

# IKA

designed for scientists

EN



PRODUCT OVERVIEW 2019  
The fascinating world of laboratory equipment

## /// PRODUCT OVERVIEW 2019



**WE ARE COMMITTED TO PROVIDING  
INNOVATIONS THAT MAKE YOUR WORK SAFER,  
FUTURE-ORIENTED AND SMARTER.**

/// Discover the fascinating world of laboratory equipment and analytical technologies.

Our new product overview 2019 is ready for you. As a leading manufacturer of laboratory, analytical and processing equipment, we always strive for the best and latest technology for scientists to successfully focus on their work.



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### /// OUR INVENTIONS

With three major world firsts and a total of 60 new products, IKA proudly presented itself at the ACHEMA 2018 in Frankfurt.

In recent years scientists, engineers and technicians have developed innovative devices that greatly simplify workflows in various ways. The result is time saving and thus significantly more efficiency in the laboratory.

Find out more about the newest products which are extending our portfolio.

### /// Torque Measurement Instruments

IKA Starvisc 200-2.5 control, the new torque measuring stirrer, is a globally unique system: it simultaneously measures and displays viscosity during product development.



### /// Shakers

Shaking is one of IKA's core competencies. With IKA Matrix, there is a new powerful product family of thermoshakers available. Mixing, heating, cooling, or all at once? No limits are set with IKA Matrix.



### /// Pipettes

An ergonomic feel combined with uncompromising precise performance: the IKA single fix and vario pipettes can be used for many applications in the modern laboratory.



### /// Centrifuges

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.

### /// Viscometers

Thanks to the all new ROTAVISC series, you can now process your samples with the tried-and-tested IKA laboratory device structure right up to the viscosity measurement stage.





### /// Drying Ovens

The models in the IKA Oven 125 dry series have the largest drying chambers in their class and are powerful devices for temperature regulation, drying, ageing and heating tasks.



### /// Mills

With MultiDrive we present the globally unique all-rounder in coarse and fine crushing. Thanks to the large number of vessels, the device handles a wide variety of crushing tasks, for hard, soft or fibrous samples.



### /// Calorimeters

The champion of modern calorimetry has been developed even further. The new C 6000 has an intuitive touch screen with unique user guidance. Its high level of automation simplifies everyday work and enables high sample throughput.

### /// Overhead Stirrers

A reduced design and the focus on the most essential aspects make the new IKA MICROSTAR and MINISTAR stirrers reliable laboratory companions.



### /// Magnetic Stirrers

More power or more individualization? We offer both: The new RCT 5 digital with 800 W is now even more powerful and IKA myPlate combines excellent technical features with the option of creative individualization.



### /// Dispersers

T 25 easy clean high-performance disperser is globally without equal. For the first time, it is possible to clean its tool without dismantling, because the rotor can be extended in one simple step.



### /// THINKING ABOUT SAFETY

Keeping the users of our laboratory equipment safe in the lab is one of our top priorities. Because of this, all of our products meet the highest safety standards, have CE certifications and adhere to the requirements set forth by common norms such as DIN IEC EN 61010-1, DIN IEC EN 61010-2-010, DIN EN IEC 61010-2-051 or DIN IEC EN 61326-1. We have added many safety features to our products such as a safety stop, chemical resistant housing and an adjustable safety temperature to ensure safe operation.



### Magnetic Stirrers

The newest generation of our magnetic stirrers have hardened, shatterproof glass tops, which are particularly chemical resistant as well. The magnetic stirrers with heating function, have a 'hot' alert as soon as the plate surface temperature rises above 50 °C. The RET control-visc has a special safety feature; if the temperature is above 50 °C, although the unit is turned off, the screen will continue to display the temperature, reminding the user that the surface is still hot. If the temperature falls below 50 °C, the display will turn off automatically. A lock function prevents accidental changes in speed and temperature settings. Furthermore, safety circuits are adjustable and to simplify troubleshooting, the error codes will display on the menu.

### Overhead Stirrers

Our overhead stirrer series is sturdily built and comes with a particularly chemical resistant housing. During operation devices can be locked to prevent accidental adjustment. Apart from that, the stirrers will automatically stop in case of an imbalance of the stirring tool. The vibration sensors are adjustable depending on the requirement and in addition, there is a protection against overload.



### Laboratory Reactors

The modular laboratory reactor systems' design optimizes chemical reaction processes in the lab. Partially they are equipped with removable WiCo (wireless controller) for remote and safe use in a fume hood. Their safety circuit is manually adjustable and some systems have an integrated safety shutdown when the vessel or lid is removed from the base. In addition, functions lock to prevent accidental adjustment.

### Rotary Evaporators

A large range of safety features is integrated into our rotary evaporator series. The motorized lift provides a safety stop function that automatically lifts the evaporation flask out of the heating bath in case of power failure. Additional user safety functions include adjustable temperature safety circuits, protection against boiling dry, adjustable end-point recognition to prevent glass breakage, and a locking function.



## /// THINKING ABOUT SAFETY

### Dispersers

T 25 easy clean digital and control are the latest members of the disperser product family. The devices have a brushless DC motor with a noise level of 70 dB, which ensures a significant noise reduction in the lab and allows carbon dust-free operation. The control version additionally detects temperature and operation time.

Just like our other dispersers, they have a particularly resistant housing, a shaft in place detection and the motor is protected against overload. Our ULTRA-TURRAX® Tube Drive dispersers are operated with closed, disposable tubes, which provide user protection and reduce the risk of cross-contamination.



### Temperature Control

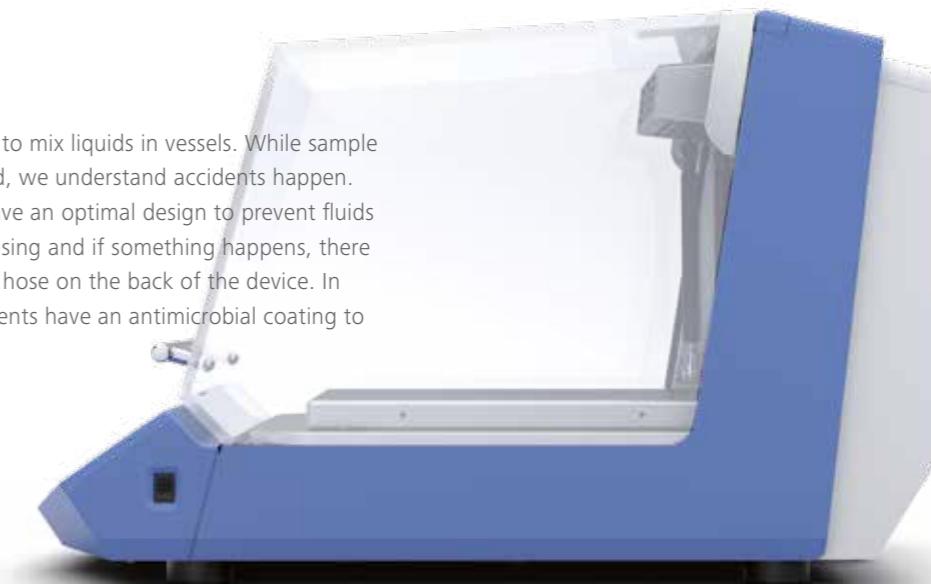
Our temperature control portfolio combines safety, power and intelligence. All devices have an ergonomic and well thought-out design to ensure safe handling. The pump speed and safety temperature is adjustable. Additionally, the user can select the thermal fluid in the menu, which ensures that the temperature remains outside of critical values for that fluid. Critical minimum or maximum levels are recognized mechanically by the float and electronically by a temperature sensor.

Furthermore, the user is informed about a critical fluid level, critical temperature or a blocked pump. Devices equipped with the wireless controller (WiCo) allow remote control, e.g. when having the device in a fume hood.



### Mills

Our mills are suitable to grind hard, brittle, soft and fibrous materials. To avoid accidents, mills will only start when the hood is completely closed. If the grinding chamber is not inserted properly or not closed properly, the drive unit will display an error message and the mill will not start. Furthermore, the hood will only open at standstill. A quick stop feature further increases the safety of the user. The Tube Mill control and 100 control are batch mills with disposable grinding chambers, which help to eliminate the possibility of cross-contamination. Safety speed and time are adjustable.



### Shakers

Shaking devices are used to mix liquids in vessels. While sample spilling should be avoided, we understand accidents happen. Therefore, our shakers have an optimal design to prevent fluids from penetrating the housing and if something happens, there is a drip tray with a drain hose on the back of the device. In addition, all control elements have an antimicrobial coating to reduce germs.

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 don't have much in common.

## ELECTRASYN 2.0 PACKAGE

/// Your chemistry has potential

**Three devices in one**



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 stir plate. 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 (aluminum), and a set of electrodes (graphite).


**ElectraSyn 2.0 Package****INR 2,22,256**

Ident. No. 0020008980



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

**Ready-To-Go package**
**ElectraSyn 2.0 pro Package****INR 2,61,500**

Ident. No. 0040003261



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

**ELECTRASYN 2.0 PACKAGE | PRO PACKAGE**

Stirring quantity max. (H <sub>2</sub> O)	0.1 l
Speed range	50 – 1500 rpm
Voltage output	30   10 V
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



ElectraSyn Complete Starter Kit



Microvial 1 ml



ElectraSyn MicroStarter Kit complete

Product	Description	Ident. No.	Price
<b>CAROUSEL</b>			
Carousel	Attachment for multi measurements	0020017512	INR 1,86,935
Carousel complete	Attachment for multi measurements, incl. glass vials	0040005427	INR 2,61,500
GOGO Module	Universal extension for ElectraSyn 2.0	0040006052	On request
<b>VIALS / ELECTRODES</b>			
Glass vial complete 5 ml	Glass vial 5 ml incl. lid, glass and magnetic bar	0040003171	INR 10,858
Glass vial complete 10 ml	Glass vial 10 ml incl. lid, glass and magnetic bar	0040003170	INR 10,073
Glass vial complete 20 ml	Glass vial 20 ml incl. lid, glass and magnetic bar	0040003168	INR 10,204
Glass vials 5 ml	Glass vial 5 ml, set of 10	0040003327	INR 24,986
Glass vials 10 ml	Glass vial 10 ml, set of 10	0040003325	INR 16,875
Glass vials 20 ml	Glass vial 20 ml, set of 10	0040003324	INR 18,314
ElectraSyn Electrode Starter Kit	Kit of 9 electrodes, set of 12 (glassy carbon, set of 2 only)	0020017204	INR 1,29,769
ElectraSyn Complete Vial Kit	Kit of 5 ml, 10 ml and 20 ml vials complete, 10 spare vials of each volume	0010003810	INR 91,309
ElectraSyn vials only	Kit of 10 x 5 ml, 10 x 10 ml, 10 x 20 ml vials	0010003811	INR 60,175
ElectraSyn Complete Starter Kit	Kit of 5 ml, 10 ml, 20 ml vials complete; 10 spare vials of each volume; 9 electrodes, set of 12 (glassy carbon, set of 2 only)	0040004013	INR 2,21,078
<b>MICROVIALS / MICROELECTRODES</b>			
Microvial 1 ml	Glass vial 1 ml incl. lid, glass and magnetic bar	0040003294	INR 13,605
Microvial 2 ml	Glass vial 2 ml incl. lid, glass and magnetic bar	0040003295	INR 13,605
Set micro glass vial 1 ml	Glass vial 1 ml, set of 10	0020017207	INR 35,582
Set micro glass vial 2 ml	Glass vial 2 ml, set of 10	0020017206	INR 35,189
ElectraSyn Micro-electrode Starter Kit	Kit of 8 electrodes, set of 12 (glassy carbon, set of 2 only)	0040004016	INR 1,90,860
ElectraSyn microvials only	Kit 10 x 1 ml, 10 x 2 ml vials	0040004103	INR 70,771
ElectraSyn Microvial Kit complete	Kit of 1 ml and 2 ml vials complete, 10 spare vials of each volume	0040004014	INR 84,376
ElectraSyn Micro-Starter Kit complete	Kit of 1 ml and 2 ml vials complete; 10 spare vials of each volume; 8 electrodes, set of 12 (glassy carbon, set of 2 only)	0040004015	INR 2,75,236



