 0010005893

- › MultiDrive basic base unit
- + MI 250, 250 ml milling chamber



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 × H × D)

300 × 350 × 250 mm

300 × 350 × 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 2,971 | MYR 12,181

Ident. No. 0004020700

**A 11 basic**

USD 2,153 | MYR 8,827

Ident. No. 0002900000

**M 20**

USD 9,280 | MYR 38,048

Ident. No. 0001603600

For dry grinding
of hard and brittle
substances

**MF 10 basic**

USD 5,265 | MYR 21,587

Ident. No. 0002836000

Two different grinding
heads can be attached to
the drive, **see Page 73**

**TECHNICAL DATA**

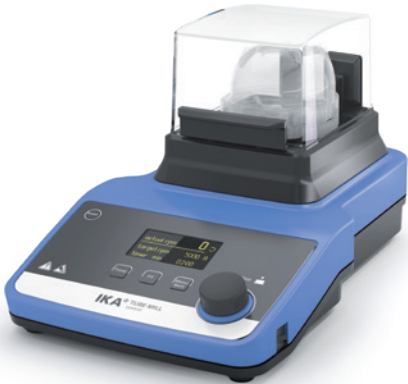
	A 10 BASIC	A 11 BASIC	M 20	MF 10 BASIC
Process type	Batch	Batch	Batch	Inline
Operating principle	Cutting / Impact	Cutting / Impact	Cutting / Impact	Cutting / Impact
Speed max.	25 000 rpm	28 000 rpm	20 000 rpm	3000 – 6500 rpm
Useable volume max.	50 ml	80 ml	250 ml	–
Feed hardness	5 Mohs	6 Mohs	5 Mohs	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 × H × D)	130 × 250 × 145 mm	85 × 240 × 85 mm	170 × 350 × 170 mm	320 × 380 × 300 mm
Protection class according to DIN EN 60529	IP 41	IP 43	IP 21	IP 22

Tube Mill 100 control
USD 4,116 | MYR 16,876
Ident. No. 0020007144

Designed for grinding chambers with max. 100 ml



Tube Mill control
USD 3,122 | MYR 12,800
Ident. No. 0004180000



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



BL 2000



MI 250



TC 1

Product	Description	Ident. No.	Price	
ACCESSORIES MULTIDRIVE				
BL 2000	Blender vessel, 2000 ml	0025003961	USD 875	MYR 3,588
BL 2000-T	Blender vessel, 2000 ml, Temperature measurement	0025003962	USD 1,049	MYR 4,301
MI 250	Milling chamber, 250 ml	0025003967	USD 1,049	MYR 4,301
MI 400	Milling chamber, 400 ml	0025003965	USD 1,223	MYR 5,014
MI 250-T	Milling chamber, 250 ml, Temperature measurement	0025003968	USD 1,223	MYR 5,014
MI 400-T	Milling chamber, 400 ml, Temperature measurement	0025003966	USD 1,400	MYR 5,740
MI 250 - S	Milling chamber, 250 ml, sealed	0020112097	On request	On request
MI 400 - S	Milling chamber, 400 ml, sealed	0020112099	On request	On request
MI 250 T-S	Milling chamber, 250 ml, temp. measurement, sealed	0020112098	On request	On request
MI 400 T-S	Milling chamber, 400 ml, temp. measurement, sealed	0020112100	On request	On request
DI 2000-T	Dispersing vessel, 2000 ml, Temperature measurement	0025003960	USD 1,574	MYR 6,453
BL 2000.1	Standard blend knife, stainless steel	0020023169	USD 172	MYR 705
MI 250.1	Standard beater, stainless steel	0020023166	USD 100	MYR 410
MI 250.2	Star-shaped cutter, stainless steel	0020023167	USD 201	MYR 824
MI 250.3	Beater, tungsten carbide	0020023168	USD 432	MYR 1,771
MI 400.1	Standard beater, stainless steel	0020023170	USD 129	MYR 529
MI 400.2	Star-shaped cutter, stainless steel	0020023171	USD 231	MYR 947
MI 400.3	Beater, tungsten carbide	0020023172	USD 476	MYR 1,952
TC 1	Protective housing for MT 150 and BT 250	0020023489	USD 218	MYR 894
MT 150.5*	Milling tube, autoclavable, 150 ml, 5 pcs. (incl. TS 1)	0020023173	USD 118	MYR 484
BT 250.5*	Blending tube, autoclavable, 250 ml, 5 pcs. (incl. TS 1)	0020023174	USD 125	MYR 513
TS 1	Spare seal with reactivation code, 5 pcs.	0020023490	USD 23	MYR 94

* TC 1 protective housing is mandatory to operate the tube

ACCESSORIES TUBE MILL CONTROL



MMT 40



MTT 40



MMT 100

MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	USD 153	MYR 627
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	USD 1,265	MYR 5,187
MTC 40/100.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	USD 117	MYR 480
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	USD 236	MYR 968
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	USD 160	MYR 656
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	USD 1,351	MYR 5,539
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	USD 185	MYR 759
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	USD 271	MYR 1,111
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	USD 844	MYR 3,460
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	USD 426	MYR 1,747
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	USD 392	MYR 1,607
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	USD 243	MYR 996
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	USD 287	MYR 1,177
A-MMT.100	Abrasion set for MMT 40.1 MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	USD 320	MYR 1,312



Product	Description	Ident. No.	Price	
ACCESSORIES A 10 BASIC				
A 10.1	Stainless steel cutter	0025001680	USD 84	MYR 344
A 10.2	Star-shaped cutter	0025001162	USD 235	MYR 964
A 10.3	Hard metal cutter	0025001161	USD 481	MYR 1,972
A 10.4	Grinding chamber reduction	0025001664	USD 191	MYR 783



ACCESSORIES A 11 BASIC				
A 11.1	Spare beater, stainless steel	0002904600	USD 242	MYR 992
A 11.2	Cutting blade, stainless steel	0002905200	USD 344	MYR 1,410
A 11.3	Beater, stainless steel, coated with chromium carbide	0002983000	USD 525	MYR 2,153
A 11.4	Grinding chamber, polyamide, 250 ml	0002904100	USD 872	MYR 3,575
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	USD 457	MYR 1,874
A 11.6	Double beater, titanium	0003302900	USD 919	MYR 3,768
A 11.7	Funnel, PTFE	0003048700	USD 564	MYR 2,312



A 11.4



A 11.5



A 11.6



A 11.7

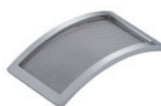


ACCESSORIES M 20				
M 21	Spare cutter, stainless steel	0000328200	USD 201	MYR 824
M 22	Hard metal cutter, tungsten carbide	0000521800	USD 794	MYR 3,255
M 23	Star-shaped cutter, stainless steel	0001443400	USD 396	MYR 1,624
M 20.1	Grinding chamber, 250 ml	0008006200	USD 5,885	MYR 24,129



ACCESSORIES MF 10 BASIC				
MF 10.1	Cutting-grinding head	0002870900	USD 4,967	MYR 20,365
MF 10.2	Impact-grinding head	0002871000	USD 4,293	MYR 17,601

SIEVES				
MF 0.25	Sieve, Ø 0.25 mm	0002938900	USD 654	MYR 2,681
MF 0.5	Sieve, Ø 0.5 mm	0002939000	USD 547	MYR 2,243
MF 1.0	Sieve, Ø 1 mm	0002939200	USD 547	MYR 2,243
MF 2.0	Sieve, Ø 2 mm	0002939400	USD 547	MYR 2,243
MF 3.0	Sieve, Ø 3 mm	0002939500	USD 594	MYR 2,435
MF 4.0	Sieve, Ø 4 mm	0002939600	USD 595	MYR 2,440



MF 0.25



MF 1.0



MF 2.0



MF 4.0

Display viscosity changes through sensitive torque measuring sensor: the new 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.

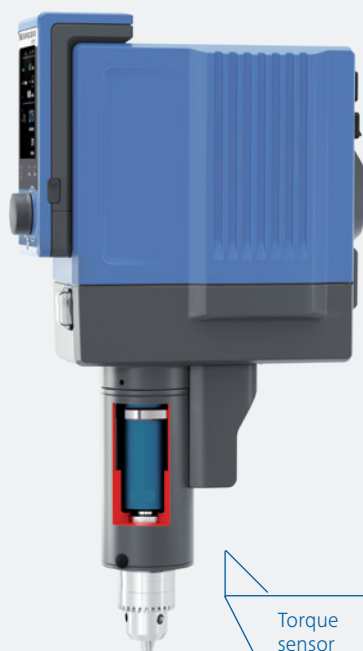
POWERFUL STIRRER

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 9,833 | MYR 40,315

Ident. No. 0025003604

Torque
sensor

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

R 1302	Dissolver stirrer, Ø 100 mm	0002387900	USD 532	MYR 2,181
R 1330	Anchor stirrer, Ø 45 mm	0002022300	USD 383	MYR 1,570
R 1331	Anchor stirrer, Ø 90 mm	0002022400	USD 435	MYR 1,784
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	USD 354	MYR 1,451
R 1375	Paddle stirrer, Ø 70 mm	0000757700	USD 403	MYR 1,652

BOSS HEAD CLAMPS

R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	USD 275	MYR 1,128
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	USD 174	MYR 713

STANDS

R 2722	H-stand, 1010 mm	0001412000	USD 1,198	MYR 4,912
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	USD 1,109	MYR 4,547

SOFTWARE

labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	USD 6,369	MYR 26,113
labworldsoft® 6 Pro	For all configurations – any number of devices can be controlled at the same time	0020017366	USD 14,537	MYR 59,602

TECHNICAL DATA

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 × H × D)	91 × 395 × 231 mm
Protection class according to DIN EN 60529	IP 40

STARVISC 200-2.5 CONTROL

R 1302



R 1330



R 1331



R 1345



R 1375

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

ROTAVISC SBS

/// The viscometer with ball bearing

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

NEW!



FOR HEAVY USE

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

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

COMBINE AND UPGRADE

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

NEW SPINDLE HOLDER

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

① **ROTAVISC lo-vi
HELI Complete**

USD 4,841 | MYR 19,848
Ident. No. 0025008225

② **ROTAVISC me-vi
HELI Complete**

USD 4,841 | MYR 19,848
Ident. No. 0025008226

③ **ROTAVISC hi-vi I
HELI Complete**

USD 4,841 | MYR 19,848
Ident. No. 0025008227

④ **ROTAVISC hi-vi II
HELI Complete**

USD 4,841 | MYR 19,848
Ident. No. 0025008228



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

USD 5,357 | MYR 21,964
Ident. No. 0010007716

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

USD 5,357 | MYR 21,964
Ident. No. 0010007688

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

USD 5,357 | MYR 21,964
Ident. No. 0010007703



NEW: Ball Bearing
Technology

TECHNICAL DATA

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

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

HELISTAND

① **ROTAVISC lo-vi
Complete**

USD 3,711 | MYR 15,215

Ident. No. 0025000310

② **ROTAVISC me-vi
Complete**

USD 3,711 | MYR 15,215

Ident. No. 0025000311

③ **ROTAVISC hi-vi I
Complete**

USD 3,711 | MYR 15,215

Ident. No. 0025000312

④ **ROTAVISC hi-vi II
Complete**

USD 3,711 | MYR 15,215

Ident. No. 0025000313



NEW: Ball Bearing
Technology

① **ROTAVISC SBS me-vi
Complete**

USD 4,720 | MYR 19,352

Ident. No. 0010007714

② **ROTAVISC SBS hi-vi I
Complete**

USD 4,720 | MYR 19,352

Ident. No. 0010007686

③ **ROTAVISC SBS hi-vi II
Complete**

USD 4,720 | MYR 19,352

Ident. No. 0010007701



* After device registration on www.ika.com/register

TECHNICAL DATA

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

MEASURING RANGES

ROTAVISC lo-vi

Viscosity measuring range*	1 – 6 000 000 mPas
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ROTAVISC me-vi

Viscosity measuring range	100 – 40 000 000 mPas
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ROTAVISC hi-vi I

Viscosity measuring range	200 – 80 000 000 mPas
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ROTAVISC hi-vi II

Viscosity measuring range	800 – 320 000 000 mPas
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* 1 mPas with ELVAS-1

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

lo-vi // for juices, solvents, edible oils, inks, liquid soaps

me-vi // for paints / varnishes, mayonnaise, dairy products, ketchup

hi-vi I & hi-vi II // for pastes, ointments, molasses, gels

VISCOSITY MEASUREMENT IN MOTION

The ROTAVISC HELI Complete packages include both a viscometer and stand, and are ideal for highly viscous samples. A static viscometer would run empty here. Highly viscous samples would simply be forced to the edge by the rotational movements. The HELISTAND prevents this and provides meaningful viscosity measurements by slowly moving the incorporated T-spindles up and down.

Using, installing and cleaning the HELISTAND couldn't be easier. The ROTAVISC viscometer is simply placed onto the stand's drive motor and the T-shaped needle spindle is attached to the viscometer.





ROTASTAND

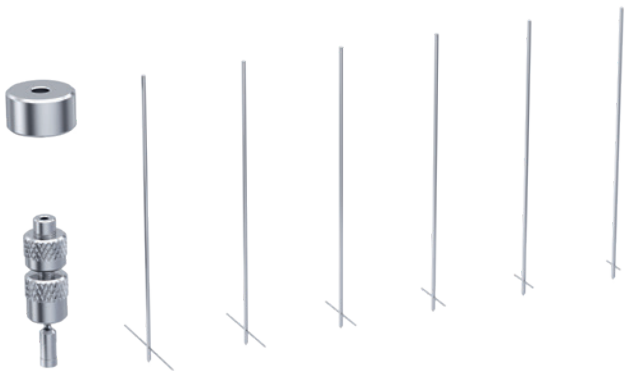


SP RACK

Product	Description	Ident. No.	Price	
STANDS				
ROTASTAND	Stand for ROTAVISC	0020006787	USD 1,253	MYR 5,137
HELISTAND	Electrical stand for ROTAVISC	0025007567	USD 1,724	MYR 7,068
HELISTAND Set	Electrical stand incl. T-spindle set	0025008233	USD 2,369	MYR 9,713
SP RACK	Spindle rack	0020104809	USD 80	MYR 328
SOFTWARE				
labworldsoft® 6 Visc	Laboratory software	0020101872	USD 1,567	MYR 6,425



HELISTAND



HELISTAND Set
(HELISTAND + T-SP-Set)



Adapter: DINS-1



Adapter: O DIN S-1



Adapter: VOLS-1



Hook Connector



Quick Connector



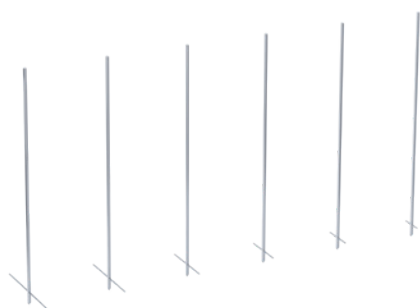
Spindle set: VAN-1

Product	Description	Ident. No.	Price	
ADAPTERS				
DINS-1	DIN adapter set	0025000387	USD 2,887	MYR 11,837
O DIN S-1	Open DIN adapter set	0025000326	USD 2,872	MYR 11,775
SAS-1	Spiral adapter set	0025000377	USD 1,336	MYR 5,478
ELVAS-1	Extremely low viscosity adapter set	0025000390	USD 1,602	MYR 6,568
VOLS-1	Low volume adapter set	0025000352	USD 1,403	MYR 5,752
ACCESSORIES VISCOMETERS				
DWB 600	Double-walled beaker 600 ml	0020024575	USD 1,046	MYR 4,289
BH 600	Clamp for 600 ml beaker	0025000400	USD 192	MYR 787
Hook Connector	Hook connector for spindles	0025000338	USD 218	MYR 894
Quick Connector	Quick connector for spindles	0025000339	USD 218	MYR 894
PT 100.8	Temperature sensor, stainless steel, Ø 3 mm, 75 mm	0025000413	USD 88	MYR 361
SPINDLE SET				
SP set-1	Standard spindle set (SP1 - SP4)	0025000319	USD 286	MYR 1,173
SP set-2	Standard spindle set (SP7 - SP12)	0025000329	USD 241	MYR 988
T-SP-Set	T-spindle set	0025007765	USD 597	MYR 2,448
VAN-1	Vane spindle set	0025000407	USD 1,351	MYR 5,539