Product	Ident. No.	Price
<b>ELECTRODES</b>		
① Electrode graphite (12 pcs.)	0040002858	INR 14,390
② Electrode glassy carbon (2 pcs.)	0040002842	INR 10,727
③ Electrode lead bronze (12 pcs.)	0020016076	INR 10,858
④ Electrode lead (12 pcs.)	0040002843	INR 27,079
⑤ Electrode tungsten (12 pcs.)	0040002845	INR 27,471
⑥ Electrode niobium (2 pcs.)	0040002846	INR 7,587
⑦ Electrode copper (12 pcs.)	0040002847	INR 7,456
⑧ Electrode magnesium (12 pcs.)	0040002848	INR 26,425
⑨ Electrode titanium (12 pcs.)	0040002849	INR 24,593
⑩ Electrode zinc (12 pcs.)	0040002850	INR 24,593
⑪ Electrode stainless steel (12 pcs.)	0040002851	INR 6,541
⑫ Electrode platinum plated (2 pcs.)	0040002852	INR 9,288
⑬ Electrode gold plated (2 pcs.)	0040002853	INR 24,724
⑭ Electrode silver plated (2 pcs.)	0040002854	INR 4,579
⑮ Electrode aluminum (12 pcs.)	0040003174	INR 6,541
⑯ Electrode boron doped diamond (2 pcs.)	0040002856	INR 42,908
⑰ Electrode tin (12 pcs.)	0040002857	INR 25,771
⑱ Electrode nickel (12 pcs.)	0040002859	INR 7,587
⑲ Electrode RVC foam (12 pcs.)	0040002860	INR 24,332
⑳ Electrode nickel foam (12 pcs.)	0040002861	INR 5,887
㉑ Electrode cobalt (2 pcs.)	0040003385	INR 4,055
㉒ Electrode reference (1 pc.)	0040002865	INR 16,875
<b>MICROELECTRODES</b>		
㉓ Microelectrode aluminum	0040004029	INR 4,840
㉔ Microelectrode BDD	0040004036	INR 60,568
㉕ Microelectrode cobalt	0040004039	INR 10,334
㉖ Microelectrode copper	0040004027	INR 4,971
㉗ Microelectrode glassy carbon	0040004022	INR 13,212
㉘ Microelectrode gold	0040004034	INR 17,268
㉙ Microelectrode graphite SK-50	0040004021	INR 17,529
㉚ Microelectrode lead	0040004028	INR 71,818
㉛ Microelectrode lead bronze	0040004030	INR 18,707
㉜ Microelectrode magnesium	0040004025	INR 41,992
㉝ Microelectrode nickel	0040004023	INR 55,073
㉞ Microelectrode nickel foam	0040004101	INR 7,587
㉟ Microelectrode niobium	0040004032	INR 17,398
㉟ Microelectrode platinum	0040004038	INR 8,634
㉟ Microelectrode platinum foil	0040005015	INR 48,140
㉟ Microelectrode silver	0040004035	INR 5,887
㉟ Microelectrode stainless steel	0040004024	INR 4,840
㉟ Microelectrode tin	0040004037	INR 48,271
㉟ Microelectrode titanium	0040004033	INR 41,992
㉟ Microelectrode tungsten	0040004031	INR 7,849
㉟ Microelectrode zinc	0040004026	INR 41,992
㉟ Microelectrode graphite V2100	0040004040	INR 11,381

**Screening System Package  
(8 cells)**

 Price on request  
 Ident. No. 0040003867

**TECHNICAL DATA**      **SCREENING SYSTEM PACKAGE (6 | 8 CELLS)**
**CONTINUOUSLY ADJUSTABLE POWER SUPPLY**

Voltage output	0 – 32 V ( $\pm 1$ 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 or 8
Usable volumes of undivided cell	8 ml
Usable volumes of divided cell (per chamber)	8 ml
Material	PTFE
Divided cells	Yes (reaction block with 6 cells)
Temperature control	Yes (RT to 100 °C)

**Screening System Package  
(6 cells)**

 Price on request  
 Ident. No. 0040003861


Reaction block with 6 divided cells



Reaction block with 8 undivided cells



Divided cell



Undivided cell

Product	Ident. No.	Price
<b>ACCESSORIES SCREENING SYSTEM</b>		
Reaction block with 6 divided cells	0020015936	On request
Reaction block with 8 undivided cells	0020015943	On request
Set of reaction cells (6 divided cells)	0040003647	On request
Set of reaction cells (8 undivided cells)	0040003648	On request
Electrode 0.7 boron doped diamond	0040003932	On request
Electrode 0.7 glassy carbon	0040003670	On request
Electrode 0.7 graphite SK-50	0040003954	On request
Electrode 0.7 platinum	0040003678	On request
Electrode 0.7 gold	0040003934	On request
Electrode 0.7 silver	0040003938	On request
Electrode 0.7 nickel foam	0040003935	On request
Electrode 0.7 graphite V2100	0040003669	On request
Electrode 0.7 nickel	0040003671	On request
Electrode 0.7 stainless steel	0040003672	On request
Electrode 0.7 lead	0040003673	On request
Electrode 0.7 lead bronze	0040003674	On request
Electrode 0.7 copper	0040003675	On request
Electrode 0.7 magnesium	0040003677	On request
Electrode 0.7 zinc	0040003680	On request
Electrode 0.7 aluminium	0040003682	On request
Electrode 0.7 cobalt	0040003933	On request
Electrode 0.7 niobium	0040003936	On request
Electrode 0.7 tin	0040003939	On request
Electrode 0.7 titanium	0040003940	On request
Electrode 0.7 tungsten	0040003941	On request

**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.)

IKA magnetic stirrers are the world's best-selling professional lab mixers. There is a complete range of IKA magnetic stirrers to handle various quantities, either with or without heating capabilities. Used with open or closed vessels, IKA magnetic hot plate stirrers easily master even complex tasks. For example, they precisely and effectively regulate the set temperature with the help of a contact thermometer. Because IKA magnetic stirrers require 25% less energy than other manufacturer's products; IKA devices are good for the environment and also keep your energy costs low. Functionality, safety and longevity are the main focus in the development of IKA's magnetic stirrers.

### IKA PLATE (RCT DIGITAL)

/// Outstanding features combined with unique appearance



A display made of hardened, chemical resistant glass gives the IKA Plate its unique appearance. However, the magnetic stirrer also scores with its outstanding technical features. The Alnico magnet technology ensures improved mixing, while the integrated timer / counter function supports the monitoring of sensitive chemical reaction processes. IKA SmartTemp® keeps reactions and chemists safe.

#### IKA Plate (RCT digital)

INR 1,15,049

Ident. No. 0025005229



#### RCT 5 digital

Price on request

Ident. No. 0025005245



#### C-MAG HS 7 control

INR 1,25,785

Ident. No. 0025005280



#### RET control-visc

INR 1,21,181

Ident. No. 0005020000



#### RET control-visc white

INR 1,68,099

Ident. No. 0005030000



New:  
800 W power

Weighing  
function

#### TECHNICAL DATA

	IKA PLATE (RCT DIGITAL)	RCT 5 DIGITAL	C-MAG HS 7 CONTROL	RET CONTROL-VISC   WHITE
Stirring quantity max. (H <sub>2</sub> 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	800 W	1000 W	600 W
Heating temperature	RT + device self heating – 310 °C	RT + device self heating – 310 °C	RT + device self heating – 500 °C	RT + device self heating – 340 °C
Load capacity weighing function max.	–	–	–	5 kg
Set-up plate dimensions	Ø 135 mm	137 x 137 mm	180 x 180 mm	Ø 135 mm
Dimensions (W x H x D)	160 x 85 x 270 mm	160 x 85 x 270 mm	220 x 88 x 354 mm	160 x 85 x 270 mm
Protection class according to DIN EN 60529	IP 42	IP 42	IP 21	IP 42

## MAGNETIC STIRRERS | With Heating

## ① C-MAG HS 4 digital

INR 43,531  
Ident. No. 000424022

## ② C-MAG HS 7 digital

INR 48,549  
Ident. No. 0003487022

## ③ C-MAG HS 10 digital

INR 64,090  
Ident. No. 0004240422



## ① RH basic

INR 52,257  
Ident. No. 0005019722

## ② RH basic white

INR 56,736  
Ident. No. 0005029722

## ③ RH digital

INR 57,001  
Ident. No. 0005019822

## ④ RH digital white

INR 58,301  
Ident. No. 0004678022



## TECHNICAL DATA

C-MAG HS  
4 | 7 | 10 DIGITAL

Stirring quantity max. ( $H_2O$ )

5 l | 10 l | 15 l

Speed range

100 – 1500 rpm

Heat output

250 W | 1000 W |  
1500 W

Heating temperature

50 – 500 °C

Connection for ext. temperature sensor

PT 1000

Dimensions (W × H × D)

150 × 105 × 260 mm  
215 × 105 × 330 mm  
300 × 105 × 415 mm

Protection class according to  
DIN EN 60529

IP 21

## ① C-MAG HS 4

INR 35,517  
Ident. No. 0020015462

## ② C-MAG HS 7

INR 41,362  
Ident. No. 0003581222

## ③ C-MAG HS 10

INR 79,096  
Ident. No. 0020015463



10-position hotplate  
stirrer, for synchronous  
heating and stirring

## ① RT 5

INR 2,42,343  
Ident. No. 0003690600

## ② RT 10

INR 3,18,137  
Ident. No. 0003691100

## ③ RT 15

INR 4,01,713  
Ident. No. 0003692600

RH BASIC | BASIC WHITE |  
RH DIGITAL | DIGITAL  
WHITE

## RT 5 | RT 10 | RT 15

Stirring quantity max. ( $H_2O$ )	5 l   10 l   15 l	15 l	0.4 l per stirring position
Speed range	100 – 1500 rpm	100 – 2000 rpm	0 – 1000 rpm
Heat output	250 W   1000 W   1500 W	250 W   1000 W   1500 W	600 W
Heating temperature	50 – 500 °C	50 – 320 °C	50 – 120 °C
Connection for ext. temperature sensor	–   ETS-D5   ETS-D5	ETS-D5	–
Dimensions (W × H × D)	150 × 105 × 260 mm 215 × 105 × 330 mm 300 × 105 × 415 mm	160 × 100 × 250 mm	120 × 60 × 610 mm 190 × 60 × 610 mm 280 × 60 × 610 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 40

## RET basic

INR 1,30,895  
Ident. No. 0003622000



## RCT basic

INR 54,941  
Ident. No. 0003810022

BESTSELLER



## 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, hot top indicator, precise temperature control and two independent control circuits.