SP-5

SP-6



T-SP-6 – T-SP-1



VOL-SP-7.1



VOL-SP-2.1



VOL-SP-9



VOL-SP-11

Product	Description	Ident. No.	Price	
SPINDLES SINGLE				
SP-1	Standard spindle	0025006828	USD 123	MYR 504
SP-2	Standard spindle	0025006829	USD 117	MYR 480
SP-3	Standard spindle	0025006830	USD 113	MYR 463
SP-4	Standard spindle	0025006831	USD 107	MYR 439
SP-5	Standard spindle	0025006832	USD 192	MYR 787
SP-6	Standard spindle	0025006833	USD 192	MYR 787
SP-7	Standard spindle	0025006834	USD 89	MYR 365
SP-8	Standard spindle	0025006835	USD 87	MYR 357
SP-9	Standard spindle	0025006836	USD 87	MYR 357
SP-10	Standard spindle	0025006837	USD 82	MYR 336
SP-11	Standard spindle	0025006838	USD 79	MYR 324
SP-12	Standard spindle	0025006839	USD 63	MYR 258
T-SP-1	T-spindle	0025008238	On request	On request
T-SP-2	T-spindle	0025008239	On request	On request
T-SP-3	T-spindle	0025008240	On request	On request
T-SP-4	T-spindle	0025008241	On request	On request
T-SP-5	T-spindle	0025008242	On request	On request
T-SP-6	T-spindle	0025008243	On request	On request
T-SP-nut	T-spindle nut	0020108874	On request	On request
T-SP-coupling	T-spindle coupling	0020108842	On request	On request
VAN-SP-1	Vane spindle	0025006853	USD 515	MYR 2,112
VAN-SP-2	Vane spindle	0025006854	USD 417	MYR 1,710
VAN-SP-3	Vane spindle	0025006855	USD 379	MYR 1,554
VAN-SP-4	Vane spindle	0025006856	USD 357	MYR 1,464
VAN-SP-5	Vane spindle	0025008376	USD 337	MYR 1,382
S-SP	Spiral spindle	0025006843	On request	On request
S-C-1	Chamber for S-SP spiral spindle	0020108896	On request	On request
SCB	Spindle brush for S-SP	0020108882	On request	On request
VOL-SP-6.7	Spindle for VOLS-1, 6.7 ml	0025006845	USD 481	MYR 1,972
VOL-SP-7.1	Spindle for VOLS-1, 7.1 ml	0025006849	USD 441	MYR 1,808
VOL-SP-16.1	Spindle for VOLS-1, 16.1 ml	0025006848	USD 453	MYR 1,857
VOL-SP-10.4	Spindle for VOLS-1, 10.4 ml	0025006850	USD 453	MYR 1,857
VOL-SP-11	Spindle for VOLS-1, 11 ml	0025006851	USD 453	MYR 1,857
VOL-SP-13.5	Spindle for VOLS-1, 13.5 ml	0025006852	USD 453	MYR 1,857
VOL-SP-9	Spindle for VOLS-1, 9 ml	0025006846	USD 453	MYR 1,857
VOL-SP-9.4	Spindle for VOLS-1, 9.4 ml	0025006847	USD 453	MYR 1,857
VOL-SP-2.1	Spindle for 2.1 ml chamber	0025007061	USD 453	MYR 1,857



VOL-C-RTD-3.8



VOL-C-RTD-4.2



CAL-O-5



CAL-O-100000

Product	Description	Ident. No.	Price	
VOL-C-RTD-1	VOL-C-RTD-1 chamber	0025007603	On request	On request
VOL-C-RTD-2.1	2.1 ml chamber for VOLS-1	0025007064	USD 493	MYR 2,021
VOL-SP-3.8	Spindle for 3.8 ml chamber	0025007062	USD 453	MYR 1,857
VOL-C-RTD-3.8	3.8 ml chamber for VOLS-1	0025007065	USD 493	MYR 2,021
VOL-SP-4.2	Spindle for 4.2 ml chamber	0025007063	USD 453	MYR 1,857
VOL-C-RTD-4.2	4.2 ml chamber for VOLS-1	0025007066	USD 493	MYR 2,021
VOLS 1.11	Extension connector	0020107301	On request	On request
VOLS 1.21	Cover for VOLS chamber	0020108881	On request	On request
ELVAS-SP	ELVAS Spindle	0025006844	On request	On request
ELVAS-C	ELVAS sample chamber (open)	0020107138	On request	On request
ELVAS-C-C	Closed chamber for ELVAS-1	0025008373	USD 289	MYR 1,185
DIN-SP-5	DIN spindle 5	0025006840	On request	On request
DIN-SP-6	DIN spindle 6	0025006841	On request	On request
DIN-SP-7	DIN spindle 7	0025006842	On request	On request
DIN-C-1	Chamber for DIN-SP-5	0020108883	On request	On request
DIN-C-2	Chamber for DIN-SP-6, DIN-SP-7	0020108885	On request	On request
O-DIN-C-1	Open chamber for DIN-SP-5	0020108887	On request	On request
O-DIN-C-2	Open chamber for DIN-SP-6	0020108888	On request	On request
O-DIN-C-3	Open chamber for DIN-SP-7	0020108889	On request	On request
CC-1	Chamber cap (6 pcs.) for ELVAS / DINS	0020107043	USD 46	MYR 189

STANDARD SILICONE OILS

CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	USD 221	MYR 906
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	USD 221	MYR 906
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	USD 221	MYR 906
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	USD 221	MYR 906
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	USD 221	MYR 906
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	USD 221	MYR 906
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	USD 221	MYR 906
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	USD 221	MYR 906
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	USD 221	MYR 906
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	USD 221	MYR 906
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	USD 221	MYR 906

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

VACSTAR DIGITAL AND CONTROL

/// Fully automatic vacuum with an emission condenser

Separation, filtration, removal: The VACSTAR dry 4-chamber membrane vacuum pump is powerful, resistant to chemicals and low-maintenance.

HIGH-PERFORMANCE SUCTION

VACSTAR has an excellent suction performance, with its 22 l/min at a minimum of 2 mbar.

INTEGRATED VACUUM CONTROLLER

with removable wireless controller (WiCO)

PROTECTS USER AND ENVIRONMENT

The VACSTAR control includes a downstream vacuum safety emission condenser (VSE1). This reliably protects laboratory employees and the environment from harmful exhaust air.



VACSTAR digital

USD 2,443 | MYR 10,016

Ident. No. 0020016236

VACSTAR control

USD 3,443 | MYR 14,116

Ident. No. 0020109375

**TECHNICAL DATA**

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

Product	Ident. No.	Price
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ACCESSORIES VACSTAR DIGITAL AND CONTROL

VSW 1 vacuum safety woulff bottle	0020015406	USD 628	MYR 2,575
VSE 1 vacuum safety emission	0035001873	USD 731	MYR 2,997
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	USD 57	MYR 234



VSW 1

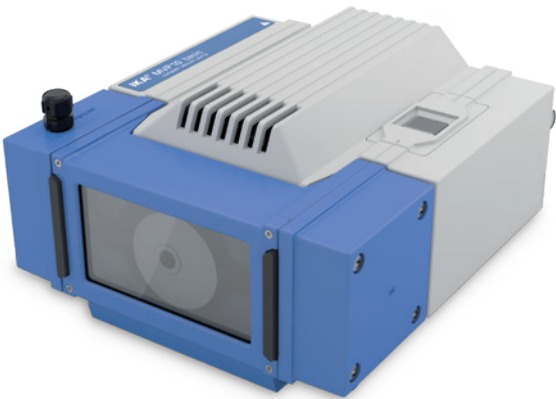


VSE 1

MVP 10 basic

USD 1,711 | MYR 7,015

Ident. No. 0003980000



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 x H x D)	245 x 155 x 320 mm
Protection class acc. to DIN EN 60529	IP 54
Voltage	230 / 115 / 100 V

Product	Ident. No.	Price
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ACCESSORIES MVP 10 BASIC

VCV 1 vacuum control valve manual	0020004850	USD 807	MYR 3,309
VCV 2 vacuum control valve digital	0020004893	USD 1,390	MYR 5,699
VSS 1 vacuum safety set	0020005194	USD 1,203	MYR 4,932
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	USD 57	MYR 234



VCV 1



VSS 1



Product	Ident. No.	Price	
ACCESSORIES VACUUM CONTROLLER			
VC 10.300 check valve	0020011105	USD 291	MYR 1,193
VC 10.400 table holder	0035001735	USD 349	MYR 1,431



VC 10.300



VC 10.400



VC 10

USD 1,203 | MYR 4,932

Ident. No. 0020005132

Universal vacuum controller with on/off regulation for calibration of multiple vacuum sources. In addition to the manual mode, up to ten programs can be saved, with up to ten pressure/time sequences.

Cleaning function of valves for long service life



TECHNICAL DATA

VC 10

Vacuum sensor	Yes
Min. input pressure	1 mbar
Max. input pressure	1050 mbar
Boiling point detection	Yes
Solvent library	Yes
Two-point control	Yes
Manual operation	Yes
Programmable	Yes
Dimensions (W x H x D)	95 x 150 x 110 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 / USB interface	Yes
Voltage	100 – 240 V

Regardless of what leaves laboratory staff hot or cold, precise and constant temperature regulation is a basic prerequisite for successful applications in day-to-day laboratory practice. IKA strives to make your work with circulation and immersion thermostats or bridge and heating bath thermostats as pleasant and successful as possible. Our broad range of DIN 12876-compliant devices is designed for temperatures from -30 to 250 °C and meets the highest requirements of precision, safety, output and intelligence.

RC 2 LITE

/// Compact recirculating chiller designed for simple cooling tasks down to -10 °C

The RC 2 lite is the perfect peripheral device for the cooling of rotary evaporators, reflux condensers or as a cooling source for devices that dissipate heat with the help of a heat exchanger (e. g. double-walled grinding containers, cooled incubators, laboratory reactors, cooling coils).

NEW!



BEST POWER DENSITY IN ITS CLASS

The easily accessible and easy-to-clean mesh filter (stainless steel) ensure a consistently high cooling capacity over years. Thanks to the low filling volume of just one liter, the RC 2 lite is able to reach low temperatures particularly fast. The large working volume of 2.5 liters enables a high number of external applications without refill of liquids. The filling level in the reservoir can be clearly observed through the large, illuminated sight glass.

POWERFUL AND ENVIRONMENTALLY FRIENDLY

The powerful pressure and suction pump enables the simultaneous operation of several small applications as well as external applications in open bath vessels in combination with a level controller. Thanks to the natural refrigerant R 290, the RC 2 lite is remarkably environmentally friendly and well prepared for the future.

ICC basic

USD 1,730 | MYR 7,093

Ident. No. 0004134400



ICC control

USD 2,249 | MYR 9,221

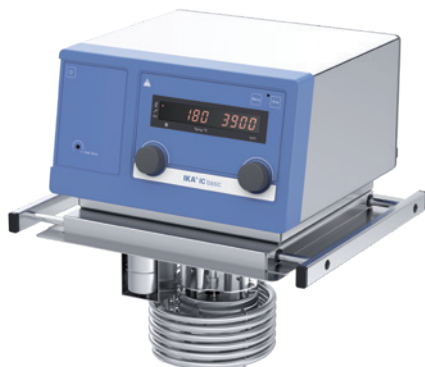
Ident. No. 0004136600



IC basic

USD 3,191 | MYR 13,083

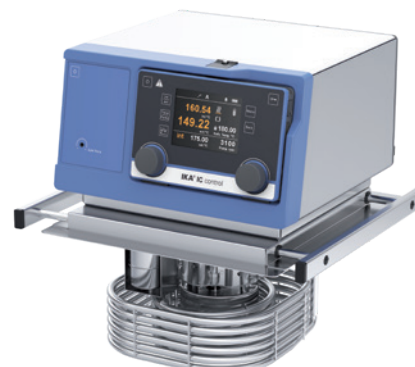
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IC control

USD 4,201 | MYR 17,224

Ident. No. 0003863000***



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

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

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

*** CC 1 cooling coil included in delivery

TEMPERATURE CONTROL | Immersion Circulator Packages



ICC basic eco 8



ICC control pro 12

Product	Description	Bath size	Bath opening (W × D)***	Ident. No.	Price	
HEATING BATH CIRCULATORS						
ICC basic eco* 8	Package ICC basic, 8 l eco bath	S	188 × 105 mm	0008034900	USD 2,105	MYR 8,631
ICC basic pro** 9	Package ICC basic, 9 l pro bath	S	195 × 100 mm	0008035100	USD 2,375	MYR 9,738
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 × 127 mm	0010000414	USD 2,472	MYR 10,135
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 × 305 mm	0008035000	USD 1,908	MYR 7,823
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 × 309 mm	0008035200	USD 2,183	MYR 8,950
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 × 105 mm	0008035300	USD 2,745	MYR 11,255
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 × 100 mm	0008035500	USD 2,967	MYR 12,165
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 × 127 mm	0010000415	USD 3,067	MYR 12,575
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 × 305 mm	0008035400	USD 2,946	MYR 12,079
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 × 309 mm	0008035600	USD 2,701	MYR 11,074
COMBINED HEATING BATH CIRCULATORS						
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 × 105 mm	0008035700	USD 2,749	MYR 11,271
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 × 100 mm	0008035900	USD 2,985	MYR 12,239
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 × 127 mm	0010000416	USD 3,106	MYR 12,735
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 × 305 mm	0008035800	USD 2,970	MYR 12,177
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 × 309 mm	0008036000	USD 3,299	MYR 13,526
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 × 105 mm	0008036100	USD 3,757	MYR 15,404
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 × 100 mm	0008036300	USD 3,994	MYR 16,375
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 × 305 mm	0008036200	USD 4,010	MYR 16,441
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 × 127 mm	0010000417	USD 4,146	MYR 16,999
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 × 309 mm	0008036400	USD 4,307	MYR 17,659
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 4,892	MYR 20,057
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002474	USD 5,599	MYR 22,956
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006740	USD 5,871	MYR 24,071
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010006736	USD 6,583	MYR 26,990

* eco: plastic bath

** pro: stainless steel bath

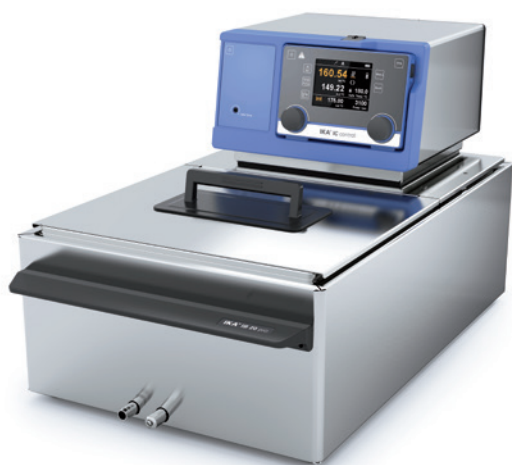
*** Size of plate that can be placed at the bottom of the bath