## TECHNICAL DATA

## RET BASIC

## RCT BASIC

Stirring quantity max. ( $H_2O$ )

20 l

20 l

Direction of rotation

Right

Right

Speed range

50 – 1700 rpm

50 – 1500 rpm

Heat output

600 W

600 W

Heating temperature

RT + device self heating  
– 340 °C

RT + device self heating  
– 310 °C

Connection for ext. temperature sensor

PT 1000

PT 1000

Dimensions (W × H × D)

160 × 95 × 270 mm

160 × 85 × 270 mm

Protection class according to  
DIN EN 60529

IP 42

IP 42



## MAGNETIC STIRRERS | Without Heating

① RO 5

INR 1,35,933  
Ident. No. 0003690500



② RO 10

INR 1,58,775  
Ident. No. 0003691000

③

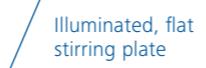


④ RO 15

INR 2,20,713  
Ident. No. 0003692500

KMO 3 basic

INR 1,00,006  
Ident. No. 0020004631



Midi MR 1 digital

INR 2,66,419  
Ident. No. 0025002968



Maxi MR 1 digital

INR 3,16,373  
Ident. No. 0025002978



## TECHNICAL DATA

## RO 5 | RO 10 | RO 15

## KMO 3 BASIC

## MIDI MR 1 DIGITAL

## MAXI MR 1 DIGITAL

Stirring quantity max. (H<sub>2</sub>O)

0.4 l per stirring position

5 l

50 l

150 l

Speed range

0 – 1200 rpm

10 – 1500 rpm

0 – 1000 rpm

0 – 600 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

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

Protection class according to  
DIN EN 60529

IP 40

IP 42

IP 21

IP 21

## MAGNETIC STIRRERS | Without Heating

topolino

INR 6,557  
Ident. No. 0003368000



IKA myPlate

INR 34,510  
Ident. No. 0025005156



Mini MR standard

INR 26,171  
Ident. No. 0025004132



lab disc

INR 19,412  
Ident. No. 0003907500



TECHNICAL DATA	RO 5   RO 10   RO 15	KMO 3 BASIC	MIDI MR 1 DIGITAL	MAXI MR 1 DIGITAL	TECHNICAL DATA	TOPOLINO	IKA MYPLATE	LAB DISC	MINI MR STANDARD
Stirring quantity max. (H <sub>2</sub> O)	0.4 l per stirring position	5 l	50 l	150 l	Stirring quantity max. (H <sub>2</sub> O)	0.25 l	1.5 l	0.8 l	1 l
Speed range	0 – 1200 rpm	10 – 1500 rpm	0 – 1000 rpm	0 – 600 rpm	Direction of rotation	–	Left	–	Right
Set-up plate material	Stainless steel 1.4301	Glass	Stainless steel 1.4301	Stainless steel 1.4301	Speed range	300 – 1800 rpm	0 – 2500 rpm	15 – 1500 rpm	0 – 2500 rpm
Set-up plate dimensions	120 × 470 mm 190 × 470 mm 280 × 470 mm	140 × 120 mm	350 × 350 mm	500 × 500 mm	Set-up plate material	Synthetic (PP)	Glass	Polyester	Polyester
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	Set-up plate dimensions	Ø 80 mm	Ø 135 mm	Ø 100 mm	115 × 115 mm
Protection class according to DIN EN 60529	IP 40	IP 42	IP 21	IP 21	Dimensions (W × H × D)	95 × 37 × 115 mm	152 × 30 × 164 mm	117 × 12 × 180 mm	115 × 37 × 129 mm
					Protection class according to DIN EN 60529	IP 21	IP 54	IP 65	IP 42



Product	Ident. No.	Price
<b>TEMPERATURE SENSOR</b>		
<b>Stainless steel</b>		
PT 1000.60	0003516800	INR 10,931
PT 1000.80	0004443000	INR 13,932
PT 100.70	0020000440	INR 11,888
<b>Glass-coated</b>		
PT 1000.70	0003736000	INR 12,594
PT 100.51	0002600300	INR 24,030
<b>SafeCoat (PFA, PTFE)</b>		
PT 1000.90	0004480600	INR 19,491
PT 100.53	0004499700	INR 29,887
<b>Dual</b>		
PT 1000.50	0003367600	INR 29,016
PT 1000.51	0003377700	INR 33,570

ELECTRONIC CONTACT THERMOMETER		
ETS-D5	0003378000	INR 19,946
ETS-D6	0003378100	INR 31,488
<b>SENSOR FOR ETS-D5 / ETS-D6</b>		
H 62.51 0002735451 INR 23,781		
H 66.51, glass coated 0002735551 INR 35,505		
H 66.53, coated 0004499900 INR 26,312		
H 70, extension cable 0002735600 INR 16,662		



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

- Not compatible | + Compatible | • Included in delivery





H 135.11



H 135.104



H 135.21



H 135.25



H 135.301



H 135.401



H 135.501

Product	Hole Ø	Dimensions	Ident. No.	Price
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**DRY HEATING BLOCK SQUARE SERIES**

H 135.10 Square carrier without handle	–	160 × 160 mm	0025000832	INR 11,369
H 135.11 Square carrier with handle	–	160 × 160 mm	0004448200	INR 15,536
H 135.101 Block 16 × 4 ml	15.2 mm	79 × 79 mm	0025000626	INR 4,554
H 135.102 Block 16 × 8 ml	17.5 mm	79 × 79 mm	0025000627	INR 4,922
H 135.103 Block 9 × 16 ml	20.5 mm	79 × 79 mm	0025000628	INR 5,147
H 135.104 Block 4 × 20 ml	28.5 mm	79 × 79 mm	0025000629	INR 3,943
H 135.105 Block 4 × 30 ml	28.5 mm	79 × 79 mm	0025000630	INR 4,590
H 135.106 Block 4 × 40 ml	28.5 mm	79 × 79 mm	0025000631	INR 6,623
H 135.107 Block 100 ml	–	79 × 79 mm	0025000632	INR 4,441
H 135.108 Block 250 ml	–	79 × 79 mm	0025000633	INR 6,401

Product	Max. outer Ø	Inner Ø	Ident. No.	Price
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**100 ML FLASK HEATING BLOCK SERIES**

H 135.20 Flask carrier 100 ml without handle	142 mm	–	0025000634	INR 10,795
H 135.21 Flask carrier 100 ml with handle	142 mm	–	0004448300	INR 15,986
H 135.201 Flask inlay 10 ml	–	33.8 mm	0025000636	INR 2,530
H 135.202 Flask inlay 25 ml	–	43.8 mm	0025000637	INR 5,222
H 135.203 Flask inlay 50 ml	–	52.8 mm	0025000638	INR 5,222

Product	Max. outer Ø	Inner Ø	Ident. No.	Price
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**250 ML FLASK HEATING BLOCK SERIES**

H 135.25 Flask carrier 250 ml without handle	142 mm	–	0025003280	INR 10,717
H 135.26 Flask carrier 250 ml with handle	142 mm	–	0020007954	INR 27,102

Product	Max. outer Ø	Inner Ø	Ident. No.	Price
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**500 ML FLASK HEATING BLOCK SERIES**

H 135.30 Flask carrier 500 ml without handle	142 mm	–	0025000639	INR 12,369
H 135.31 Flask carrier 500 ml with handle	142 mm	–	0004448400	INR 28,309
H 135.301 Flask inlay 100 ml	–	66.3 mm	0025000641	INR 5,735
H 135.302 Flask inlay 250 ml	–	88 mm	0025000642	INR 5,847

Product	Max. outer Ø	Inner Ø	Ident. No.	Price
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**1000 ML FLASK HEATING BLOCK SERIES**

H 135.40 Flask carrier 1000 ml without handle	166.3 mm	–	0025000833	INR 17,991
H 135.41 Flask carrier 1000 ml with handle	166.3 mm	–	0004448500	INR 24,023
H 135.401 Flask inlay 500 ml	–	108 mm	0025000644	INR 10,176

Product	Max. outer Ø	Inner Ø	Ident. No.	Price
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**2000 ML FLASK HEATING BLOCK SERIES**

H 135.50 Flask carrier 2000 ml without handle	194.7 mm	–	0025000834	INR 21,112
H 135.51 Flask carrier 2000 ml with handle	194.7 mm	–	0004448600	INR 33,578
H 135.501 Flask inlay 1000 ml	–	131.8 mm	0025000645	INR 18,039

Product	Dimensions	Ident. No.	Price
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**IKAFLO® ROUND PTFE-COATED**

10 round (5 pcs.)	10 × 6 mm	0004488600	INR 798
15 round (5 pcs.)	15 × 6 mm	0004488700	INR 798
20 round (5 pcs.)	20 × 8 mm	0004488800	INR 798
25 round (5 pcs.)	25 × 8 mm	0004488900	INR 1,203
30 round (5 pcs.)	30 × 8 mm	0004489000	INR 1,429
40 round (5 pcs.)	40 × 8 mm	0004489100	INR 1,215
50 round (5 pcs.)	50 × 8 mm	0004489200	INR 1,450
80 round (5 pcs.)	80 × 10 mm	0004489300	INR 3,429
110 round (1 pc.)	108 × 27 mm	0000793300	INR 29,011
155 round (1 pc.)	153 × 27 mm	0001129000	INR 38,794

**IKAFLO® ROUND GLASS-COATED**

25 round (5 pcs.)	25 × 6 mm	0004492200	INR 2,244
40 round (5 pcs.)	40 × 8 mm	0004492600	INR 2,751
50 round (5 pcs.)	50 × 8 mm	0004492800	INR 2,628

**IKAFLO® SLIDE ROUND**

25 slide (5 pcs.)	25 × 6 mm	0004493800	INR 1,001
30 slide (5 pcs.)	30 × 6 mm	0004494000	INR 1,068
40 slide (5 pcs.)	40 × 8 mm	0004494200	INR 1,799
50 slide (5 pcs.)	50 × 8 mm	0004494400	INR 2,069

**IKAFLO® POWER**

20 power (5 pcs.)	2
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WiCo RET control-visc



Cover RET control-visc



IB R RO 15 eco



LABLIFT m



C-MAG Adapter

Product	Description	Ident. No.	Price
<b>WIRELESS-CONTROLLED OPERATING UNIT</b>			
WiCo RET control-visc	Wireless remote control	0020007259	<b>INR 64,924</b>
<b>COVER</b>			
H 102	Cover for RH basic	0004281600	<b>INR 1,868</b>
H 103	Cover for RH digital	0004299100	<b>INR 1,868</b>
H 100	Cover for RCT basic and RET basic	0003661000	<b>INR 1,875</b>
H 104	Cover for RET control-visc	0004209500	<b>INR 1,770</b>
<b>MAINS CABLE</b>			
H 11	Mains cable IN plug	0003903600	<b>INR 1,044</b>
H 11	Mains cable USA plug	0003564500	<b>On request</b>
H 11	Mains cable UK plug	0002410700	<b>On request</b>
H 11	Mains cable CH plug	0001091600	<b>On request</b>
H 11	Mains cable Euro plug	0001091500	<b>On request</b>
<b>PLASTIC BATH FOR MAGNETIC STIRRER RO 15</b>			
IB R RO 15 eco	Plastic bath, size L, 25 l volume	0020006341	<b>INR 1,01,771</b>
<b>LABLIFT</b>			
LABLIFT m	Up to 25 kg (max. static load)	0004022400	<b>INR 29,923</b>
<b>C-MAG ADAPTER</b>			
C-MAG Adapter	Heating block adapter for C-MAG 7 and 10	0025001022	<b>INR 18,603</b>
<b>STIRRING BAR REMOVER</b>			
RSE	Stirring bar remover	0001293100	<b>INR 6,196</b>
<b>BEAKER CAP</b>			
BC 1000	Beaker cap	0020003417	<b>INR 1,362</b>



H 3000



HG 600



H 16.3



H 44



Product	Description	Ident. No.	Price
<b>OIL BATH ATTACHMENT</b>			
H 29	Oil bath attachment, 1 l	0002829400	<b>INR 23,499</b>
H 30	Oil bath attachment, 1.5 l	0002829500	<b>INR 26,111</b>
<b>BEAKER, STAINLESS STEEL</b>			
H 1000	Beaker, stainless steel, 1 l	0004444401	<b>INR 39,585</b>
H 1500	Beaker, stainless steel, 1.5 l	0004444501	<b>INR 40,868</b>
H 3000	Beaker, stainless steel, 3 l	0004444503	<b>INR 40,353</b>
H 5000	Beaker, stainless steel, 5 l	0004444505	<b>INR 49,405</b>
<b>HEATING JACKET</b>			
HG 600	Heating jacket for beaker 600 ml	0020003416	<b>INR 13,522</b>
HG 1000	Heating jacket for beaker 1000 ml	0020003415	<b>INR 17,683</b>
<b>HOLDER</b>			
H 16 V	Support rod	0001545100	<b>INR 1,173</b>
H 16.3	Extension for support rod	0025000622	<b>INR 1,865</b>
H 44	Boss head clamp	0002437700	<b>INR 1,304</b>
H 38	Holding rod	0003547700	<b>INR 1,490</b>
<b>LABSOFTWARE</b>			
<b>labworldsoft® 6 Starter</b>			
<b>INR 3,01,801</b>			
Ident. No. 0020019397			
<b>labworldsoft® 6 Pro</b>			
<b>INR 6,88,726</b>			
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.

IKA offers the ideal overhead stirrer for your stirring and mixing tasks in the lab – for low to high viscosities. IKA overhead stirrers effortlessly process stirring quantities of up to 200 liters. IKA overhead stirrers stand out due to their indispensable features, including an electronic safety circuit, a digital display, infinitely adjustable speed and a controlling option via the lab software labworldsoft®. A broad spectrum of stirring tools is the key to successful mixing. Functionality, safety and longevity are the main goals in the development of IKA's overhead stirrers.

## MINISTAR DIGITAL AND CONTROL

/// The new compact stirrers



The space-saving high performers of the IKA MINISTAR digital and control series convince with perfect basic functionalities, a compact design and easy handling.

### COMPACT DESIGN

The reduced design and the focus on the most essential aspects make the new IKA MINISTAR stirrers reliable laboratory companions.

### CONSTANT TORQUE

All models of the IKA MINISTAR series guarantee a constant torque over the entire speed range.

### EASE OF OPERATION

Operation takes place using a stable rotary knob. The display clearly shows the rotational speed. For the control version additional parameters are shown and further operating buttons are provided.

### RAPID UPDATES

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

### MICROSTAR 7.5 digital

INR 96,522  
Ident. No. 0025004715



### MICROSTAR 15 digital

INR 1,03,770  
Ident. No. 0025004883



### MICROSTAR 30 digital

INR 1,08,602  
Ident. No. 0025004884



Speed range:  
50 – 2000 rpm

360°  
Inventions

### MICROSTAR 7.5 control

INR 1,30,076  
Ident. No. 0025001984



LCD display with  
torque trend

### MICROSTAR 15 control

INR 1,48,172  
Ident. No. 0025001986



Temperature  
sensor included

### MICROSTAR 30 control

INR 1,43,076  
Ident. No. 0025001987



### TECHNICAL DATA

	MICROSTAR 7.5 DIGITAL   CONTROL	MICROSTAR 15 DIGITAL   CONTROL	MICROSTAR 30 DIGITAL   CONTROL
Stirring quantity max. ( $H_2O$ )	5 l	10 l	20 l
Speed range	0   50 – 2000 rpm 0   30 – 2000 rpm	0   50 – 1000 rpm 0   30 – 1000 rpm	0   50 – 500 rpm 0   30 – 500 rpm
Torque max. at stirring shaft	7.5 Ncm	15 Ncm	30 Ncm
Temperature measuring range	–   -10 – 350 °C	–   -10 – 350 °C	–   -10 – 350 °C
Torque measurement	–   Trend	–   Trend	–   Trend
Display	LED   LCD	LED   LCD	LED   LCD
Dimensions (W × H × D)	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

## OVERHEAD STIRRERS | MINISTARS

**MINISTAR 20 digital**

Price on request  
Ident. No. 0025006566

**MINISTAR 40 digital**

Price on request  
Ident. No. 0025006574

**MINISTAR 80 digital**

Price on request  
Ident. No. 0025006582



Power package:  
80 Ncm

**MINISTAR 20 control**

INR 1,38,050  
Ident. No. 0025001988

**MINISTAR 40 control**

INR 1,50,058  
Ident. No. 0025001989

**MINISTAR 80 control**

INR 1,62,791  
Ident. No. 0025001990

**EUROSTAR 20 digital**

INR 91,023  
Ident. No. 0004442000



Quiet operation with  
brushless DC motor

**EUROSTAR 40 digital**

INR 1,00,960  
Ident. No. 0004444000

**EUROSTAR 60 digital**

INR 1,01,749  
Ident. No. 0004446000

**EUROSTAR 60 control**

INR 1,54,445  
Ident. No. 0004440000

**EUROSTAR 100 digital**

INR 1,62,109  
Ident. No. 0004238100

**EUROSTAR 100 control**

INR 1,85,397  
Ident. No. 0004028500

**EUROSTAR 200 digital**

INR 2,03,244  
Ident. No. 0003990000

**EUROSTAR 200 control**

INR 2,40,162  
Ident. No. 0003992000

**TECHNICAL DATA****MINISTAR 20  
DIGITAL | CONTROL****MINISTAR 40  
DIGITAL | CONTROL****MINISTAR 80  
DIGITAL | CONTROL**

Stirring quantity max. (H<sub>2</sub>O)

15 l

25 l

50 l

Speed range

0 / 50 – 2000 rpm

0 / 50 – 1000 rpm  
0 / 30 – 1000 rpm

0 / 50 – 500 rpm  
0 / 30 – 500 rpm

Torque max. at stirring shaft

20 Ncm

40 Ncm

80 Ncm

Temperature measuring range

- | -10 – 350 °C

- | -10 – 350 °C

- | -10 – 350 °C

Torque measurement

- | Trend

- | Trend

- | Trend

Display

LED | LCD

LED | LCD

LED | LCD

Dimensions (W × H × D)

70 × 193 × 147 mm  
70 × 193 × 154 mm

70 × 193 × 147 mm  
70 × 193 × 154 mm

70 × 193 × 147 mm  
70 × 193 × 154 mm

Protection class according to  
DIN EN 60529

IP 54

IP 54

IP 54

**TECHNICAL DATA****EUROSTAR 20  
DIGITAL | 40 DIGITAL****EUROSTAR 60  
DIGITAL | CONTROL****EUROSTAR 100  
DIGITAL | CONTROL****EUROSTAR 200  
DIGITAL | CONTROL**

Stirring quantity max. (H<sub>2</sub>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

Torque max. at stirring shaft

20 Ncm | 40 Ncm

60 Ncm

100 Ncm

I: 200 Ncm  
II: 40 Ncm

Display

LED

LED | TFT

LED | TFT

LED | TFT

Temperature measuring range

- | -

- | -10 – 350 °C

- | -10 – 350 °C

- | -10 – 350 °C

Dimensions (W × H × D)

86 × 248 × 208 mm  
86 × 267 × 230 mm

86 × 248 × 208 mm  
86 × 267 × 230 mm

91 × 274 × 209 mm  
91 × 297 × 231 mm

Protection class according to  
DIN EN 60529

IP 42

IP 42 | IP 40

IP 42 | IP 40

IP 42 | IP 40

## OVERHEAD STIRRERS | EUROSTARS

## OVERHEAD STIRRERS | EUROSTARS

## EUROSTAR 400 digital

INR 3,74,787  
Ident. No. 0004214000



## EUROSTAR 400 control

INR 4,28,121  
Ident. No. 0004214100

## EUROSTAR 20 high speed digital

INR 1,78,073  
Ident. No. 0004028600

## EUROSTAR 20 high speed control

INR 2,12,128  
Ident. No. 0025001314



## EUROSTAR 100 control P4

Price on request  
Ident. No. 0025004384



## EUROSTAR 200 control P4

INR 3,31,558  
Ident. No. 0004090000



## TECHNICAL DATA

## EUROSTAR 400 DIGITAL | CONTROL

## EUROSTAR 20 HIGH SPEED DIGITAL | CONTROL

## EUROSTAR 100 CONTROL P4

## EUROSTAR 200 CONTROL P4

Stirring quantity max. ( $H_2O$ )

150 l

20 l

100 l

100 l

Speed range

I: 6 – 400 rpm  
II: 30 – 2000 rpm

0 / 150 – 6000 rpm

10 – 300 rpm

I: 4 – 108 rpm  
II: 16 – 530 rpm

Torque max. at stirring shaft

I: 400 Ncm  
II: 80 Ncm

20 Ncm

320 Ncm

I: 660 Ncm  
II: 130 Ncm

Display

LED | TFT

LED | TFT

TFT

TFT

Temperature measuring range

- | -10 – 350 °C

- | -10 – 350 °C

-10 – 350 °C

-10 – 350 °C

Dimensions (W x H x D)

114 x 300 x 245 mm  
114 x 320 x 268 mm

86 x 325 x 208 mm  
86 x 325 x 230 mm

86 x 352 x 230 mm

91 x 379 x 231 mm

Protection class according to DIN EN 60529

IP 42 | IP 40

IP 42 | IP 40

IP 40

IP 40

## OVERHEAD STIRRERS | RW series

## RW 20 digital

INR 38,638  
Ident. No. 0003593022



## RW 28 digital

INR 2,69,926  
Ident. No. 0005040000



## TECHNICAL DATA

## RW 20 DIGITAL

## RW 28 DIGITAL

## RW 47 DIGITAL

Stirring quantity max. ( $H_2O$ )

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

Torque max. at stirring shaft

I: 150 Ncm  
II: 24 Ncm

I: 900 Ncm  
II: 300 Ncm

I: 3000 Ncm  
II: 620 Ncm

Display

LED

LED

LED

Dimensions (W x H x D)