ICC control pro 20 c



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



IC control pro 20 c



ICC control IB R RO 15 pro

Product	Description	Bath size	Bath opening (W × D)***	Ident. No.	Price	
IMMERSION CIRCULATOR PACKAGES						
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 × 80 mm	0008039900	USD 4,958	MYR 20,328
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 × 262 mm	0008036800	USD 5,178	MYR 21,230
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 × 80 mm	0008040000	USD 5,324	MYR 21,828
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 × 262 mm	0008037200	USD 5,544	MYR 22,730

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

/// Heating Bath Circulators

① HBC 5 basic ①

USD 4,711 | MYR 19,315

Ident. No. 0004125000

② HBC 5 control

USD 5,600 | MYR 22,960

Ident. No. 0004127000



① HBC 10 basic

USD 4,996 | MYR 20,484

Ident. No. 0004135000

② HBC 10 control ②

USD 6,031 | MYR 24,727

Ident. No. 0004137000



/// Refrigerated and Heating Bath Circulators

① CBC 5 basic ①

USD 6,192 | MYR 25,387

Ident. No. 0004165000

② CBC 5 control

USD 7,195 | MYR 29,500

Ident. No. 0004167000



① HRC 2 basic

USD 4,452 | MYR 18,253

Ident. No. 0025003742

② HRC 2 control ②

USD 5,819 | MYR 23,858

Ident. No. 0025004524



TECHNICAL DATA	HBC 5 BASIC CONTROL	HBC 10 BASIC CONTROL	CBC 5 BASIC CONTROL	HRC 2 BASIC CONTROL
Appliance type	Heated bath circulator	Heated bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator
Heater capacity (230 / 115 V)	2500 / 1250 W	2500 / 1250 W	2500 / 1250 W	1500 / 1200 W
Temperature range	RT + 10 °C* – 250 °C	RT + 10 °C* – 250 °C	-25 °C – 200 °C	-20 °C – 100 °C -30 °C** – 100 °C
Cooling capacity at 20 °C	–	–	350 W	400 W
Display	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)
Temperature stability DIN 12876	± 0.02 K ± 0.01 K	± 0.02 K ± 0.01 K	± 0.02 K ± 0.01 K	± 0.1 K ± 0.05 K
Max. flow rate	31 l/min	31 l/min	31 l/min	21 l/min
Max. pump pressure	0.61 bar	0.61 bar	0.61 bar	0.5 bar
Min. suction pressure	0.45 bar	0.45 bar	0.45 bar	0.25 bar
Dimensions (W × H × D)	275 × 406 × 500 mm	275 × 456 × 500 mm 275 × 456 × 506 mm	275 × 690 × 490 mm	220 × 475 × 525 mm

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

** -30 °C possible at 2000 rpm

① RC 2 basic

USD 4,860 | MYR 19,926

Ident. No. 0004171000

② RC 2 control

USD 6,835 | MYR 28,024

Ident. No. 0004173000



① RC 2 GREEN basic

USD 4,892 | MYR 20,057

Ident. No. 0025004186

② RC 2 GREEN control

USD 7,037 | MYR 28,852

Ident. No. 0025006638



RC 2 lite

USD 3,000 | MYR 12,300

Ident. No. 0025006624



① RC 5 basic

USD 6,301 | MYR 25,834

Ident. No. 0004181000

② RC 5 control

USD 7,179 | MYR 29,434

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 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	± 0.05 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	0.3 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

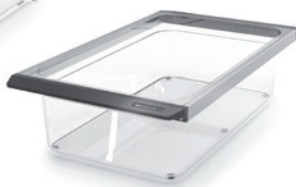


BS.IC

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 209	MYR 857
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	USD 273	MYR 1,119
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	USD 266	MYR 1,091
CLG.ICC	Gable lid for ICC, bath size L	0020023680	USD 532	MYR 2,181
CLR.ICC	Cover with 6 ring openings for ICC, 18/20 l bath vessels	0025006276	USD 272	MYR 1,115
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	USD 203	MYR 832
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	USD 203	MYR 832
CC2	Cooling coil for ICC	0025001061	USD 200	MYR 820
PCS.ICC	Pump connection set for ICC	0004471900	USD 248	MYR 1,017

ACCESSORIES FOR IC

CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	USD 202	MYR 828
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	USD 266	MYR 1,091
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	USD 203	MYR 832
CC1	Cooling coil for IC basic / control	0020005116	USD 208	MYR 853

BATH VESSELS**Bath size S**

IB 8 eco	Bath vessel, plastic, 8 l	0004248100	USD 526	MYR 2,157
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	USD 458	MYR 1,878
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	USD 692	MYR 2,837

Bath size M

IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	USD 847	MYR 3,473
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Bath size L

IB 18 eco	Bath vessel, plastic, 18 l	0004248200	USD 740	MYR 3,034
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	USD 686	MYR 2,813
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	USD 611	MYR 2,505
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	USD 838	MYR 3,436
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	USD 1,069	MYR 4,383
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	USD 1,406	MYR 5,765
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	USD 1,015	MYR 4,162



HF.Si.20.200.50

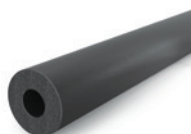
Product	Description	Ident. No.	Price	
THERMOFLUIDS				
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	USD 582	MYR 2,386
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	USD 546	MYR 2,239
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	USD 509	MYR 2,087

HOSES

LT 5.20	High temperature hose kit insulated, 2 x 1.5 m, stainless steel	0002606700	USD 2,755	MYR 11,296
LT 5.21	High temperature hose kit insulated, 2 x 1.5 m, PTFE	0020000988	USD 1,628	MYR 6,675
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1.5 m	0004568800	USD 24	MYR 98
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1.5 m	0004568900	USD 31	MYR 127
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	USD 39	MYR 160
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1.5 m	0004569000	USD 54	MYR 221
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1.5 m	0004569100	USD 67	MYR 275
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 x 1.5 m, reinforced	0020004612	USD 83	MYR 340
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 x 1.5 m	0020004613	USD 100	MYR 410
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 x 1.5 m	0004569200	USD 290	MYR 1,189
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 x 1.5 m, M 16 x 1	0004569300	USD 383	MYR 1,570

INSULATION FOR HOSES

ISO.8	Insulation, Ø 8 mm, 2 x 1.5 m	0004569400	USD 29	MYR 119
ISO.12	Insulation, Ø 12 mm, 2 x 1.5 m	0004569500	USD 32	MYR 131



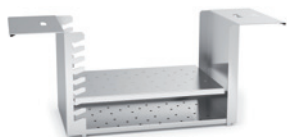
ISO.8



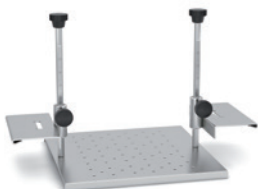
ISO.12



Tube rack, 13 mm, S,
stainless



Variable rack, ICC, ML,
stainless



Variable bottom, ICC,
L, stainless



Bottom plate L



Floating tube rack 1



Floating globes,
PP



WH10

Product	Description	Ident. No.	Price	
TUBE RACKS				
Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, Ø 13 mm	0020004026	USD 117	MYR 480
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	USD 117	MYR 480
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	USD 117	MYR 480
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	USD 196	MYR 804
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 17 mm	0020004030	USD 196	MYR 804
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	USD 196	MYR 804
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	USD 234	MYR 959
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	USD 79	MYR 324
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	USD 79	MYR 324
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	USD 79	MYR 324
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	USD 547	MYR 2,243
Bottom plate L	Bottom plate for bath size L	0020006212	USD 565	MYR 2,317
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	USD 476	MYR 1,952
FLOATING RACKS				
Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	USD 48	MYR 197
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	USD 48	MYR 197
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	USD 48	MYR 197
ADDITIONAL ACCESSORIES				
WH10	WiCo Holder	0020000984	USD 306	MYR 1,255
PT 100.30	Temp. sensor, stn. steel	0004284700	USD 477	MYR 1,956
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	On request	On request
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	USD 160	MYR 656
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	USD 218	MYR 894
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	USD 313	MYR 1,283



Product	Description	Ident. No.	Price	
VALVES AND LEVEL CONTROLLERS				
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	USD 497	MYR 2,038
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	USD 858	MYR 3,518
Ball valve M16 × 1	Ball valve, completely opening (M 16 × 1)	0020004620	USD 159	MYR 652
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	USD 576	MYR 2,362

ADAPTERS



Elbow tube 90°	Elbow tube 90°	0025001212	USD 109	MYR 447
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	USD 54	MYR 221
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	USD 8	MYR 33
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	USD 56	MYR 230
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	USD 53	MYR 217
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	USD 56	MYR 230
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	USD 56	MYR 230
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	USD 48	MYR 197
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	USD 179	MYR 734
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	USD 213	MYR 873
Adapter M16 × 1 f - G1/4 m	Adapter M 16 × 1 female to G 1/4 male	0020008807	USD 99	MYR 406
Adapter M16 × 1 m - G1/4 m	Adapter M 16 × 1 male to G 1/4 male	0020008734	USD 49	MYR 201
Adapter M16 × 1 m - G1/2 m	Adapter M 16 × 1 male to G 1/2 male	0020008796	USD 49	MYR 201
Adapter M16 × 1 f - G1/2 m	Adapter M 16 × 1 female to G 1/2 male	0020008800	USD 99	MYR 406
Adapter M16 × 1 f - G3/8 m	Adapter M 16 × 1 female to G 3/8 male	0020008730	USD 99	MYR 406
Adapter M16 × 1 m - G3/8 m	Adapter M 16 × 1 male to G 3/8 male	0020008754	USD 49	MYR 201
Adapter M16 × 1 m - M 16 × 1 m	Adapter M 16 × 1 male to M 16 × 1 male, for hose extension	0025007118	USD 49	MYR 201
Lock nut	Lock nut, 2 pcs.	0020004583	USD 56	MYR 230
Stopper	Stopper, 2 pcs.	0020004584	USD 56	MYR 230

/// DRY BLOCK HEATERS

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 1,593 | MYR 6,531

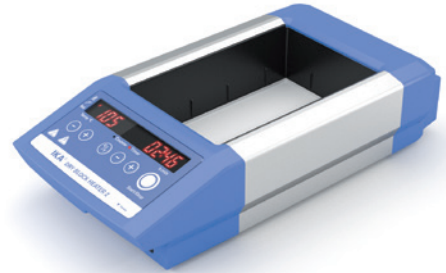
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Dry Block Heater 2

USD 1,795 | MYR 7,360

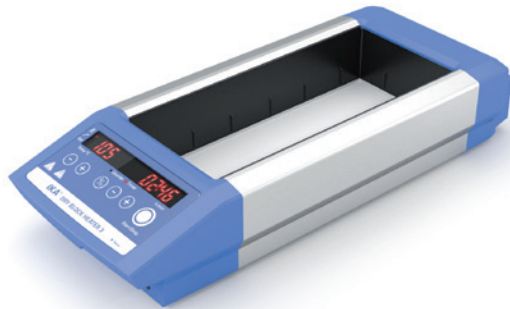
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Dry Block Heater 3

USD 2,087 | MYR 8,557

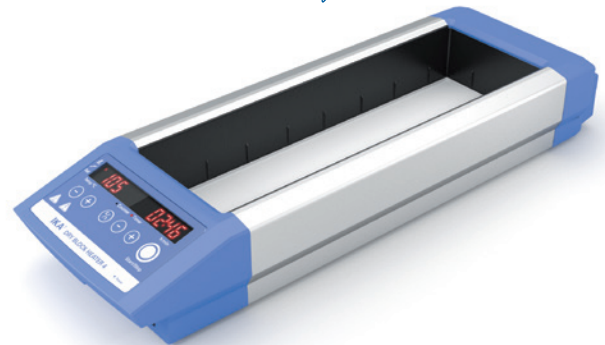
Ident. No. 0004025300



Dry Block Heater 4

USD 2,746 | MYR 11,259

Ident. No. 0004025400



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

DB 1.1



DB 3.2



DB 4.6



DB 4.6



DB 5.2



DB 5.8



DB 8.1



MICRO CENTRIFUGE TUBES

Product	Description	Ident. No.	Price	
DB 1.1	Single block, PCR tubes, Ø 7.9 mm	0004467600	USD 232	MYR 951
DB 1.2	Single block, Eppendorf tubes, Ø 11.5 mm	0004467700	USD 189	MYR 775
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800	USD 189	MYR 775
DB 1.4	Single block, VWR Eppendorf tubes, Ø 10.9 mm	0004467900	USD 189	MYR 775
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	USD 194	MYR 795



CONICAL BOTTOM CENTRIFUGE TUBES

DB 2.1	Single block, conical tubes, Ø 17.1 mm	0004468100	USD 232	MYR 951
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200	USD 223	MYR 914



COMBINATION BLOCKS

DB 3.1	Single block, test tube comb., 6 12 13 25 mm	0004468300	USD 223	MYR 914
DB 3.2	Single block, centrifuge comb., 1.5 15 50 ml	0004468400	USD 223	MYR 914
DB 3.3	Single block, microtube comb., 0.5 1.5 2 ml	0004468500	USD 232	MYR 951



STANDARD TEST TUBES

DB 4.1	Single block, 30 round tubes, Ø 8.3 mm	0004468600	USD 248	MYR 1,017
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700	USD 233	MYR 955
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800	USD 232	MYR 951
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900	USD 233	MYR 955
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000	USD 232	MYR 951
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100	USD 223	MYR 914
DB 4.7	Single block, 6 round tubes, Ø 26.2 mm	0004469200	USD 223	MYR 914
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300	USD 218	MYR 894
DB 4.9	Single block, 12 round tubes, Ø 19.1 mm	0004469400	USD 232	MYR 951



VIALS

DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500	USD 232	MYR 951
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600	USD 232	MYR 951
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700	USD 218	MYR 894
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800	USD 218	MYR 894
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900	USD 218	MYR 894
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000	USD 218	MYR 894
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100	USD 218	MYR 894
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200	USD 218	MYR 894
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300	USD 232	MYR 951



STANDARD TEST TUBES

DB 6.1	Single block, 10 x 8 PCR tube strips, Ø 6.4 mm	0004470400	USD 254	MYR 1,041
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500	USD 254	MYR 1,041
DB 6.3	Double block, 1 x 96-Well PCR plate, Ø 6.4 mm	0004470600	USD 379	MYR 1,554
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	USD 342	MYR 1,402
DB 8.1	Single block, 2 x 6 cuvettes, Ø 12.5 mm	0004470700	USD 215	MYR 882

TEMPERATURE SENSORS

PT 1000.60	Temp. sensor, stn. steel, Ø 3 mm, depth: 230 mm	0003516800	USD 258	MYR 1,058
PT 1000.90	Temp. sensor, coated, Ø 3 mm, depth: 230 mm	0004480600	USD 270	MYR 1,107

C-MAG HP 4

USD 617 | MYR 2,530

Ident. No. 0003581600

**C-MAG HP 7**

USD 788 | MYR 3,231

Ident. No. 0003581800

**C-MAG HP 10**

USD 1,179 | MYR 4,834

Ident. No. 0003582000

**TECHNICAL DATA**

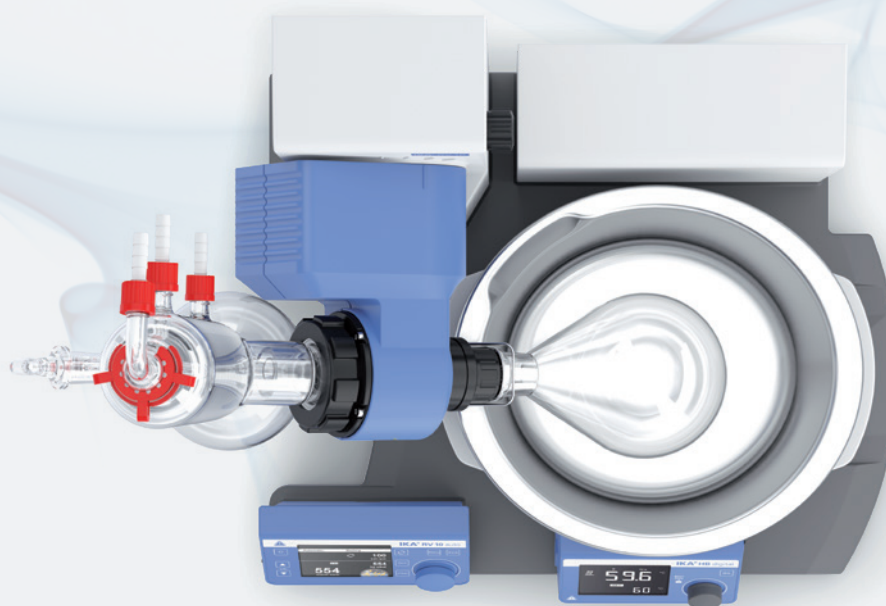
	C-MAG HP 4	C-MAG HP 7	C-MAG HP 10
Heat output	250 W	1000 W	1500 W
Heating temperature range	50 °C – 500 °C	50 °C – 500 °C	50 °C – 500 °C
Connection for ext. temperature sensor	–	ETS-D5	ETS-D5
Heating rate heating plate	2.5 K / min	5 K / min	5 K / min
Set-up plate material	Ceramic	Ceramic	Ceramic
Set-up 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 new universal heating bath HB digital now 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 1,550 | MYR 6,355

Ident. No. 0020016337

**HB digital**

USD 1,930 | MYR 7,913

Ident. No. 0020016334



Heating temperature up to 180 °C

HBR 4 control

USD 7,056 | MYR 28,930

Ident. No. 0020003549

Integrated magnetic stirrer drive



Product	Ident. No.	Price
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ACCESSORIES HB ECO | DIGITAL

HB 10.3	Protection cover HB eco and digital	0020024125	USD 1,057	MYR 4,334
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ACCESSORIES HBR 4 CONTROL

H 240	Ring set	0002858700	USD 1,299	MYR 5,326
H 159	Intermediate bottom	0001809700	USD 592	MYR 2,427

TECHNICAL DATA

Heating temperature max.	99 °C 180 °C
Filling volume max.	4 l
Filling point min.	60 mm
Heat output	1400 W
Safety circuit	109 °C 50 – 190 °C
Display	LED / LCD
Inner diameter	225 mm
Dimensions (W x H x D)	330 x 190 x 325 mm
Protection class according to DIN EN 60529	IP 21

HB ECO | DIGITAL

99 °C 180 °C
4 l
60 mm
1400 W
109 °C 50 – 190 °C
LED / LCD
225 mm
330 x 190 x 325 mm
IP 21

HBR 4 CONTROL

200 °C
4 l
20 mm
1000 W
50 – 210 °C
LCD
200 mm
340 x 250 x 340 mm
IP 20



HB 10.3

The IKA Oven 125 are universal drying ovens for tempering, drying, aging and heating tasks in the laboratory. Rapid heating and exact temperature regulation guarantee reproducible results in industrial laboratories, schools and universities, research, quality control or science.

OVEN 125 CONTROL - DRY

/// The largest drying chamber in its class



Integrated
programming
function

IKA Oven 125 control - dry is a forced convection heating and drying chamber and heats up to 300 °C. The additional temperature selection limited TWB (DIN 12880) meets the highest security requirements. Furthermore, the temperature curve can be monitored during testing independently of the safety temperature. This means that the test material is always protected.

A WELL THOUGHT OUT INTERIOR

The generously dimensioned interior of the Oven 125 control - dry is comfortably illuminated. A practical cable bushing at the rear of the device is provided as standard for measurements in the oven or in the test material. The fan switches off automatically if the door is opened. Up to 6 insertable shelves can be accommodated in the interior made of stainless steel.

INTERFACES

The Oven 125 control - dry offers an interface for an additional sensor for direct temperature regulation in the test material. Test parameters can be stored directly on a USB stick.

TWO DISPLAYS

All important process parameters are displayed clearly on two large TFT displays. Programmings and individual user profiles can be entered via the intuitive user interface. The real-time clock enables convenient digital documentation and a time-delayed start.

Oven 125 basic - dry

USD 2,372 | MYR 9,725

Ident. No. 0020003215

Temperature /
time dependent
timer function



Oven 125 basic - dry glass

USD 2,752 | MYR 11,283

Ident. No. 0020003956

Oven 125 control - dry

USD 3,630 | MYR 14,883

Ident. No. 0020003990

Real time
data logging
function

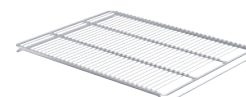


Oven 125 control - dry glass

USD 3,985 | MYR 16,339

Ident. No. 0020003996

Product	Ident. No.	Price	
ACCESSORIES			
IO T 1.00 wire grid tray, chrome plated	0020024935	USD 180	MYR 738
IO T 1.10 enhanced wire grid tray	0020007600	USD 319	MYR 1,308
IO F 1.10 roller frame	0020007601	USD 1,116	MYR 4,576
IO B 1.10 roller box	0020007602	USD 1,274	MYR 5,223
IO P 1.10 table top work plate	0020007603	USD 1,843	MYR 7,556
IO F 1.20 spacer frame	0035001326	USD 1,288	MYR 5,281
PT 100.31 temp. sensor	0020009564	USD 430	MYR 1,763



IO T 1.10



IO B 1.10



IO F 1.20

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 constancy in medium	± 0.3 K	± 0.3 K
Temperature Safety Class (DIN 12880)	TB (Class 1)	TB (Class 1); TWB (Class 2)
Cable access port	No	Yes
Interior lighting	No	Yes
PT 100 interface	No	Yes
Protection class according to DIN EN 60529	IP 20	IP 20
Dimensions (W × H × D)	700 × 825 × 650 mm	700 × 825 × 650 mm

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.



① **RV 3 V**

USD 3,723 | MYR 15,264

Ident. No. 0010003324

② **RV 3 V-C**

USD 4,109 | MYR 16,847

Ident. No. 0010003328

③ **RV 3 FLEX**

USD 3,467 | MYR 14,215

Ident. No. 0010003331

④ **RV 3 dry ice condensor**

USD 4,167 | MYR 17,085

Ident. No. 0010006363

⑤ **RV 3 dry ice condensor C**

USD 4,398 | MYR 18,032

Ident. No. 0010006362



① **RV 8 V**

USD 4,115 | MYR 16,872

Ident. No. 0010003482

② **RV 8 V-C**

USD 4,572 | MYR 18,745

Ident. No. 0010003485

③ **RV 8 FLEX**

USD 4,000 | MYR 16,400

Ident. No. 0010003488

④ **RV 8 dry ice condensor**

USD 5,016 | MYR 20,566

Ident. No. 0010006361

⑤ **RV 8 dry ice condensor C**

USD 5,258 | MYR 21,558

Ident. No. 0010006360

TECHNICAL DATA

	RV 3	RV 8
Motor type	Brushless DC drive motor	Brushless DC drive motor
Speed range	20 – 300 rpm	5 – 300 rpm
Speed display	Scale	Digital
Heating temperature range	RT – 99 °C	RT – 180 °C
Type of cooling	Vertical	Vertical
Cooling surface	1500 cm ²	1500 cm ²
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

Integrated safety
lift-out function

- ①

RV 10 digital V
USD 5,319 | MYR 21,808
Ident. No. 0010004799
- ②

RV 10 digital V-C
USD 6,027 | MYR 24,711
Ident. No. 0010004802
- ③

RV 10 digital FLEX
USD 5,057 | MYR 20,734
Ident. No. 0010004805
- ④

**RV 10 digital
dry ice condensor**
USD 7,204 | MYR 29,536
Ident. No. 0010006365
- ⑤

**RV 10 digital
dry ice condensor C**
USD 7,747 | MYR 31,763
Ident. No. 0010006364



TECHNICAL DATA

RV 10 DIGITAL

Motor type	Brushless DC drive motor
Speed range	5 – 280 rpm
Speed display	Digital
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Type of cooling	Vertical
Cooling surface	1500 cm ²
Filling volume max.	4 l
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Optional
Dimensions (W × H × D) without glass parts	500 × 430 × 440 mm
Protection class acc. to DIN EN 60529	IP 20





- ① **RV 10 auto V**
USD 9,119 | MYR 37,388
Ident. No. 0010004835
- ② **RV 10 auto V-C**
USD 9,910 | MYR 40,631
Ident. No. 0010004838
- ③ **RV 10 auto FLEX**
USD 8,939 | MYR 36,650
Ident. No. 0010004841
- ④ **RV 10 auto pro V**
USD 11,477 | MYR 47,056
Ident. No. 0010004815*
- ⑤ **RV 10 auto pro V-C**
USD 12,270 | MYR 50,307
Ident. No. 0010004812*
- ⑥ **RV 10 auto pro FLEX**
USD 11,299 | MYR 46,326
Ident. No. 0010004818*
- ⑦ **RV 10 auto pro V-C Complete**
USD 14,206 | MYR 58,245
Ident. No. 0010007353

TECHNICAL DATA

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 condenser
Cooling surface	1500 cm ²
Filling volume max.	4 l
Soft start	Yes
Head angle adjustable	0 to 45°
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Integrated
Dimensions (W x H x D) without glass parts	500 x 430 x 440 mm
Protection class acc. to DIN EN 60529	IP 20

RV 10 AUTO



*Pro packages include VACSTAR digital



RV 10.1



RV 10.1 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

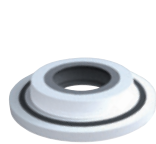
Product	Description	Ident. No.	Price	
ACCESSORIES RV 10, RV 8, RV 3				
RV 10.1	Set of glassware, vertical	0003655300	USD 1,524	MYR 6,248
RV 10.10	Set of glassware, vertical, coated	0003755400	USD 1,975	MYR 8,098
RV 10.1 enlarged surface	Vertical-condenser, enlarged surface	0020019652	USD 2,103	MYR 8,622
RV 10.10 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	USD 2,167	MYR 8,885
RV 10.2	Set of glassware, diagonal	0003755300	USD 1,516	MYR 6,216
RV 10.20	Set of glassware, diagonal, coated	0003755500	USD 1,967	MYR 8,065
RV 10.3	Vertical-intensive condenser, manifold	0003741000	USD 2,040	MYR 8,364
RV 10.30	Vertical-intensive condenser, manifold, coated	0003741100	USD 2,858	MYR 11,718
RV 10.4	Dry ice condensor	0003742000	USD 2,111	MYR 8,655
RV 10.40	Dry ice condensor, coated	0003742100	USD 2,338	MYR 9,586
RV 10.5	Vertical-condenser, reflux	0003743000	USD 2,338	MYR 9,586
RV 10.50	Vertical-condenser, reflux, coated	0003743100	USD 2,564	MYR 10,512
RV 10.6	Vertical-intensive condenser, reflux	0003744000	USD 2,567	MYR 10,525
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	USD 2,993	MYR 12,271
RV 05.10	Balljoint clamp	0000736600	USD 50	MYR 205
RV 10.88	Clamp, NS 29	0003683300	USD 29	MYR 119
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	USD 955	MYR 3,916
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	USD 1,089	MYR 4,465
RV 10.500	Foam brake, NS 29/32	0003739200	USD 225	MYR 923
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	USD 816	MYR 3,346
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	USD 1,392	MYR 5,707
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	USD 1,971	MYR 8,081
RV 10.610	Distilling sleeve, 20 ml	0003919400	USD 24	MYR 98
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	USD 1,087	MYR 4,457
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	USD 1,157	MYR 4,744
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	USD 53	MYR 217
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	USD 53	MYR 217
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	USD 48	MYR 197
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	USD 127	MYR 521
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	USD 48	MYR 197
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	USD 127	MYR 521
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	USD 89	MYR 365
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	USD 239	MYR 980
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	USD 95	MYR 390
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	USD 249	MYR 1,021
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	USD 134	MYR 549
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	USD 278	MYR 1,140
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	USD 152	MYR 623
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	USD 396	MYR 1,624
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	USD 333	MYR 1,365
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	USD 609	MYR 2,497



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 84	MYR 344
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	USD 84	MYR 344
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	USD 90	MYR 369
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	USD 134	MYR 549
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	USD 155	MYR 636
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	USD 330	MYR 1,353
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	USD 270	MYR 1,107
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	USD 270	MYR 1,107
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	USD 270	MYR 1,107
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	USD 270	MYR 1,107
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	USD 463	MYR 1,898
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	USD 662	MYR 2,714
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	USD 220	MYR 902
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	USD 236	MYR 968
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	USD 292	MYR 1,197
RV 10.70	Vapor tube, NS 29/32	0003812200	USD 151	MYR 619
RV 10.74	Vapor tube, short, NS 29/32	0003971700	USD 130	MYR 533
RV 10.8001	Seal, PTFE, stn. steel	0003907000	USD 162	MYR 664
RV 10.3000	Extension plate	0003859000	USD 324	MYR 1,328

ACCESSORIES RV 3

RV 3.1	Support pole	0025004587	USD 160	MYR 656
RV 3.4	Woulff bottle	0025004588	USD 221	MYR 906
RV 10.5005	Hose kit	0020000552	USD 150	MYR 615



RV 3.1



RV 3.4

ACCESSORIES RV 8

RV 8.1	Support pole	0004438500	USD 214	MYR 877
RV 8.2	Mechanical end stop for RV 8	0025001342	USD 101	MYR 414
RV 8.3	Stand pole	0025004707	USD 192	MYR 787
RV 10.5005	Hose kit	0020000552	USD 150	MYR 615

ACCESSORIES VALVE RV 10 AUTO

RV 10.4002	Magnetic valve laboratory vacuum	0003880300	USD 1,279	MYR 5,244
RV 10.5001	Choke water valve	0003902700	USD 1,443	MYR 5,916
RV 10.5002	Filter	0003903800	USD 186	MYR 763
RV 10.5003	Pressure regulating valve	0003907100	USD 457	MYR 1,874



RV 10.4002



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

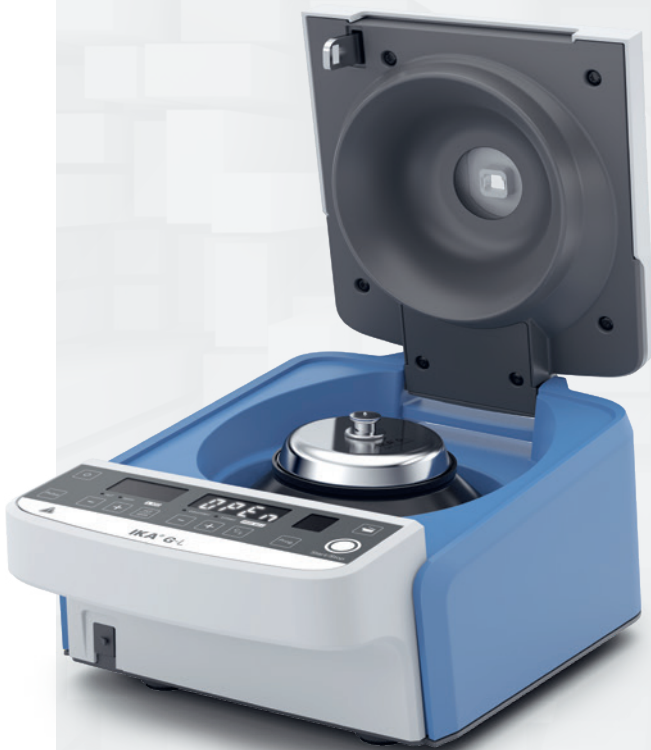
The centrifuge is fitted with a metal cover and does not start until it is firmly closed.