88 x 294 x 212 mm

123 x 364 x 252 mm

145 x 465 x 358 mm

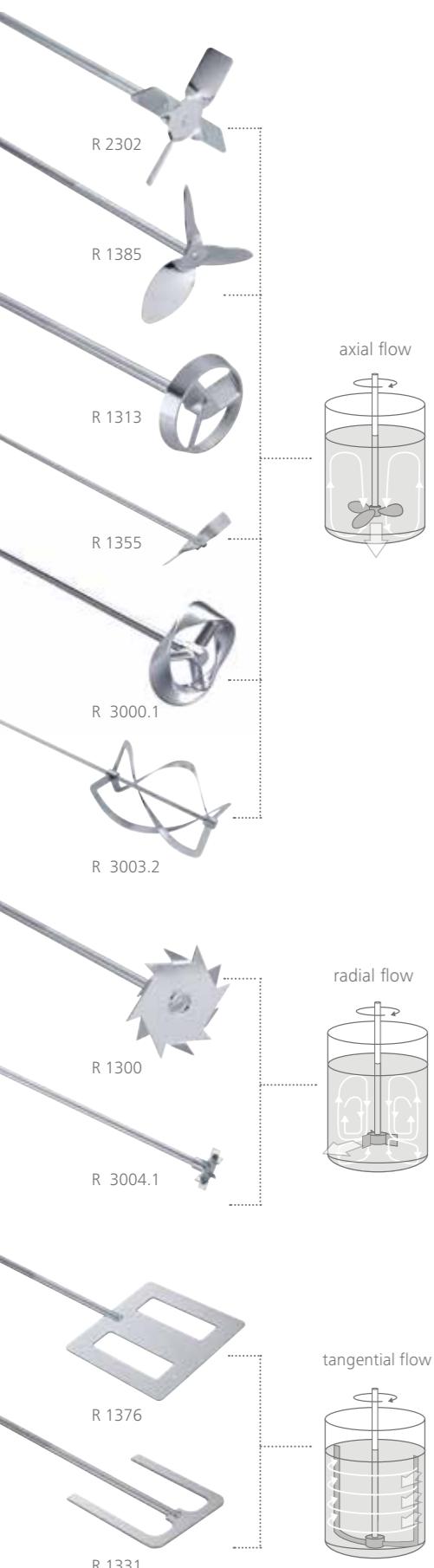
Protection class according to DIN EN 60529

IP 20

IP 40

IP 54

OVERHEAD STIRRERS | Accessories



Product	Ident. No.	Price	MICROSTARS digital   control	MINISTARS digital   control
<b>PROPELLER STIRRER, 4-BLADED</b>				
R 1342	0000741000	INR 4,859	++	++
R 1345	0000741300	INR 10,465	+	++
R 2302	0000739000	INR 54,096	-	-
<b>PROPELLER STIRRER, 3-BLADED</b>				
R 1381	0001296000	INR 31,842	++	++
R 1382	0001295900	INR 33,558	++	++
R 1385	0000477700	INR 31,621	-	-
R 1388	0000477800	INR 30,281	-	-
R 1389 (PTFE-coated)	0002343600	INR 47,901	++	++
<b>TURBINE STIRRER</b>				
R 1311	0002332900	INR 19,999	++	++
R 1312	0002333000	INR 25,899	++	++
R 1313	0002333100	INR 33,098	-	-
<b>CENTRIFUGAL STIRRER</b>				
R 1352	0000756900	INR 17,020	++	++
R 1355	0001132700	INR 22,560	+	++
<b>DISSOLVER STIRRER</b>				
R 1300	0000513500	INR 54,999	++	++
R 1302	0002387900	INR 60,987	-	-
R 1303	0002746700	INR 43,966	++	++
<b>PADDLE STIRRER</b>				
R 1375	0000757700	INR 18,276	+	++
R 1376	0000757800	INR 38,125	-	-
R 2311	0000739500	INR 65,884	-	-
<b>ANCHOR STIRRER</b>				
R 1330	0002022300	INR 39,844	++	++
R 1331	0002022400	INR 38,642	++	++
R 1333	0002747400	INR 63,579	-	-
<b>MOEBIUS STIRRER</b>				
R 3000.1	0020001192	INR 33,865	-	-
R 3001.1	0020001195	INR 37,251	-	-
<b>SPIRAL STIRRER</b>				
R 3003	0020001203	INR 28,184	++	++
R 3003.1	0020001204	INR 47,566	-	-
R 3003.2	0020001205	INR 53,411	-	-
<b>BLADE STIRRER</b>				
R 3004	0020001206	INR 22,505	++	++
R 3004.1	0020001207	INR 43,214	+	+
R 3004.2	0020001208	INR 47,452	-	-
<b>PADDLE STIRRER   SCREW-TYPE STIRRER</b>				
R 1001	0000527400	INR 31,466	++	++
R 1002	0000527500	INR 31,466	++	++

## OVERHEAD STIRRERS | Accessories

- Not compatible | + Installable | ++ IKA recommended



Product	Ident. No.	Price	MICROSTARS digital   control	MINISTARS digital   control	EUROSTAR 20   40 digital
<b>TEMPERATURE SENSOR</b>					
H 67.60 stainless steel	0025000215	INR 10,681	control	control	–
H 67.61 stainless steel	0020003865	INR 20,369	control	control	–
H 68.55 stainless steel	0025001479	INR 21,724	control	control	–
H 70 extension cable	0002735600	INR 16,662	control	control	–

Product	Ident. No.	Price			
<b>SENSOR IN COMBINATION WITH H 70</b>					
H 62.51 Stainless steel	0002735451	INR 23,781	–	–	–
H 66.51 Glass-coated	0002735551	INR 35,505	–	–	–
H 66.53 coated	0004499900	INR 26,312	–	–	–

Product	Ident. No.	Price			
<b>STAND</b>					
<b>Plate stand</b>					
IKA [scale]	0025004318	INR 79,601	++	++	++
R 1825	0003160000	INR 12,424	++	++	++
R 1826	0003160100	INR 12,424	++	++	++
R 1827	0003160200	INR 16,248	++	++	++
<b>H-stand</b>					
R 2722	0001412000	INR 52,807	++	++	++
<b>Telescopic stand</b>					
R 2723	0001412100	INR 72,075	++	++	++
R 474	0001643000	INR 211,258	–	–	–
<b>Floor stand</b>					
R 472	0000738700	INR 311,534	–	–	–
R 2850	0020002900	INR 470,811	–	–	–
R 6547 H	0020018378	Price on request	–	–	–
R 6547 E 400V	0020018384	Price on request	–	–	–

IKA [scale]



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



EUROSTAR 60 digital   control	EUROSTAR 100 digital   control	EUROSTAR 200 digital   control	EUROSTAR 400 digital   control	EUROSTAR 100 & 200 control P 4	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 P 4	20 hs control	–	–	–
control	control	control	control	control P 4	20 hs control	–	–	–
control	control	control	control	control P 4	20 hs control	–	–	–
++	++	++	–	++	++	++	–	–
++	++	++	–	++	++	++	–	–
++	++	++	–	++	++	++	–	–
++	++	–	–	–	++	++	–	–
++	++	++	++	++	++	++	++	–
++	++	++	++	++	++	++	++	–
–	–	–	–	–	–	–	–	++
–	++	++	++	++	–	–	++	–
–	–	–	–	–	–	–	–	++
–	–	–	–	–	–	–	–	++
–	–	–	–	–	–	–	–	++

– Not compatible | + Installable | ++ IKA recommended



R 1401

R 1402



R 301



WH 11



## LABSOFTWARE

**labworldsoft® 6 Starter**

INR 3,01,801

Ident. No. 0020019397

**labworldsoft® 6 Pro**

INR 6,88,726

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.

Product	Description	Ident. No.	Price
<b>ACCESSORIES EUROSTAR 20 HIGH SPEED DIGITAL AND CONTROL</b>			
R 1401	Propeller, Ø 55 mm	0001242900	INR 27,436
R 1405	Propeller, Ø 45 mm	0001289800	INR 21,961
R 1402	Dissolver, Ø 42 mm	0001243300	INR 30,180
<b>PROTECTION AND SAFETY</b>			
R 301	Stirring shaft protection	0002603000	INR 15,051
R 301.1	Support holder for R 301	0002604000	INR 21,849
R 303	Stirring shaft protection	0030000257	INR 43,175
SI 400	Safety switch	0003294800	INR 1,08,000
SI 472	Fixing device for SI 400 to R 472 stand	0003264000	INR 89,720
SI 474	Fixing device for SI 400 to R 474 or T 653 stand	0003264400	INR 41,258
<b>FURTHER ACCESSORIES</b>			
WH 11	Wall mount for WiCo	0025001500	INR 2,054
FK 1	Flexible coupling	0002336000	INR 33,430
R 60	Keyless chuck	0003889500	INR 9,699

**SAFETY FIRST**

Stress-free mixing at your 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.

Since 1925 IKA has a line of well known and proven orbital and horizontal shakers. The wide range of Rocking, Rolling, Rotating and Shaking covers the entire spectrum of motions in mixing technology. To give our customers a leading edge IKA ensures that innovative products are introduced time and time again. Most recently, the shaker line has been completely revamped by incorporating advanced technology with unique designs. In 2019 an all new product family is going to extend the existing portfolio: IKA Matrix thermoshakers.

## IKA MATRIX

### /// The new IKA thermoshaker

Mixing, heating, cooling, or all at once? With the IKA Matrix\*, there is a new powerful product family of thermoshakers available. Regardless whether blood samples, pharmaceutical agents, DNA / RNA samples or ELISA assays – samples with even the smallest volumes are mixed reliably and completely in all laboratory applications. No cross-contamination and an optimal mixing result.



#### INTUITIVE USE

The large clear display allows an absolutely intuitive navigation. An user-friendly, self-explanatory menu structure awaits you.

#### HIGH SPEED

Speeds of up to 3000 rpm ensure that the liquid is mixed particularly quick and effective thanks to its orbital movement.

#### EXTRA STABLE HOUSING

Excellent stability and everyday robustness is achieved by the aluminium die cast housing. This ensures a secure positioning and strengthens the whole device.

#### VARIABLE INSERTS

There is an extensive range of accessories available for the IKA Matrix series that allows the optimal operation of your specific application.