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.



mini G

USD 564 | MYR 2,312

Ident. No. 0003958000*



*Adapters included in delivery

IKA G-L*

USD 1,299 | MYR 5,326

Ident. No. 0030000774



*2 ml rotor set included in delivery

Product	Ident. No.	Price	
ACCESSORIES IKA MINI G			
Rotor 4 × HPLC	0020022341	USD 61	MYR 250
ACCESSORIES IKA G-L			
PCR Set	0030001345	USD 334	MYR 1,369
Adapter PCR tube	0030001346	USD 16	MYR 66
Adapter 0.5 ml tube	0030001347	USD 16	MYR 66
Adapter 0.4 ml tube	0030001334	USD 16	MYR 66
2 ml rotor set	0030001333	On request	On request



IKA G-L, PCR Set

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

An ergonomic feel combined with uncompromising precise performance: the IKA fix and vario pipettes can be used for many applications in the modern laboratory. Colour 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. The IKA PETTE fix and vario are fully autoclavable and can be disassembled without tools, therefore ensuring easy sterilization. This guarantees fault-free, precise and safe operation.

IKA PETTE

/// Simple liquid handling

ERGONOMIC DESIGN

IKA pipettes are delivered including exchangeable grips in different shapes and materials. The minimal frictional and spring forces also ensure dosing with ergonomic handling; without any effort.

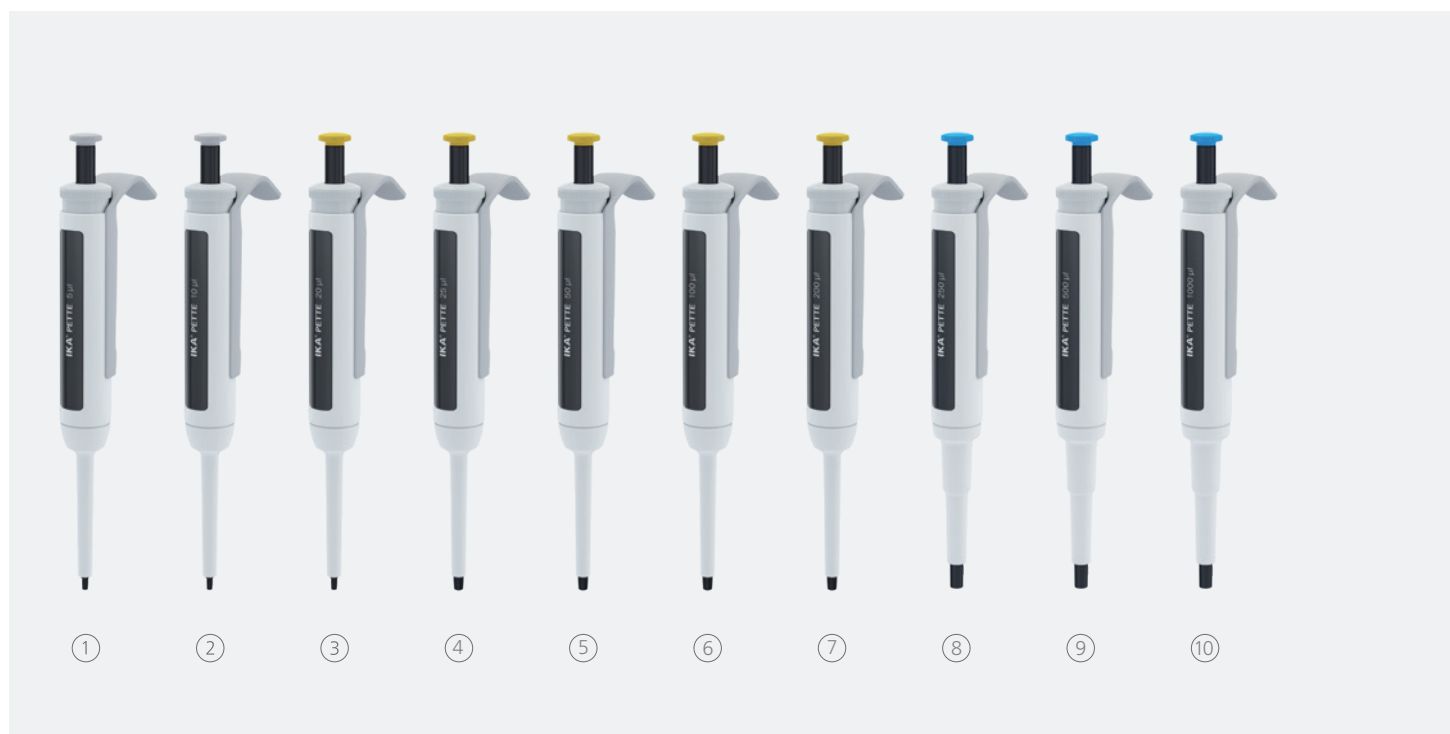
DURABLE CONSTRUCTION

The tip cone and piston are coated with a high quality diamond-like carbon (DLC).

SIMPLE MAINTENANCE AND ADJUSTMENT

The volume unit with piston and seal can be disassembled and cleaned in just a few simple steps. If adjustment is necessary, it can be done without any additional tool.





① **IKA PETTE fix 5 µl**
USD 149 | MYR 611
Ident. No. 0020011219

② **IKA PETTE fix 10 µl**
USD 149 | MYR 611
Ident. No. 0020011220

③ **IKA PETTE fix 20 µl**
USD 149 | MYR 611
Ident. No. 0020011221

④ **IKA PETTE fix 25 µl**
USD 149 | MYR 611
Ident. No. 0020011222

⑤ **IKA PETTE fix 50 µl**
USD 149 | MYR 611
Ident. No. 0020011223

⑥ **IKA PETTE fix 100 µl**
USD 149 | MYR 611
Ident. No. 0020011224

⑦ **IKA PETTE fix 200 µl**
USD 149 | MYR 611
Ident. No. 0020011225

⑧ **IKA PETTE fix 250 µl**
USD 149 | MYR 611
Ident. No. 0020011226

⑨ **IKA PETTE fix 500 µl**
USD 149 | MYR 611
Ident. No. 0020011227

⑩ **IKA PETTE fix 1000 µl**
USD 149 | MYR 611
Ident. No. 0020011228

	IKA 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 IKA PETTE vario 0.1 – 2 µl

USD 269 | MYR 990
Ident. No. 0020011210

② IKA PETTE vario 0.5 – 10 µl

USD 269 | MYR 990
Ident. No. 0020011211

③ IKA PETTE vario 2 – 20 µl

USD 269 | MYR 990
Ident. No. 0020011213

④ IKA PETTE vario 10 – 100 µl

USD 269 | MYR 990
Ident. No. 0020011214

⑤ IKA PETTE vario 20 – 200 µl

USD 269 | MYR 990
Ident. No. 0020011215

⑥ IKA PETTE vario 100 – 1000 µl

USD 269 | MYR 990
Ident. No. 0020011216

⑦ IKA PETTE vario 0.5 – 5 ml

USD 269 | MYR 990
Ident. No. 0020011217

⑧ IKA PETTE vario 1 – 10 ml

USD 269 | MYR 990
Ident. No. 0020011218

	IKA 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 739 | MYR 3,030

Ident. No. 0010007638



IKA PETTE MicroKit B

USD 739 | MYR 3,030

Ident. No. 0010007639



IKA PETTE Classic Kit

USD 739 | MYR 3,030

Ident. No. 0010007640



IKA PETTE MacroKit

USD 769 | MYR 3,153

Ident. No. 0010007641



IKA PETTE MicroKit A

- › IKA Pette vario 0.1 – 2 µl
- › IKA Pette vario 0.5 – 10 µl
- › IKA Pette vario 10 – 100 µl
- › Linea
- › Tip xs box
- › Tip s box

IKA PETTE MicroKit B

- › IKA Pette vario 0.1 – 2 µl
- › IKA Pette vario 2 – 20 µl
- › IKA Pette vario 20 – 200 µl
- › Linea
- › Tip xs box
- › Tip s box

IKA PETTE Classic Kit

- › IKA Pette vario 2 – 20 µl
- › IKA Pette vario 20 – 200 µl
- › IKA Pette vario 100 – 1000 µl
- › Linea
- › Tip s box
- › Tip m box

IKA PETTE MacroKit

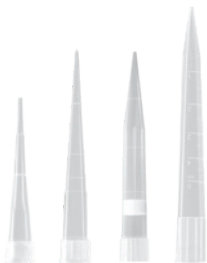
- › IKA Pette vario 100 – 1000 µl
- › IKA Pette vario 0.5 – 5 ml
- › IKA Pette vario 1 – 10 ml
- › Linea
- › Tip m box
- › Tip l box
- › Tip xl box



WATCH THE VIDEO
www.ika.com/videos
IKA PETTE



LINEA



Pipette tips



Filter XL

Filter L

Product	Description	Ident. No.	Price	
ACCESSORIES				
LINEA	Pipette rack	0020018987	USD 112	MYR 459
Tip xs bag	Pipette tip, 10 µl, transparent, 10 000 pcs.	0020017816	USD 424	MYR 1,738
Tip xs tray	Pipette tip, 10 µl, transparent, 2304 pcs.	0020017818	USD 147	MYR 603
Tip xs box	Pipette tip, 10 µl, transparent, 1920 pcs.	0020101786	USD 147	MYR 603
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	USD 332	MYR 1,361
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	USD 258	MYR 1,058
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	USD 129	MYR 529
Tip s box	Pipette tip, 200 µl, transparent, 1920 pcs.	0020101787	USD 147	MYR 603
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	USD 332	MYR 1,361
Tip m bag	Pipette tip, 1000 µl, transparent, 5000 pcs.	0020017826	USD 165	MYR 677
Tip m tray	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020100421	USD 147	MYR 603
Tip m box	Pipette tip, 1000 µl, transparent, 1920 pcs.	0020101788	USD 147	MYR 603
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1920 pcs.	0020100000	USD 258	MYR 1,058
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	USD 351	MYR 1,439
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	USD 183	MYR 750
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	USD 369	MYR 1,513
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	USD 221	MYR 906
Pipette tip box xs/s	Stacking box, 6 pcs.	0020017834	USD 109	MYR 447
Refill tray xs	Refill tray, 25 pcs.	0020017836	USD 147	MYR 603
Refill tray s	Refill tray, 25 pcs.	0020017837	USD 147	MYR 603
Filter L	Filter for single-channel pipette 5 ml, 100 pcs.	0020016449	USD 64	MYR 262
Filter XL	Filter for single-channel pipette 10 ml, 100 pcs.	0020016450	USD 64	MYR 262



SOFTWARE

Pipette Calibration Software

USD 377 | MYR 1,546

Ident. No. 0020022141

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

IKA lab reactors are the most unique systems when it comes to optimizing and reproducing chemical reactions, mixing, dispersing and homogenization processes on a lab scale. The lab reactors can be individually customized to perform numerous tasks, including production of creams and lotions, grinding and disintegrating of solids and fibers in liquids or polymers, etc. Single-walled or double-walled vessels made from borosilicate glass or stainless steel are available, each with or without bottom discharge valve.

LR 1000 CONTROL SYSTEM

/// Reactor with weighing function and cooling water control

The LR 1000 control is a cost efficient, modular laboratory reactor designed to optimize chemical reaction processes as well as for mixing, dispersing and homogenization tasks on a lab scale, particularly in the cosmetic and pharmaceutical industry. The system can be adapted quickly and easily to a wide range of applications and specific requirements.

Prominent features are its intuitive menu navigation, integrated pH and temperature sensor connection as well as several interfaces that allow display and storage of process-relevant data on a PC. By using the laboratory software labworldsoft® (accessory) it is possible to even control the reactor via PC and make further settings. In addition, a control valve connection to attach a magnetic valve (accessory) for program-based cooling water control is integrated.



LR 1000 basic Package

USD 10,955 | MYR 44,916

Ident. No. 0008040100



With just one base unit
multiple vessels can be
used!

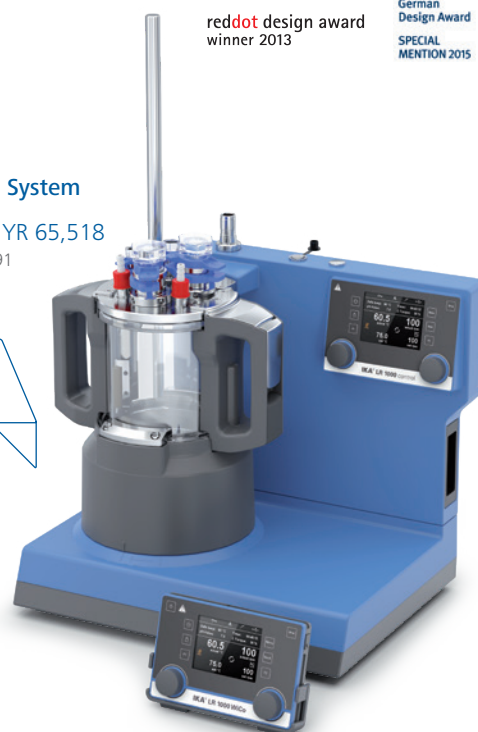


LR 1000 control System

USD 15,980 | MYR 65,518

Ident. No. 0025001991

Weighing range:
max. 2 kg



reddot design award
winner 2013



German
Design Award
SPECIAL
MENTION 2015

TECHNICAL DATA

	LR 1000 BASIC*	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 × H × D)	443 × 360 × 295 mm	443 × 360 × 295 mm

* PT 100.30 included in delivery

LR-2.ST
The High-Performer

USD 14,612 | MYR 59,909
Ident. No. 0020013291

- LR-2.ST stand system
- + LR-2.SI safety disconnection
- + EUROSTAR 200 control P4 overhead stirrer



LR-2.ST
The Allrounder

USD 12,903 | MYR 52,902
Ident. No. 0020013292

- LR-2.ST stand system
- + LR-2.SI safety disconnection
- + EUROSTAR 200 control overhead stirrer



LR-2.ST
The Versatile

USD 12,383 | MYR 50,770
Ident. No. 0020013293

- LR-2.ST stand system
- + LR-2.SI safety disconnection
- + EUROSTAR 100 control overhead stirrer



LR-2.ST
The Compact Power

USD 11,758 | MYR 48,208
Ident. No. 0020013294

- LR-2.ST stand system
- + LR-2.SI safety disconnection
- + EUROSTAR 60 control overhead stirrer



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

LR-2.ST STARVISC 200

/// Stirs and displays viscosity

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

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

LR-2.ST STARVISC 200

USD 21,026 | MYR 86,207

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



WiCo LR 1000



LR 1000.3



LR 1000.10



LR 1000.20



LR 1000.41



LR 1000.64



LR 1000.70



MV 1

Product	Description	Ident. No.	Price	
ACCESSORIES LR 1000				
WiCo LR 1000	Wireless controller	0020007267	USD 1,010	MYR 4,141
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors, anchor stirrer	0003602000	USD 6,329	MYR 25,949
LR 1000.3	Reactor vessel, 1000 ml, FFKM sealings, 6 connectors, anchor stirrer with PEEK scrapers	0025001955	USD 6,939	MYR 28,450
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	USD 1,157	MYR 4,744
LR 1000.11	Anchor stirrer, stainless steel	0004663000	USD 471	MYR 1,931
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	USD 625	MYR 2,563
LR 1000.41	Shaft receptacle for dispersing tool	0004664300	USD 879	MYR 3,604
LR 1000.61	Temperature sensor receptacle	0004664400	USD 847	MYR 3,473
LR 1000.62	Sensor receptacle GL 14	0020010508	USD 522	MYR 2,140
LR 1000.64	pH electrode	0004663300	USD 2,065	MYR 8,467
LR 1000.65	pH electrode receptacle	0004663400	USD 1,684	MYR 6,904
LR 1000.70	Lid holder	0025003123	USD 420	MYR 1,722
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	USD 497	MYR 2,038
Holder MV 1	Holder for cooling water control valve	0020019816	USD 297	MYR 1,218

ACCESSORIES LR-2.ST

LR-2.SI	Safety stop	0003318300	USD 1,556	MYR 6,380
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	USD 2,391	MYR 9,803
LR 2000.11	Anchor stirrer, stainless steel	0002509500	USD 1,092	MYR 4,477
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	USD 1,100	MYR 4,510
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	USD 1,409	MYR 5,777
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	USD 5,408	MYR 22,173
LR 2000.2	Glass reactor vessel, double-walled, bot. drain 2000 ml	0002509600	USD 7,005	MYR 28,721
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	USD 8,274	MYR 33,923
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	USD 13,474	MYR 55,243



LR 2.1



LR 2000.1



LR 2000.2



LR 2000.3



LR 2000.4



HBR 4 control LR



LT 5.28

Product	Description	Ident. No.	Price	
ACCESSORIES LR-2.ST				
LR 2000.40	Shaft receptacle	0002509200	USD 987	MYR 4,047
LR 2000.60	Sensor receptacle	0002509300	USD 987	MYR 4,047
LR 2000.64	pH process electrode	0020010075	USD 1,887	MYR 7,737
LR 2000.65	pH measuring sensor receptacle	0003172600	USD 1,686	MYR 6,913
LR-2.SP	Splinter shield	0003326400	USD 740	MYR 3,034
LT 5.23	Hose adapter set	0002235000	USD 199	MYR 816
LT 5.25	Lock coupling set	0020000878	USD 920	MYR 3,772
LT 5.26	Lock adapter set	0020000879	USD 632	MYR 2,591
LT 5.27	Hose adapter set	0020000880	USD 920	MYR 3,772
LT 5.28	Pressure control valve	0020100227	USD 259	MYR 1,062
H 68.55	Temp. sensor, stn. steel, Ø 6 mm	0025007921	USD 396	MYR 1,624
HBR 4 control LR	Heating bath, 4 l	0010001849	USD 7,056	MYR 28,930
PT 1000.61	Temperature sensor, stn. steel, Ø 6 mm	0020009881	USD 413	MYR 1,693

ACCESSORIES LABORATORY REACTORS

T 25 digital LR	Disperser	0020008820	USD 2,874	MYR 11,783
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	USD 3,881	MYR 15,912
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	USD 3,735	MYR 15,314
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	USD 2,764	MYR 11,332
S 25 KD - LR - 18 G	Dispersing element, Ø 18 mm	0025007071	USD 1,848	MYR 7,577
S 25 KD - LR - 25 G	Dispersing element, length: 267 mm	0025007321	USD 2,826	MYR 11,587
S 25 KD - LR - 25 F	Dispersing element, length: 267 mm	0025007322	USD 2,905	MYR 11,911



T 25 digital LR



S 25 KD - LR - 18 G



S 25 KD - LR - 25 F

magic PLANT basic

Price on request
Ident. No. 0020001186

The ideal small laboratory plant for perfect mixing and homogenizing of liquid to pasty products.



magic PLANT inline

Price on request
Ident. No. U107703

Effective dispersing and homogenizing. In connection with the IKA magic LAB, the magic PLANT is specially adapted to the requirements of batch plants.



magic PLANT powder

Price on request
Ident. No. U107159

Efficient but gentle mixing and drying of all free flowing solids, including products with different bulk densities and particle sizes.



The IKA magic PLANT is an ideal laboratory scale process plant. This system is used for batch-wise mixing, homogenizing, emulsifying, in addition to forming sample suspensions for capacities of up to 2 liters. Whether it is involved with the

manufacturing of liquids, pastes or powders – the magic PLANT delivers, enabling a seamless transition from product development to production.

TECHNICAL DATA	MAGIC PLANT BASIC	MAGIC PLANT INLINE	MAGIC PLANT POWDER
Max. admissible temperature	150 °C	80 / 120 °C	150 °C
Working pressure range	-1 to 2.5 bar (5 bar*)	-0.5 to 2.5 bar	-1 to 2.5 bar (5 bar*)
Useful volume	1 – 2 l	0.5 – 2 l	0.5 – 1.5 l
Stirring tool	Anchor and propeller	Anchor	Spiral
Speed range	0 – 2000 rpm (Propeller, Dissolver) 0 – 350 rpm (Anchor, Spiral)	0 – 2000 rpm (Propeller, Dissolver) 0 – 350 rpm (Anchor, Spiral)	0 – 350 rpm (Spiral)

* with optional safety valve

Algaemaster 10 control

USD 50,099 | MYR 205,406

Ident. No. 0020009577

ALGAEMASTER 10 CONTROL

/// Growing algae made easy

Algae are becoming increasingly interesting for different industries. The IKA Algaemaster 10 control is a fully autonomous photo bioreactor that provides researchers with the equipment necessary for producing mass densities of sensitive microalgae.



TECHNICAL DATA	ALGAEMASTER 10 CONTROL
Useable volume	6000 – 10 000 ml
Viscosity max.	100 mPas
Speed range	10 – 100 rpm
Temperature measurement resolution	0.1 K
pH measuring range	0 – 13 pH
Accuracy of pH measurement	0.1 pH
pH measurement resolution	0.01 pH
Cooling medium temperature	4 – 60 °C
Speed deviation	±5 rpm
Speed display	TFT
Dimensions (W × H × D)	800 × 1000 × 600 mm
Weight	46 kg

- > Ocean water resistant and completely autoclavable lid and vessel
- > Metal-free components for sensitive bioactive materials
- > Material touching the product: borosilicate glass, PTFE, Ultem®
- > Computerized control of lighting, temperature, stirring, pH and dosing of liquid or gas
- > Customizable lid with nine receptacles
- > Effortless data collection via USB drive
- > Attractive cost / performance ratio

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.

LABWORLDSoft® 6

/// One software, unlimited possibilities



labworldsoft® 6 Starter

USD 6,369 | MYR 26,113
Ident. No. 0020019397

labworldsoft® 6 Starter Update

USD 1,274 | MYR 5,223
Ident. No. 0020019398

labworldsoft® 6 Advanced

USD 10,764 | MYR 44,132
Ident. No. 0020105873

labworldsoft® 6 Advanced Update

USD 2,153 | MYR 8,827
Ident. No. 0020105874

labworldsoft® 6 Starter Upgrade

USD 8,167 | MYR 33,485
Ident. No. 0020019399

labworldsoft® 6 Pro

USD 14,537 | MYR 59,602
Ident. No. 0020017366

labworldsoft® 6 Pro Update

USD 2,908 | MYR 11,923
Ident. No. 0020018014

labworldsoft® 6 Pro + 5 Years Support

USD 24,703 | MYR 101,282
Ident. No. 0020022767



C 6040 CalWin

USD 3,746 | MYR 15,359

Ident. No. 0004040500

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



Expert Key 100 eco

Expert Key 100 pro



ETH SER 4



PCI 8.2

Product	Description	Ident. No.	Price	
Expert Key 100 eco	Data collection system for laboratories	0020005486	USD 6,864	MYR 28,142
Expert Key 100 pro	Data collection system for industries	0020005485	USD 7,256	MYR 29,750
Multi power switch	Switchable multiple connection plug board	0020003454	USD 153	MYR 627
MV 1 power plug	Cooling water valve with power plug	0010001655	USD 856	MYR 3,510
RV 10 A 1	Adapter valve for Expert Key	0020004314	USD 109	MYR 447
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	USD 115	MYR 472
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	USD 143	MYR 586
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	USD 60	MYR 246
PC 1.1	Cable, L 3 m	0002616700	USD 204	MYR 836
PC 1.5	Cable, L 2.5 m	0002756000	USD 199	MYR 816
PC 2.1	Cable, L 5 m	0002700700	USD 190	MYR 779
USB 3.0 EXT 10	USB 3.0 extension cable, L 10 m	0020021255	USD 184	MYR 754
DTM 12.10	Data cable, L 2.5 m, 9 pins (F)	0003127800	USD 796	MYR 3,264
PC 1.2	Adapter, 25 pins	0002616800	USD 236	MYR 968
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	USD 151	MYR 619
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	USD 124	MYR 508
PCI 8.2	Plug-in card, 25 pins	0008017500	USD 3,968	MYR 16,269
USB SER 4	USB-serial converter 4 ports	0020003456	USD 493	MYR 2,021
USB SER 8	USB-serial converter 8 ports	0020018480	USD 847	MYR 3,473
USB SER 16	USB-serial converter 16 ports	0020018736	USD 1,464	MYR 6,002
USB Hub 2.0 4	USB hub 2.0 4 ports	0020021256	USD 123	MYR 504
USB Hub 2.0 7	USB hub 2.0 7 ports	0020021257	USD 232	MYR 951
USB ISO	USB isolator	0020101935	USD 231	MYR 947
ETH SER 4	Ethernet-serial converter 4 ports	0003192000	USD 3,987	MYR 16,347
ETH SER 8	Ethernet-serial converter 8 ports	0020021350	USD 1,928	MYR 7,905
ETH SER 16	Ethernet-serial converter 16 ports	0020021351	USD 2,930	MYR 12,013

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 new 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

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

Maximum energy input

Resolution of the temperature sensor

Display

Oxygen operating pressure max.

Reproducibility
(1g benzoic acid NBS39i)

Measuring modes

Measurements per hour

Number of possible
decomposition vessels per device

Dimensions (W × H × D)

C 6000 ISOPERIBOL I
GLOBAL STANDARDS

40 000 J / 9560 cal

0.0001 K

TFT with touch screen

40 bar

Isoperibol 0.05% RSD
Dynamic 0.15% RSD
Adiabatic 0.05% RSDIsoperibol 22 / 25 / 30 °C
Dynamic 22 / 25 / 30 °C
Adiabatic 22 / 25 / 30 °CIsoperibol 4
Dynamic 6
Adiabatic 5

up to 4

500 × 425 × 450 mm

AOD 1

USD 21,971 | MYR 90,081

Ident. No. 0008801300



C 7000 Set 1

Price on request

Ident. No. 0008800900

C 7000 Set 2

Price on request

Ident. No. 0008801400



TECHNICAL DATA

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

TECHNICAL DATA

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



C 1.12



C 1.20



C 1.50



C 6010



C 6030



C 21

Product	Description	Ident. No.	Price	
ACCESSORIES AND CONSUMABLES C 1				
C 1/10	Food add on Package for C 1	0010001917	USD 7,445	MYR 30,525
C 1.20	Water heater	0004501000	USD 2,044	MYR 8,380
C 1.10	Combustion chamber	0004500300	USD 798	MYR 3,272
C 1.12	Combustion chamber, halogen resistant	0004500400	USD 4,498	MYR 18,442
C 1.50	Dot matrix printer	0004500600	USD 2,069	MYR 8,483
C 1.30	Venting station	0004500900	USD 3,314	MYR 13,587
C 1.1012	Organizer	0004500700	USD 295	MYR 1,210
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	USD 612	MYR 2,509
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	On request	On request
C 1.103	Ignition wire, Kanthal, 5 pcs.	0004579300	USD 83	MYR 340
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	USD 264	MYR 1,082

ACCESSORIES AND CONSUMABLES C 6000

C 6010	Decomposition vessel, standard	0003770000	USD 4,756	MYR 19,500
C 6012	Decomposition vessel, halogen resistant	0004504000	USD 9,513	MYR 39,003
C 6010 HE	Standard decomposition vessel with hastelloy electrodes	0020007660	USD 5,060	MYR 20,746
C 6010.10	Combustion shield	0020007518	USD 172	MYR 705
C 1.50	Dot matrix printer	0004500600	USD 2,069	MYR 8,483
C 6030	Venting station	0004504100	USD 3,905	MYR 16,011
C 60.1012	Organizer	0004504200	USD 411	MYR 1,685
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	USD 1,750	MYR 7,175
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	USD 4,449	MYR 18,241
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	USD 83	MYR 340
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	USD 264	MYR 1,082

ACCESSORIES ALL CALORIMETERS

C 27	Calorimeter preparation set	0004579700	USD 180	MYR 738
C 29 (DIN 477)	Pressure regulator, oxygen	0000750200	USD 2,207	MYR 9,049
C 29 (BS341-3)	Pressure regulator, oxygen	0020101322	USD 1,568	MYR 6,429
C 29 (NFE29-656)	Pressure regulator, oxygen	0020101828	USD 1,568	MYR 6,429
C 21	Pelleting press	0001605300	USD 5,401	MYR 22,144
C 5010.8	Crucible holder, small	0004579800	USD 309	MYR 1,267
C 5010.5	Crucible holder, big	0003055900	USD 390	MYR 1,599



C 200.RC



C 248



C 5010



C 5020



C 48



C 7010.8



C 5010.4



C 5010.5

Product	Description	Ident. No.	Price
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ACCESSORIES C 200

C 200.RC	Set of hoses	0020010835	USD 937	MYR 3,842
C 248	Oxygen station	0003520000	USD 1,734	MYR 7,109
C 200.1	Measuring cup, 2000 ml	0003548900	USD 100	MYR 410
C 200.2	Conversion kit for C 5012	0004028800	USD 445	MYR 1,825

ACCESSORIES C 200, C 2000, C 5000

C 5010	Decomposition vessel, standard	0007114000	USD 7,186	MYR 29,463
C 5012	Decomposition vessel, halogen resistant	0007215000	USD 16,062	MYR 65,854
C 5010 HE	Standard decomposition vessel with hastelloy electrodes	0003955000	USD 6,014	MYR 24,657
C 5030	Venting station	0007198000	USD 4,008	MYR 16,433
C 5010.4	Attachment for combustile crucible C 14	0003016900	USD 507	MYR 2,079
C 26	Prep stand	0008804000	USD 327	MYR 1,341

ACCESSORIES C 2000, C 5000, C 6000

C 5020	Sample rack	0007145000	USD 11,304	MYR 46,346
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ACCESSORIES C 2000, C 5000, C 7000

C 5041.10	Connection cable	0003036000	USD 84	MYR 344
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ACCESSORIES C 1, C 2000, C 6000

C 25	Pressure regulating valve	0003197200	USD 714	MYR 2,927
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ACCESSORIES C 7000

C 7000	Measurement cell	0003008000	USD 40,777	MYR 167,186
C 7010	Decomposition vessel, standard	0003015000	USD 6,096	MYR 24,994
C 7012	Decomposition vessel, halogen resistant	0003017000	USD 11,871	MYR 48,671
C 7002	Cooling system	0007011000	USD 15,599	MYR 63,956
C 48	Oxygen station	0001560000	USD 5,180	MYR 21,238
C 7030	Venting station	0003013300	USD 2,897	MYR 11,878
C 7010.8	Venting handle	0007095000	USD 654	MYR 2,681
C 5010.4	Attachment for combustile crucible C 14	0003016900	USD 507	MYR 2,079



C 710.4



C 5



C 4



C 10



C 9



C 15



C 12



C 43



C 17



AOD 1.11



C 723



C 5012.3

Product	Description	Ident. No.	Price	
CONSUMABLES ALL CALORIMETERS				
C 6000.1*	Water protect, 100 ml	0020014031	USD 173	MYR 709
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	USD 100	MYR 410
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	USD 62	MYR 254
C 4	Quartz dish	0001695500	USD 100	MYR 410
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	USD 352	MYR 1,443
C 6	Quartz dish, big	0000355100	USD 100	MYR 410
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	USD 559	MYR 2,292
C 9	Gelatine capsules, 100 pcs.	0000749900	USD 100	MYR 410
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	USD 236	MYR 968
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	USD 119	MYR 488
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	USD 119	MYR 488
C 15	Parafilm strips	0003131100	USD 139	MYR 570
C 16	Parafilm, 1000 × 50 mm	0003801100	USD 88	MYR 361
C 17	Paraffin, liquid, 30 ml	0003801200	USD 139	MYR 570
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	USD 1,124	MYR 4,608
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	USD 158	MYR 648
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	USD 1,229	MYR 5,039
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	USD 796	MYR 3,264
CONSUMABLES C 200, C 2000, C 5000, C 7000				
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	USD 158	MYR 648
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	USD 293	MYR 1,201
C 14	Combustible crucibles, 100 pcs.	0007224500	USD 219	MYR 898

* Use biocidal product carefully.