#### Matrix Orbital

INR 2,23,903

Ident. No. 0030000627



#### ① Matrix Orbital D F0.5

INR 3,02,974

Ident. No. 0030000747

#### ② Matrix Orbital D FP

INR 3,02,974

Ident. No. 0030000751

#### ③ Matrix Orbital D F1.5

INR 3,02,974

Ident. No. 0030000750

#### ④ Matrix Orbital D F2.0

INR 3,02,974

Ident. No. 0030000753

#### Matrix D+

INR 2,23,903

Ident. No. 0030000717



#### Matrix Orbital D+

INR 3,16,152

Ident. No. 0030000731



#### TECHNICAL DATA

	MATRIX ORBITAL	MATRIX ORBITAL Δ F0.5   FP   F1.5   F2.0	MATRIX Δ+	MATRIX ORBITAL Δ+
Type of movement	Orbital	Orbital	–	Orbital
Speed range	300 – 3000 rpm	F1.5   F2.0: 1500 rpm FP   F0.5: 2000 rpm	–	300 – 3000 rpm
Heating range	–	RT +5 °C – 100 °C	RT -30 °C – 110 °C	RT +5 °C – 100 °C
Permissible shaking weight (incl. attachment)	0.3 kg	0.3 kg	0.3 kg	0.3 kg
Operating mode	Timer and continuous operation	Timer and continuous operation	Timer and continuous operation	Timer and continuous operation
Dimensions (W × H × D)	200 × 120 × 320 mm	220 × 150 × 350 mm	200 × 125 × 350 mm	200 × 125 × 350 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21

## ① ROCKER 2D basic

INR 50,432  
Ident. No. 0004002000

## ② ROCKER 2D digital

INR 57,180  
Ident. No. 0004003000



## ① ROCKER 3D basic

INR 57,220  
Ident. No. 0004000000

## ② ROCKER 3D digital

INR 62,942  
Ident. No. 0004001000



## ROLLER 6 basic

INR 1,02,968  
Ident. No. 0004010000

## ROLLER 6 digital

INR 1,21,722  
Ident. No. 0004011000



## ROLLER 10 basic

INR 1,02,236  
Ident. No. 0004012000

## ② ROLLER 10 digital

INR 1,18,067  
Ident. No. 0004013000



## TECHNICAL DATA

ROCKER 2D  
BASIC | DIGITALROCKER 3D  
BASIC | DIGITALROLLER 6  
BASIC | DIGITALROLLER 10  
BASIC | DIGITAL

## Type of movement

Rocking

Tumbling

Rolling

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

## Speed display

7 segment LED

– | 7 segment LED

– | 7 segment LED

– | 7 segment LED

## Operating mode

Continuous operation |  
Timer and continuous  
operationContinuous operation |  
Timer and continuous  
operationContinuous operation |  
Timer and continuous  
operationContinuous operation |  
Timer and continuous  
operationShaking platform stackable (Rocker)  
Unit stackable (Roller)

Yes

Yes

Yes

Yes

## Dimensions (W x H x D)

280 x 150 x 330 mm  
280 x 185 x 330 mm280 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

INR 57,245  
Ident. No. 0004015000

## ② Loopster digital

INR 61,306  
Ident. No. 0004016000

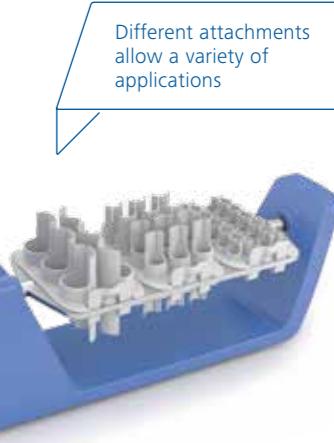


## ① Trayster basic

INR 55,245  
Ident. No. 0004005000

## ② Trayster digital

INR 60,895  
Ident. No. 0004006000v



## ① Hula Dancer basic

INR 37,145  
Ident. No. 0025004320

## ② Hula Dancer digital

INR 43,356  
Ident. No. 0025003634



## ① MS 3 basic

INR 38,550  
Ident. No. 0003617000

## ② MS 3 control

INR 102,987  
Ident. No. 0020016017



TECHNICAL DATA	LOOPSTER BASIC   DIGITAL	TRAYSTER BASIC   DIGITAL	HULA DANCER BASIC   DIGITAL	MS 3 BASIC   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	0 – 3000 rpm   100 – 3000 rpm
Speed display	–   7 segment LED	–   7 segment LED	–   –	Scale   LCD
Timer display	–   7 segment LED	–   7 segment LED	–   –	–   LCD
Operating mode	Continuous operation   Timer and continuous operation			
Dimensions (W x H x D)	300 x 360 x 300 mm	460 x 180 x 140 mm	123 x 42 x 123 mm	148 x 63 x 205 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 42	IP 21

## SHAKERS | Incubator Shakers

## ① KS 3000 i control

INR 4,73,622

Ident. No. 0003940000



## ② KS 3000 ic control

INR 5,46,957

Ident. No. 0003940100



Allows unattended operation

## ① KS 4000 i control

INR 6,75,636

Ident. No. 0003510000

## ② KS 4000 ic control

INR 7,86,708

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

Speed display

LED

LED

Timer display

7 segment LED

7 segment LED

Operating mode

Timer and continuous  
operationTimer and continuous  
operation

Temperature range (inlet T&gt;3°C)

RT +5 °C – 80 °C |  
RT -10 °C – 80 °CRT +5 °C – 80 °C |  
RT -10 °C – 80 °C

Total volume inner chamber

50 l

90 l

Dimensions (W x H x D)

465 x 430 x 695 mm

580 x 525 x 750 mm

Protection class according to  
DIN EN 60529

IP 30

IP 30

## SHAKERS | Orbital Shakers

## VORTEX 2

INR 26,321

Ident. No. 0025000258



## VORTEX 3

INR 27,326

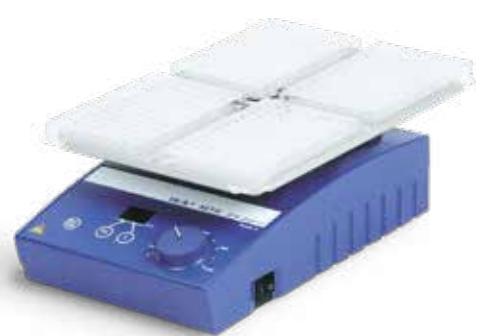
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## MTS 2/4 digital

INR 1,87,877

Ident. No. 0003208000



## VXR basic VibraX®

INR 1,77,411

Ident. No. 0002819000



## TECHNICAL DATA

## VORTEX 2

## VORTEX 3

## VXR BASIC

## MTS 2/4 DIGITAL

Type of movement

Orbital

Orbital

Orbital

Orbital

Speed range

500 – 2500 rpm

0 – 2500 rpm

0 – 2200 rpm

0 – 1100 rpm

Timer

No

No

No

Yes  
(Display: 7 Segment LED)

Speed display

Scale

–

Scale

Scale

Operating mode

Continuous operation

Continuous operation

Continuous operation

Timer and continuous  
operationPermissible shaking weight  
(incl. attachment)

0.4 kg

–

2 kg

2/4 MT-plates

Dimensions (W x H x D)

120 x 140 x 138 mm

127 x 136 x 149 mm

157 x 130 x 247 mm

185 x 105 x 320 mm

Protection class according to  
DIN EN 60529

IP 21

IP 21

IP 21

IP 21

## SHAKERS | Orbital Shakers

## ① KS 130 basic

INR 1,13,568  
Ident. No. 0002980000

## ② KS 130 control NOL

INR 1,43,367  
Ident. No. 0004278200



## ① HS 260 basic

INR 1,86,558  
Ident. No. 0003066600

## ② HS 260 control NOL

INR 2,05,494  
Ident. No. 0004278600



## ① KS 260 basic

INR 1,32,870  
Ident. No. 0002980200

## ② KS 260 control NOL

INR 2,09,710  
Ident. No. 0004278400



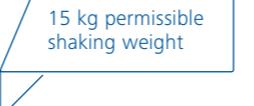
## ① HS 501 digital

INR 3,61,686  
Ident. No. 0025002982



## ② KS 501 digital

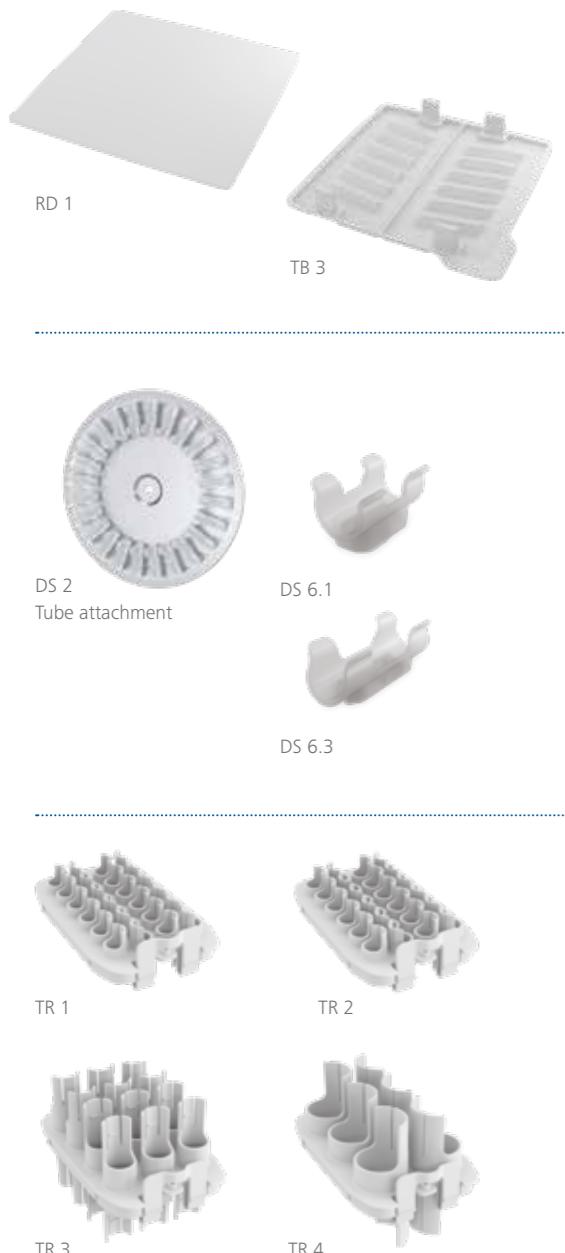
INR 3,61,686  
Ident. No. 0025002985



## SHAKERS | Accessories

Product	Description	Ident. No.	Price
<b>ACCESSORIES TEMPERATURE CONTROL AND MIXING</b>			
Matrix Cover	Cover	0030001253	INR 13,047
Matrix Thermo Cover	Cover, heatable	0030001244	INR 65,761
① Matrix PCR 96 attachment	Attachment for 96 PCR plates	0030000853	INR 78,939
Matrix PCR 384 attachment	Attachment for 384 PCR plates	0030000857	INR 78,939
② Matrix 0.5 ml attachment	Attachment for vials, 24 × 0.5 ml vials	0030000840	INR 65,761
Matrix 1.5 ml attachment	Attachment for vials, 24 × 1.5 ml vials	0030000829	INR 65,761
③ Matrix 2.0 ml attachment	Attachment for vials, 24 × 2.0 ml vials	0030000834	INR 65,761
Matrix 5 ml attachment	Attachment for vials, 8 × 5 ml vials	0030000859	INR 65,761
Matrix 12 ml attachment	Attachment for vials, 24 × 12 ml vials	0030000844	INR 65,761
Matrix 15 ml attachment	Attachment for vials, 8 × 15 ml vials	0030000821	INR 65,761
Matrix 50 ml attachment	Attachment for vials, 4 × 50 ml vials	0030000863	INR 65,761
Matrix Cryo attachment	Attachment for vials, 24 × cryo vials	0030000848	On request
Matrix 0.5 ml insert	Insert for 0.5 ml vials	0030001157	INR 5,140
Matrix 1.5 / 2.0 ml insert	Insert for 1.5 / 2.0 ml vials	0030001158	INR 5,140
Matrix PCR insert	Insert for 0.2 ml PCR vials	0030001159	INR 5,140
Matrix plate attachment	Attachment for microplates	0030000849	On request