Always read the label and product information before use.

Active ingredients: < 0.1 % Bardap 26, < 0.1 % Diamine



AOD 1.2



AOD 1.1



AOD 1.3



Product	Description	Ident. No.	Price	
ACCESSORIES AOD 1				
AOD 1.1 FZ	Decomposition vessel	0003303000	USD 15,981	MYR 65,522
AOD 1.2	External ignition unit	0003348000	USD 2,805	MYR 11,501
AOD 1.3	Protection device	0003308000	USD 4,003	MYR 16,412
AOD 1.13	Remote ignition head	0003348100	USD 1,318	MYR 5,404
C 48	Oxygen station	0001560000	USD 5,180	MYR 21,238
C 7030	Venting station	0003013300	USD 2,897	MYR 11,878
C 21	Pelleting press	0001605300	USD 5,401	MYR 22,144
C 29	Pressure gauge, oxygen	0000750200	USD 2,207	MYR 9,049
C 5010.4	Attachment for combustible crucible C 14	0003016900	USD 507	MYR 2,079
CONSUMABLES AOD 1				
C 4	Quartz dish	0001695500	USD 100	MYR 410
C 9	Gelatine capsules, 100 pcs.	0000749900	USD 100	MYR 410
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	USD 236	MYR 968
C 12	Combustion bags, 40 × 35 mm, 100 pcs.	0002201400	USD 119	MYR 488
C 12 A	Combustion bags, 70 × 40 mm, 100 pcs.	0002201500	USD 119	MYR 488
C 14	Combustible crucibles, 100 pcs.	0007224500	USD 219	MYR 898
C 15	Parafilm strips	0003131100	USD 139	MYR 570
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	USD 293	MYR 1,201
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	USD 100	MYR 410
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	USD 796	MYR 3,264
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	USD 158	MYR 648
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	USD 1,229	MYR 5,039

C 6040 CalWin

USD 3,746 | MYR 15,359

Ident. No. 0004040500*

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



R 200

R 270



RH 5



LABLIFT m

Product	Description	Ident. No.	Price	
FIXING ELEMENTS				
H 44	Boss head clamp	0002437700	USD 43	MYR 176
R 200	Clamp for T 10 basic and R 104	0003372000	USD 95	MYR 390
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	USD 68	MYR 279
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	USD 275	MYR 1,128
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	USD 174	MYR 713
R 350	Universal clamp	0001752900	USD 262	MYR 1,074
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	USD 174	MYR 713
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	USD 292	MYR 1,197
LABLIFT m	Manual scissor lift	0004022400	USD 532	MYR 2,181

STANDS

R 6547 H

R 104	Stand for T 10 basic, H 370 mm	0003386000	USD 208	MYR 853
R 1825	Plate stand, H 560 mm	0003160000	USD 366	MYR 1,501
R 1826	Plate stand, H 800 mm	0003160100	USD 244	MYR 1,000
R 1827	Plate stand, H 1000 mm	0003160200	USD 426	MYR 1,747
R 2722	H-stand, 1010 mm	0001412000	USD 1,198	MYR 4,912
IKA [scale]	Stand with an integrated scale	0025004318	USD 1,278	MYR 5,240
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	USD 1,109	MYR 4,547
T 653	Telescopic stand, H 1200 mm	0001608000	USD 3,207	MYR 13,149
R 474	Telescopic stand, H 1200 mm	0001643000	USD 3,207	MYR 13,149
R 472	Floor stand, H 2020 mm	0000738700	USD 6,583	MYR 26,990
R 2850	Floor stand, H 1900 mm	0020002900	USD 4,430	MYR 18,163
R 6547 H	Floor stand, hydraulic	0020018378	USD 12,660	MYR 51,906
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018383	USD 5,570	MYR 22,837



R 104

R 1825

R 2722

R 2723

R 474

R 2850



ALMEMO 2490



PT 100.23

Product	Description	Ident. No.	Price	
ELECTRONIC ACCESSORIES				
ALMEMO 2490-2	Temperature measuring instrument	0004709300	USD 3,821	MYR 15,666
R 2850.SI	Safety stop	0020010623	On request	On request
IKA [scale]	Stand with weighing function	0025004318	USD 1,278	MYR 5,240
R 6547 E 400V	Floor stand, electrohydraulics	0020018384	On request	On request
ACCESSORIES ALMEMO				
ALMEMO USB cable	USB cable	0004709400	USD 660	MYR 2,706
PT 100.23	Temp. sensor, stn. steel, Ø3 mm, length: 250 mm	0003122100	USD 682	MYR 2,796
PT 100.24	Temp. sensor, stn. steel, coated, Ø6 mm, 250 mm	0003122200	USD 753	MYR 3,087
PT 100.25	Temp. sensor, stn. steel, Ø6 mm, 265 mm	0003122300	USD 968	MYR 3,969

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.



C-MAG HS 7 Package



T 18 digital Package



MultiDrive basic M 20 Successor Package

Product	Description	Ident. No.	Price	
MAGNETIC STIRRER PACKAGE				
C-MAG HS 7 Package		0009015900	USD 1,029	MYR 4,219
C-MAG HS 7	Magnetic stirrer with heating, ceramic plate	0003581200		
ETS-D5	Electronic contact thermometer	0003378000		
H 38	Holding rod	0003547700		
H 44	Boss head clamp	0002437700		
H 16 V	Support rod	0001545100		
DISPERSER PACKAGE				
T 18 digital Package		0009024700	USD 3,098	MYR 12,702
T 18 digital	Disperser	0003720000		
S 18 N - 19 G	Dispersing tool	L004640		
R 1826	Plate stand	0003160100		
R 182	Boss head clamp	0002657700		
MILL PACKAGE				
MultiDrive basic M 20 Successor Package		0010005893	USD 4,872	MYR 19,975
MultiDrive basic	Universal crusher	0025002638		
MI 250	Milling chamber	0025003967		
MultiDrive control MT Package		0010007083	USD 4,782	MYR 19,606
MultiDrive control	Universal crusher	0025002643		
TC 1	protective housing	0020023489		
MT 150.5	Autoclavable disposable tubes	0020023173		
MultiDrive control BT Package		0010007086	USD 4,782	MYR 19,606
MultiDrive control	Universal crusher	0025002643		
TC 1	protective housing	0020023489		
BT 250.5	Autoclavable disposable tubes	0020023174		



ICC basic eco 8



ICC control pro 9



ICC basic eco 18



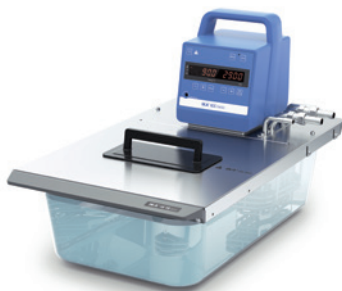
ICC control pro 20

Product	Description	Ident. No.	Price	
HEATING BATH CIRCULATORS				
ICC basic eco 8 Package*		0008034900	USD 2,105	MYR 8,631
ICC basic	Compact immersion circulator	0004134400		
IB eco 8	Bath vessel, plastic	0004248100		
ICC control eco 8 Package*		0008035300	USD 2,745	MYR 11,255
ICC control	Compact immersion circulator	0004136600		
IB eco 8	Bath vessel, plastic	0004248100		
ICC basic pro 9 Package*		0008035100	USD 2,375	MYR 9,738
ICC basic	Compact immersion circulator	0004134400		
IB pro 9	Bath vessel, stainless steel	0004248500		
ICC control pro 9 Package*		0008035500	USD 2,967	MYR 12,165
ICC control	Compact immersion circulator	0004136600		
IB pro 9	Bath vessel, stainless steel	0004248500		
ICC basic pro 12 Package*		0010000414	USD 2,472	MYR 10,135
ICC basic	Compact immersion circulator	0004134400		
IB pro 12	Bath vessel, stainless steel	0004577500		
ICC control pro 12 Package*		0010000415	USD 3,067	MYR 12,575
ICC control	Compact immersion circulator	0004136600		
IB pro 12	Bath vessel, stainless steel	0004577500		
ICC basic eco 18 Package*		0008035000	USD 1,908	MYR 7,823
ICC basic	Compact immersion circulator	0004134400		
IB eco 18	Bath vessel, plastic	0004248200		
ICC control eco 18 Package*		0008035400	USD 2,946	MYR 12,079
ICC control	Compact immersion circulator	0004136600		
IB eco 18	Bath vessel, plastic	0004248200		
ICC basic pro 20 Package*		0008035200	USD 2,183	MYR 8,950
ICC basic	Compact immersion circulator	0004134400		
IB pro 20	Bath vessel, stainless steel	0004248600		
ICC control pro 20 Package*		0008035600	USD 2,701	MYR 11,074
ICC control	Compact immersion circulator	0004136600		
IB pro 20	Bath vessel, stainless steel	0004248600		

* Bath bridge included in delivery



ICC basic eco 8 c



ICC basic eco 8 c



ICC basic pro 12 c



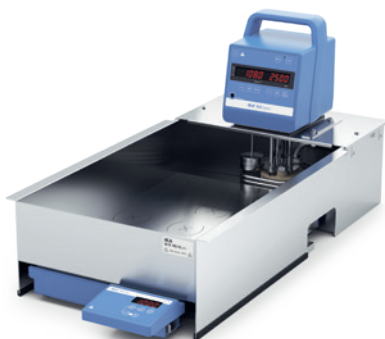
ICC control pro 20 c

Product	Description	Ident. No.	Price	
COMBINED HEATING BATH CIRCULATORS				
ICC basic eco 8 c Package*		0008035700	USD 2,749	MYR 11,271
ICC basic	Compact immersion circulator	0004134400		
IB eco 8	Bath vessel, plastic	0004248100		
ICC control eco 8 c Package*		0008036100	USD 3,757	MYR 15,404
ICC control	Compact immersion circulator	0004136600		
IB eco 8	Bath vessel, plastic	0004248100		
ICC basic pro 9 c Package*		0008035900	USD 2,985	MYR 12,239
ICC basic	Compact immersion circulator	0004134400		
IB pro 9	Bath vessel, stainless steel	0004248500		
ICC control pro 9 c Package*		0008036300	USD 3,994	MYR 16,375
ICC control	Compact immersion circulator	0004136600		
IB pro 9	Bath vessel, stainless steel	0004248500		
ICC basic pro 12 c Package*		0010000416	USD 3,106	MYR 12,735
ICC basic	Compact immersion circulator	0004134400		
IB pro 12	Bath vessel, stainless steel	0004577500		
ICC control pro 12 c Package*		0010000417	USD 4,146	MYR 16,999
ICC control	Compact immersion circulator	0004136600		
IB pro 12	Bath vessel, stainless steel	0004577500		
ICC basic eco 18 c Package*		0008035800	USD 2,970	MYR 12,177
ICC basic	Compact immersion circulator	0004134400		
IB eco 18	Bath vessel, plastic	0004248200		
ICC control eco 18 c Package*		0008036200	USD 4,010	MYR 16,441
ICC control	Compact immersion circulator	0004136600		
IB eco 18	Bath vessel, plastic	0004248200		
ICC basic pro 20 c Package*		0008036000	USD 3,299	MYR 13,526
ICC basic	Compact immersion circulator	0004134400		
IB pro 20	Bath vessel, stainless steel	0004248600		
ICC control pro 20 c Package*		0008036400	USD 4,307	MYR 17,659
ICC control	Compact immersion circulator	0004136600		
IB pro 20	Bath vessel, stainless steel	0004248600		

* Bath bridge, cover, pump connection set and cooling coil are included in delivery



ICC control IB R RO 15 eco



ICC basic IB R RO 15 pro



ICC control pro 9



IC control pro 20 c

Product	Description	Ident. No.	Price	
PACKAGES WITH MAGNETIC STIRRER				
ICC basic IB R RO 15 eco Package		0010002471	USD 4,892	MYR 20,057
ICC basic	Compact immersion circulator	0004134400		
IB R RO 15 eco	Bath vessel, plastic	0020006341		
BL.ICC	Bath bridge	0020003078		
RO 15	Multiposition magnetic stirrer	0003692500		
ICC control IB R RO 15 eco Package		0010002474	USD 5,599	MYR 22,956
ICC control	Compact immersion circulator	0004136600		
IB R RO 15 eco	Bath vessel, plastic	0020006341		
BL.ICC	Bath bridge	0020003078		
RO 15	Multiposition magnetic stirrer	0003692500		
ICC basic IB R RO 15 pro Package		0010006740	USD 5,871	MYR 24,071
ICC basic	Compact immersion circulator	0004134400		
IB R RO 15 pro	Bath vessel, stainless steel			
BL.ICC	Bath bridge	0020003078		
RO 15	Multiposition magnetic stirrer	0003692500		
ICC control IB R RO 15 pro Package		0010006736	USD 6,583	MYR 26,990
ICC basic	Compact immersion circulator	0004134400		
IB R RO 15 pro	Bath vessel, stainless steel			
BL.ICC	Bath bridge	0020003078		
RO 15	Multiposition magnetic stirrer	0003692500		
IMMERSION CIRCULATOR IC PACKAGES				
IC basic pro 12 c Package*		0008039900	USD 4,958	MYR 20,328
IC basic	Immersion circulator	0003861000		
IB pro 12	Bath vessel, stainless steel	0004577500		
CM.IC	Cover	0004577600		
IC control pro 12 c Package*		0008040000	USD 5,324	MYR 21,828
IC control	Immersion circulator	0003863000		
IB pro 12	Bath vessel, stainless steel	0004577500		
CM.IC	Cover	0004577600		
IC basic pro 20 c Package*		0008036800	USD 5,178	MYR 21,230
IC basic	Immersion circulator	0003861000		
IB pro 20	Bath vessel, stainless steel	0004248600		
CM.IC	Cover	0004577600		
IC control pro 20 c Package*		0008037200	USD 5,544	MYR 22,730
IC control	Immersion circulator	0003863000		
IB pro 20	Bath vessel, stainless steel	0004248600		
CM.IC	Cover	0004577600		