TECHNICAL DATA	KS 130 BASIC   CONTROL NOL	KS 260 BASIC   CONTROL NOL	HS 260 BASIC   CONTROL NOL	HS 501 DIGITAL   KS 501 DIGITAL
Type of movement	Orbital	Orbital	Reciprocating	Reciprocating   Orbital
Shaker diameter	4 mm	10 mm	20 mm	30 mm
Permissible shaking weight (incl. attachment)	2.0 kg	7.5 kg	7.5 kg	15 kg
Speed range	0 – 800 rpm	0 – 500 rpm	0 – 300 rpm   10 – 300 rpm	0 – 300 rpm
Timer display	LED line   LCD	LED line   LCD	LED line   LCD	Scale
Speed display	LED line   LCD	LED line   LCD	LED line   LCD	7 segment LED
Operating mode	Timer and continuous operation			
Dimensions (W × H × D)	270 × 98 × 316 mm	360 × 98 × 420 mm	360 × 100 × 420 mm	505 × 120 × 585 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21



Product	Description	Ident. No.	Price
<b>ACCESSORIES ROCKER</b>			
A 2	Second level attachment	0004581700	<b>INR 5,847</b>
RD 1	Universal mat	0004532000	<b>INR 1,788</b>
RD 2	Burled mat	0004532100	<b>INR 2,024</b>
TB 1	Tray, 28 x 5 ml, Ø 12 mm	0004532200	<b>INR 3,261</b>
TB 2	Tray, 16 x 15 ml, Ø 16 mm	0004532300	<b>INR 3,261</b>
TB 3	Tray, 14 x 30 ml, Ø 25 mm	0004532400	<b>INR 3,261</b>
	Tray, 10 x 30 ml, Ø 28 mm	0004532500	<b>INR 3,261</b>
<b>ACCESSORIES LOOPSTER</b>			
DS 1	Tube attachment, 48 x 1.5 ml, Ø 10 mm	0004524000	<b>INR 17,654</b>
DS 2	Tube attachment, 24 x 5 ml, Ø 12 mm	0004524100	<b>INR 12,109</b>
DS 3	Tube attachment, 20 x 15 ml, Ø 16 mm	0004524200	<b>INR 12,706</b>
DS 4	Tube attachment, 12 x 30 ml, Ø 25 mm	0004524300	<b>INR 12,109</b>
DS 5	Tube attachment, 12 x 50 ml, Ø 28 mm	0004524400	<b>INR 12,706</b>
DS 6	Universal disc	0004524500	<b>INR 10,514</b>
DS 6.1	Spare clips, Ø 10 mm, VE 12 pcs.	0004524600	<b>INR 3,036</b>
DS 6.2	Spare clips, Ø 12 mm, VE 12 pcs.	0004524700	<b>INR 3,001</b>
DS 6.3	Spare clips, Ø 16 mm, VE 12 pcs.	0004524800	<b>INR 3,373</b>
DS 6.4	Spare clips, Ø 25 mm, VE 12 pcs.	0004524900	<b>INR 3,429</b>
DS 6.5	Spare clips, Ø 28 mm, VE 12 pcs.	0004525000	<b>INR 3,429</b>
<b>ACCESSORIES TRAYSTER</b>			
TR 1	Tube insert, 24 x 1.5 ml, Ø 10 mm	0004525100	<b>INR 3,599</b>
TR 2	Tube insert, 24 x 5 ml, Ø 12 mm	0004525200	<b>INR 3,599</b>
TR 3	Tube insert, 12 x 15 ml, Ø 16 mm	0004525300	<b>INR 3,599</b>
TR 4	Tube insert, 6 x 50 ml, Ø 28 mm	0004525400	<b>INR 3,599</b>



Product	Description	Ident. No.	Price
<b>ACCESSORIES MS 3 BASIC   CONTROL</b>			
MS 3.1	Standard attachment	0003426300	<b>INR 1,552</b>
MS 3.3	Universal attachment	0003426600	<b>INR 1,552</b>
MS 1.21	One-hand insert	L001540	<b>INR 2,114</b>
MS 1.30	Attachment for 0.5 ml tubes	0025005776	<b>INR 5,341</b>
MS 1.31	Test tube insert, 14 x Ø 10 mm	L001840	<b>INR 4,655</b>
MS 1.32	Test tube insert, 6 x Ø 12 mm	L001850	<b>INR 4,472</b>
MS 1.33	Test tube insert, 4 x Ø 16 mm	L001860	<b>INR 5,801</b>
MS 1.34	Test tube insert	L001830	<b>INR 2,711</b>
MS 3.4	Microtiter plate attachment	0003426400	<b>INR 4,217</b>
MS 3.5	PCR plate attachment, 96-well	0003428000	<b>INR 5,810</b>
<b>ACCESSORIES VORTEX 3</b>			
VG 3.1	Standard attachment	0003341200	<b>INR 1,160</b>
VG 3.2	One-hand attachment	0003342300	<b>INR 2,591</b>
VG 3.21	Rubber mat	0020008398	<b>INR 1,595</b>
VG 3.3	Universal attachment, 150 mm	0003342400	<b>INR 2,226</b>
VG 3.30	Attachment for PCR-tubes, 0.2 ml	0025005779	<b>INR 4,580</b>
VG 3.31	Test tube attachment for 54 Eppendorf tubes	0003344300	<b>INR 5,959</b>
VG 3.32	Test tube attachment, 18 x Ø 10 mm	0003343900	<b>INR 3,780</b>
VG 3.33	Test tube attachment, 12 x Ø 12 mm	0003344000	<b>INR 3,755</b>
VG 3.34	Test tube attachment, 8 x Ø 16 mm	0003344100	<b>INR 2,811</b>
VG 3.35	Test tube attachment, 8 x Ø 20 mm	0003344200	<b>INR 3,755</b>
VG 3.36	Erlenmeyer flask attachment, 100 - 250 ml	0003342100	<b>INR 3,737</b>
VG 3.37	Microtiter plate attachment	0003344400	<b>INR 2,586</b>



VX 2E.n

New accessory



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
<b>ACCESSORIES VXR</b>			
VX 1	One-hand attachment, 1 – 250 ml	0000607200	INR 10,490
VX 2	Test tube attachment, 36 × Ø 16 mm	0000568900	INR 35,238
VX 2E.n	Eppendorf attachment, 64 × 1.5 ml	0020018016	On request
VX 7	Dish attachment	0000953300	INR 30,645
VX 8	Universal attachment	0000910400	INR 73,778
VX 11	Basic holder	0003627700	INR 16,721
VX 11.1	Test tube insert, 70 × Ø 10 mm	0003659000	INR 16,712
VX 11.2	Test tube insert, 41 × Ø 12 mm	0003659100	INR 16,712
VX 11.3	Test tube insert, 32 × Ø 16 mm	0003659200	INR 12,755
VX 11.4	Test tube insert, 18 × Ø 20 mm	0003659300	INR 12,755
VX 11.5	Attachment for 30 ml tubes, 12 × Ø 23 mm	0025005778	INR 11,054
VX 11.6	Attachment for 50 ml tubes, 8 × Ø 27 mm	0025005777	INR 11,054
VX 8.1	Clamping roll	0003375400	INR 4,098

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS 130 BASIC   CONTROL</b>			
AS 130.1	Universal attachment	0008017300	INR 20,578
AS 130.2	Fixing clip attachment	0003115000	INR 8,945
AS 130.3	Dish attachment	0003120000	INR 8,352
AS 130.4	Test tube attachment	0003120300	INR 27,225

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS   HS 260 BASIC   CONTROL AND KS 3000</b>			
AS 260.1	Universal attachment	0008017400	INR 42,966
AS 260.2	Fixing clip attachment	0003115500	INR 13,043
AS 260.3	Dish attachment	0003120600	INR 11,020
AS 260.5	Separating funnel attachment	0003120900	INR 67,121

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS   HS 501 DIGITAL</b>			
AS 501.1	Universal attachment	0008000200	INR 1,29,312
AS 501.2	Separating funnel attachment	0008000300	INR 2,05,930
AS 501.3	Separating funnel attachment	0008000400	INR 1,59,523
AS 501.4	Fixing clip attachment	0002341100	INR 1,29,021
AS 501.5	Dish attachment	0002339600	INR 25,858
AS 501.6	Separating funnel attachment	0008000500	INR 2,82,248



AS 1.400



AS 4000.1



AS 1.30

AS 1.31



AS 1.7



AS 1.13



AS 2.1

AS 2.4

AS 2.6

Product	Description	Ident. No.	Price
<b>ACCESSORIES KS 4000 I   IC CONTROL</b>			
AS 4000.1	Universal attachment	0008022200	INR 1,32,037
AS 4000.2	Fixing clip attachment	0003710100	INR 86,122
AS 4000.3	Dish attachment	0003710000	INR 22,544
AS 1.400	Basic holder for AS 4000.1	0003710200	INR 55,901
AS 1.401	Clamping roll for AS 4000.1	0003712000	INR 5,401
AS 1.402	Fastening screw for AS 4000.1	0003712300	INR 707

Product	Description	Ident. No.	Price
<b>ACCESSORIES</b>			
AS 1.30	Basic holder for AS 130.1	0003148000	INR 23,621
AS 1.60	Basic holder for AS 260.1	0003149000	INR 42,518
AS 1.10	Basic holder for AS 501.1	0002339700	INR 65,692
AS 1.31	Clamping roll for AS 130.1	0003030500	INR 2,567
AS 1.61	Clamping roll for AS 260.1	0003030501	INR 3,340
AS 1.11	Clamping roll for AS 501.1	0002339800	INR 6,162
AS 1.6	Clamping device for AS 501.1	0001268400	INR 4,441
AS 1.7	Clamping device for AS 501.1	0001269200	INR 7,921
AS 1.12	Supporting bar for AS 1.10	0002594500	INR 16,129
AS 1.13	Ground section holder for AS 1.10	0002597000	INR 14,855
STICKMAX	Universal adhesive mat	0003920000	INR 4,722
AS 2.0	Fixing clips, 10 ml	0020016475	INR 5,301
AS 2.1	Fixing clips, 25 ml	0001234300	INR 2,215
AS 2.2	Fixing clips, 50 ml	0001234400	INR 2,215
AS 2.3	Fixing clips, 100 ml	0001234500	INR 2,215
AS 2.4	Fixing clips, 200   250 ml	0001234600	INR 4,273
AS 2.5	Fixing clips, 500 ml	0001234700	INR 4,273
AS 2.6	Fixing clips, 1000 ml	0003819300	INR 4,273
AS 2.7	Fixing clips, 2000 ml	0020016476	INR 7,899



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

### /// The new dispersing experience



**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.

**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

INR 70,278

Ident. No. 0003646000



#### ULTRA-TURRAX® Tube Drive

**Workstation**

INR 76,488

Ident. No. 0003645000



Contains among others:  
2 x ST-20, 2 x DT-20,  
2 x BMT-20 G | S,  
2 x BMT-20 G | S