* Bath bridge and cooling coil are included in delivery



RV 3 V-C



RV 8 V-C

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR PACKAGES				
RV 3 V Package		0010003324	USD 3,723	MYR 15,264
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		
RV 3 V-C Package		0010003328	USD 4,109	MYR 16,847
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		
RV 3 FLEX Package		0010003331	USD 3,467	MYR 14,215
RV 3	Drive	0020015793		
HB eco	Heating bath	0025004726		
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 4,115	MYR 16,872
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		
RV 8 V-C Package		0010003485	USD 4,572	MYR 18,745
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		
RV 8 FLEX Package		0010003488	USD 4,000	MYR 16,400
RV 8	Drive	0025002822		
HB digital	Heating bath	0020004009		
RV 05.10	Balljoint clamp	0000736600		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10.88	Clamp, NS 29	0003683300		



RV 10 digital V-C



RV 10 auto V-C

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR PACKAGES				
RV 10 digital V Package				
RV 10 digital	Drive	0003550099	USD 5,319	MYR 21,808
HB digital	Heating bath	0020004009		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10 digital V-C Package				
RV 10 digital	Drive	0003550099	USD 6,027	MYR 24,711
HB digital	Heating bath	0020004009		
RV 10.10	Set of glassware, vertical, coated	0003755400		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10 digital FLEX Package				
RV 10 digital	Drive	0003550099	USD 5,057	MYR 20,734
HB digital	Heating bath	0020004009		
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 V Package				
RV 10 auto	Drive	0020003919	USD 9,119	MYR 37,388
HB digital	Heating bath	0020004009		
RV 10.1	Set of glassware, vertical	0003655300		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10.4002	Magnetic valve laboratory vacuum	0003880300		
RV 10 auto V-C Package				
RV 10 auto	Drive	0020003919	USD 9,910	MYR 40,631
HB digital	Heating bath	0020004009		
RV 10.10	Set of glassware, vertical, coated	0003755400		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10.4002	Magnetic valve laboratory vacuum	0003880300		
RV 10 auto FLEX Package				
RV 10 auto	Drive	0020003919	USD 8,939	MYR 36,650
HB digital	Heating bath	0020004009		
RV 05.10	Balljoint clamp	0000736600		
RV 10.70	Vapor tube, NS 29/32	0003812200		
RV 10.88	Clamp, NS 29	0003683300		
RV 10.4002	Magnetic valve laboratory vacuum	0003880300		



RV 10 auto pro V-C

RV 10 auto pro V-C
Complete

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR PACKAGES				
RV 10 auto pro V Package		0010004815	USD 11,477	MYR 47,056
RV 10 auto	Drive	0020003919		
VACSTAR digital	Pump with analog connection	0020016236		
HB digital	Heating bath	0020004009		
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 12,270	MYR 50,307
RV 10 auto	Drive	0020003919		
VACSTAR digital	Pump with analog connection	0020016236		
HB digital	Heating bath	0020004009		
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 11,299	MYR 46,326
RV 10 auto	Drive	0020003919		
VACSTAR digital	Pump with analog connection	0020016236		
HB digital	Heating bath	0020004009		
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-C Complete		0010007353	USD 14,206	MYR 58,245
RV 10 auto	Drive	0020003919		
VACSTAR digital	Pump with analog connection	0020016236		
RC 2 lite	Recirculating chiller	0025006624		
HB digital	Heating bath	0020004009		
RV 10.10	Set of glassware, vertical, coated	0003755400		
H.SI.8	Hose set	0004569000		
RV 10.70	Vapor tube, NS 29/32	0003812200		
VSE 1	Vacuum safety emission con- denser	0003683300		
H 11	Mains cable (2x)	0001091500		



RV 8 dry ice condenser



RV 10 digital dry ice condenser C

Product	Description	Ident. No.	Price	
ROTARY EVAPORATOR PACKAGES*				
RV 3 dry ice condensor		0010006363	USD 4,167	MYR 17,085
RV 3	Drive	0020015793		
HB eco	Heating bath	0025004726		
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 C		0010006362	USD 4,398	MYR 18,032
RV 3	Drive	0020015793		
HB eco	Heating bath	0025004726		
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		0010006361	USD 5,016	MYR 20,566
RV 8	Drive	0025002822		
HB digital	Heating bath	0020004009		
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 C		0010006360	USD 5,258	MYR 21,558
RV 8	Drive	0025002822		
HB digital	Heating bath	0020004009		
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 condensor		0010006365	USD 7,204	MYR 29,536
RV 10 digital	Drive	0003550099		
HB digital	Heating bath	0020004009		
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 condensor C		0010006364	USD 7,747	MYR 31,763
RV 10 digital	Drive	0020015793		
HB digital	Heating bath	0020004009		
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



C 1

Product	Description	Ident. No.	Price	
CALORIMETER PACKAGES				
C 1 Package 1/10 Package		0010005633	On request	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	On request
C 1	Calorimeter	0020010860		
C 1.10	Combustion chamber	0004500300		
C 1 Package 3/10 Package		0010005635	On request	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	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	On request
C 1	Calorimeter	0020010860		
C 1.12	Combustion chamber, halogen resistant	0004500400		
C 1 Package 3/12 Package		0010005638	On request	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	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	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	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	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	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	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	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	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	On request
C 6000 isoperibol	Measurement cell	0020005940		
C 6010	Decomposition vessel, standard	0003770000		
C 6000 isoperibol Package 2/12		0010004527	On request	On request
C 6000 isoperibol	Measurement cell	0004025000		
C 6012	Decomposition vessel, halogen resistant	0004504000		



C 7000



ElectraSyn 2.0



Screening System

Product	Description	Ident. No.	Price	
CALORIMETER PACKAGES				
C 7000 Set 1 Package		0008800900	On request	On request
C 7000	Measurement cell	0003008000		
C 7010	Decomposition vessel, standard	0003015000		
C 7002	Cooling system	0007011000		
C 48	Oxygen station	0001560000		
C 7000 Set 2 Package		0008801400	On request	On request
C 7000	Measurement cell	0003008000		
C 7012	Decomposition vessel, halogen resistant	0003017000		
C 7002	Cooling system	0007011000		
C 48	Oxygen station	0001560000		
ELECTROCHEMISTRY PACKAGES				
ElectraSyn 2.0 Package		0020008980	USD 3,573	MYR 14,649
ElectraSyn 2.0	Base unit	0020001549		
Vial holder		0020014424		
Vial	10 ml	0020014424		
Stir plate attachment		0040001991		
Electrode Graphite	2 pcs.	0040002574		
ElectraSyn 2.0 pro Package		0040003261	USD 5,103	MYR 20,922
ElectraSyn 2.0	Base unit	0020001549		
Vial holder		0020014424		
Vial	10 ml	0020014424		
Stir plate attachment		0040001991		
Electrode Graphite	2 pcs.	0040002574		
CV glassy carbon	Electrodes	0040002066		
CV Platinum	Electrodes	0040002569		
Ag / AgCl	Silver reference electrode	0040003172		
Screening System Package (6 divided cells)		0040003631	USD 21,102	MYR 86,518
Reaction block		0020015936		
Electrolysis cells		0040001849		
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004601		
Electrode graphite	16 pcs.	0040001850		
Screening System Package (8 undivided cells)		0040003642	USD 19,678	MYR 80,680
Reaction block		0020015943		
Electrolysis cells		0040001849		
IKA Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025004601		
Electrode graphite	16 pcs.	0040001850		



ROTAVISC me-vi Complete



ROTAVISC SBS hi-vi I Complete



Rotavisc hi-vi I HELI Complete

Product	Description	Ident. No.	Price	
VISCOMETER Packages*				
ROTAVISC lo-vi Complete Package		0025000310	USD 3,711	MYR 15,215
ROTASTAND		0020006787		
ROTAVISC me-vi Complete Package		0025000311	USD 3,711	MYR 15,215
ROTASTAND		0020006787		
ROTAVISC hi-vi I Complete Package		0025000312	USD 3,711	MYR 15,215
ROTASTAND		0020006787		
ROTAVISC hi-vi II Complete Package		0025000313	USD 3,711	MYR 15,215
ROTASTAND		0020006787		
ROTAVISC SBS me-vi Complete Package		0010007714	USD 4,720	MYR 19,352
ROTASTAND		0020006787		
ROTAVISC SBS hi-vi I Complete Package		0010007686	USD 4,720	MYR 19,352
ROTASTAND		0020006787		
ROTAVISC SBS hi-vi II Complete Package		0010007701	USD 4,720	MYR 19,352
ROTASTAND		0020006787		
VISCOMETER Packages* HELISTAND				
ROTAVISC lo-vi HELI Complete Package		0025008225	USD 4,841	MYR 19,848
HELISTAND		0025007567		
ROTAVISC me-vi HELI Complete Package		0025008226	USD 4,841	MYR 19,848
HELISTAND		0025007567		
ROTAVISC hi-vi I HELI Complete Package		0025008227	USD 4,841	MYR 19,848
HELISTAND		0025007567		
ROTAVISC hi-vi II HELI Complete Package		0025008228	USD 4,841	MYR 19,848
HELISTAND		0025007567		
ROTAVISC SBS me-vi HELI Complete Package		0010007716	USD 5,357	MYR 21,964
HELISTAND		0025007567		
ROTAVISC SBS hi-vi I HELI Complete Package		0010007688	USD 5,357	MYR 21,964
HELISTAND		0025007567		
ROTAVISC SBS hi-vi II HELI Complete Package		0010007703	USD 5,357	MYR 21,964
HELISTAND		0025007567		

*ROTAVISC packages include:

SP 1-4 (lo-vi) / SP 7-12 (me-vi, hi-vi I, hi-vi II), protective bracket, temperature sensor



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Application Center

Our Application Center shows the latest laboratory equipment over an area of 400 m².

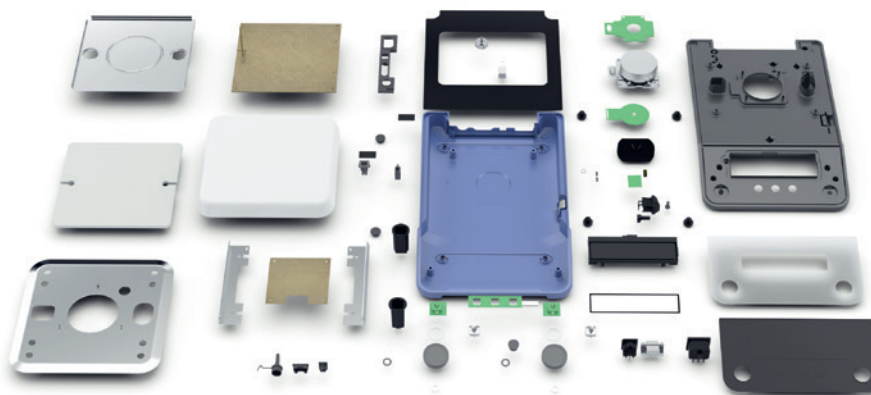
Equipment tests

The Application Team provides support with customized testing of equipment and processes.

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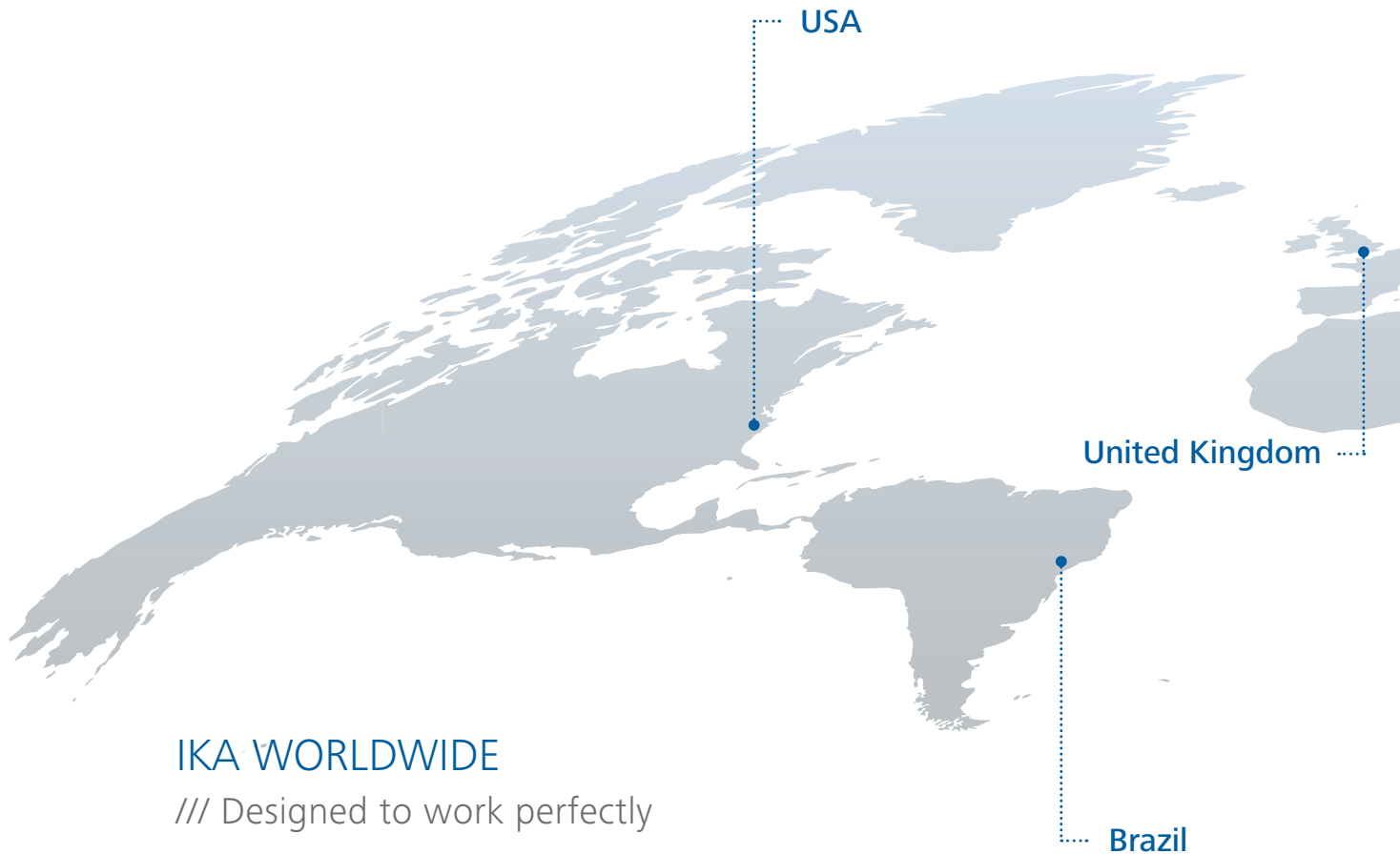
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designed for scientists

EN

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