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

INR 1,66,242

Ident. No. 0025005836



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

INR 1,59,843

Ident. No. 0025005981



#### TECHNICAL DATA

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



ST-20

ST-50-M



DT-20

DT-50-M



BMT-20-G-M

BMT-20-S-IVD.50

New  
accessory

Product	Description	Ident. No.	Price
<b>ST TUBE WITH STIRRING ELEMENT</b>			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	INR 18,112
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs.	0003700500	INR 21,984
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	INR 8,469
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	INR 16,465
<b>DT TUBE WITH ROTOR-STATOR ELEMENT</b>			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	INR 21,873
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs.	0003700600	INR 25,501
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	INR 18,288
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	INR 9,901
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	INR 17,710
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	INR 9,001
<b>BMT G   S TUBE FOR GRINDING WITH GLASS (G) OR STAINLESS STEEL (S) BALLS</b>			
BMT-20-S	Tube with stirring element, stainless steel balls, 20 ml, 25 pcs.	0003703200	INR 20,743
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	INR 20,743
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700700	INR 16,124
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	On request
BMT-20-S-IVD.50	Tube with stirring element, sterile, glass balls, 20 ml, 50 pcs., membrane lid, IVD product	0020019573	On request
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	INR 14,124
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	INR 14,163
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	INR 12,829



DIS-50-S-M

DIS-300-S-M



TC-20-M

TC-50-M

Product	Description	Ident. No.	Price
<b>TUBE WITH DISSOLVER ELEMENT AND MEMBRANE LID</b>			
DIS-50-S-M	Tube with dispersing element, 50 ml, 10 pcs., stainless steel	0020016316	INR 11,659
DIS-50-T-M	Tube with dispersing element, 50 ml, 10 pcs., titanium	0020016317	INR 14,114
DIS-300-S-M.10	Tube with dispersing element, 300 ml, 10 pcs., stainless steel	0020016318	INR 18,409
DIS-300-S-M.50	Tube with dispersing element, 300 ml, 50 pcs., stainless steel	0020017313	INR 99,420
<b>COVER</b>			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	INR 3,927
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	INR 3,927
<b>BALLS FOR BMT TUBE</b>			
Glass balls 6	Glass balls, 250 g	0003599200	INR 6,001
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	INR 6,001

## 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.



\*Currently released distribution countries are Austria, Belgium, Germany, Liechtenstein, Luxembourg, France, Iceland, Ireland, United Kingdom, Estonia and Malta

## DISPERSERS | T-Series

**T 10 basic ULTRA-TURRAX®**

INR 91,017

Ident. No. 0003737000

**T 18 digital ULTRA-TURRAX®**

INR 95,296

Ident. No. 0003720000

**T 25 digital ULTRA-TURRAX®**

INR 1,21,408

Ident. No. 0003725022


  
reddot design award  
winner 2012
**T 50 digital ULTRA-TURRAX®**

INR 2,38,270

Ident. No. 0003787000

**T 25 easy clean digital**

INR 2,36,530

Ident. No. 0025002582

**T 25 easy clean control**

Price on request

Ident. No. 0025002522


  
Integrated temperature  
measurement
**T 65 basic ULTRA-TURRAX®**

INR 4,56,057

Ident. No. 0004023500

**T 65 digital ULTRA-TURRAX®**

INR 7,64,584

Ident. No. 0004234500



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 <sub>2</sub> 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

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



Product	Description	Ident. No.	Price
<b>DISPERSING ELEMENTS FOR T 10 BASIC</b>			
S 10 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446500	<a href="#">INR 1,76,425</a>
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	<a href="#">INR 1,77,425</a>
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	<a href="#">INR 71,427</a>
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	<a href="#">INR 93,683</a>
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	<a href="#">INR 93,683</a>
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	<a href="#">INR 34,053</a>
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	<a href="#">INR 49,913</a>
<b>DISPERSING ELEMENTS FOR T 18 DIGITAL</b>			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	<a href="#">INR 75,925</a>
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	<a href="#">INR 80,210</a>
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	<a href="#">INR 26,098</a>
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	<a href="#">INR 26,098</a>
S 18   25-ET50	Disposable tube	0003452500	<a href="#">INR 500</a>
<b>DISPERSING ELEMENTS FOR T 25 DIGITAL</b>			
S 25 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446900	<a href="#">INR 1,13,139</a>
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	<a href="#">INR 89,874</a>
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	<a href="#">INR 1,17,823</a>
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	<a href="#">INR 1,20,337</a>
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	<a href="#">INR 1,17,217</a>
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	<a href="#">INR 80,054</a>
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	<a href="#">INR 75,117</a>
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	<a href="#">INR 1,90,100</a>
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	<a href="#">INR 98,111</a>
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	<a href="#">INR 1,93,095</a>
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	<a href="#">INR 1,09,858</a>
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	<a href="#">INR 1,81,015</a>
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	<a href="#">INR 26,098</a>
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	<a href="#">INR 25,946</a>
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	<a href="#">INR 1,30,355</a>
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	<a href="#">INR 1,65,541</a>
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	<a href="#">INR 1,35,820</a>
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	<a href="#">INR 1,71,213</a>
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	<a href="#">INR 1,78,196</a>
Silentstream		0003754000	<a href="#">INR 4,234</a>
S 18   25-ET50	Disposable tube	0003452500	<a href="#">INR 499</a>
TS 25-3	Cleaning tool	0020003013	<a href="#">INR 9,817</a>
CT.15	Cleaning tube	0020006595	<a href="#">INR 12,959</a>



Product	Description	Ident. No.	Price
<b>DISPERSING ELEMENTS FOR T 25 EASY CLEAN</b>			
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm for T 25 easy clean, temperature measurement	0020007032	<a href="#">INR 1,59,315</a>
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm for T 25 easy clean	0025002580	<a href="#">INR 1,49,092</a>
<b>DISPERSING ELEMENTS FOR T 50 DIGITAL</b>			
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0008003200	<a href="#">INR 3,36,453</a>
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	<a href="#">INR 4,26,655</a>
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0008003500	<a href="#">INR 4,56,321</a>
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0008004100	<a href="#">INR 4,09,409</a>
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	<a href="#">INR 2,01,634</a>
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	<a href="#">INR 2,59,514</a>
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	<a href="#">INR 2,62,984</a>
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	<a href="#">INR 2,50,548</a>
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	<a href="#">INR 3,81,507</a>
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	<a href="#">INR 3,80,015</a>
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	<a href="#">INR 4,06,890</a>
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	<a href="#">INR 4,22,592</a>
R 50	Stirring shaft, high speed	0001689300	<a href="#">INR 2,08,467</a>
R 1405	Propeller, Ø 45 mm	0001289800	<a href="#">INR 21,961</a>
R 1402	Dissolver, Ø 42 mm	0001243300	<a href="#">INR 30,180</a>
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	<a href="#">INR 2,39,705</a>
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	<a href="#">INR 2,55,907</a>
<b>DISPERSING ELEMENTS FOR T 65 D, BASIC AND DIGITAL</b>			
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0008005500	<a href="#">INR 4,69,044</a>
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0008005700	<a href="#">INR 4,77,997</a>
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0008005900	<a href="#">INR 5,20,904</a>
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	<a href="#">INR 3,89,663</a>
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	<a href="#">INR 4,20,488</a>
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	<a href="#">INR 4,40,634</a>
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	<a href="#">INR 4,01,489</a>
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	<a href="#">INR 4,25,565</a>
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	<a href="#">INR 4,48,468</a>
D 60	Dissolver, Ø 60 mm	0020008388	<a href="#">INR 78,646</a>
D 80	Dissolver, Ø 80 mm	0020008389	<a href="#">INR 89,760</a>
<b>NOMENCLATURE DISPERSING ELEMENTS</b>			
Shaft	Outer diameter of stator	Saw tooth	
<b>S 50   KG - HH - G   45   G - ST</b>	Sealing and bearing	Generator or element	Degree of fineness achieved



## MULTIDRIVE BASIC AND CONTROL

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

Regardless of whether samples are hard, soft or fibrous – the IKA 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 a disposable tube. There is a USB interface available for easy actuation and documentation respectively.

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.

### 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.

### 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

INR 3,41,520  
Ident. No. 0025002643



### MultiDrive basic

INR 2,84,581  
Ident. No. 0025002638



### TECHNICAL DATA

	MULTIDRIVE CONTROL	MULTIDRIVE BASIC
Operating principle	Cutting / Impact	Cutting / Impact
Speed range	3000 – 20 000 rpm	3000 – 20 000 rpm
Useable volume max.	2000 ml	2000 ml
Feed hardness max.	5 Mohs	5 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 × 450 × 250 mm	300 × 450 × 250 mm
Protection class according to DIN EN 60529	IP 31	IP 31

**A 10 basic**

INR 2,11,059

Ident. No. 0004020700

**A 11 basic**

INR 80,183

Ident. No. 0002900022

**M 20**

INR 6,69,995

Ident. No. 0001603600

For dry grinding of  
hard and brittle  
substances

**MF 10 basic**

INR 4,99,373

Ident. No. 0002836000



Two different grinding  
heads can be attached to  
the drive, [see Page 67](#)

**Tube mill 100 control**

INR 2,27,349

Ident. No. 0020007144



Designed for grinding  
chambers with max.  
100 ml

**Tube Mill control**

INR 2,23,626

Ident. No. 0004180000



reddot design award  
winner 2013

German  
Design Award  
NOMINEE 2015

**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 max.	5 Mohs	6 Mohs	5 Mohs	6 Mohs (MF 10.2)
Milling chamber, can be cooled with water / dry ice / liquid nitrogen	Yes / Yes / No	No / Yes / Yes	Yes / Yes / No	No / Yes / No
Dimensions (W x H x D)	130 x 250 x 145 mm	85 x 240 x 85 mm	170 x 350 x 170 mm	320 x 380 x 300 mm
Protection class according to DIN EN 60529	IP 41	IP 43	IP 21	IP 22

**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



IKA MultiDrive BL 2000



IKA MultiDrive MI 250



MT 40



MMT 40



MTT 40



MMT 100

Product	Description	Ident. No.	Price
<b>ACCESSORIES MULTIDRIVE</b>			
MultiDrive BL 2000	Blender vessel, 2000 ml	0025003961	INR 56,825
MultiDrive BL 2000 T	Blender vessel, 2000 ml, Temperature measurement	0025003962	INR 68,213
MultiDrive MI 250	Milling chamber, 250 ml	0025003967	INR 68,213
MultiDrive MI 400	Milling chamber, 400 ml	0025003965	INR 79,601
MultiDrive MI 250 T	Milling chamber, 250 ml, Temperature measurement	0025003968	INR 79,601
MultiDrive MI 400 T	Milling chamber, 400 ml, Temperature measurement	0025003966	INR 90,988
MultiDrive DI 2000 T	Dispersing vessel, 2000 ml, Temperature measurement	0025003960	INR 102,376
<b>ACCESSORIES TUBE MILL CONTROL</b>			
MT 40.10	Disposable grinding chamber, 40 ml, 10 pcs.	0004425000	INR 9,149
MT 40.100	Disposable grinding chamber, 40 ml, 100 pcs.	0020001173	INR 74,328
MTC 40.100	Cover for disposable grinding chamber, 100 pcs.	0020001182	INR 6,258
MT 40.10 steril	Disposable grinding chamber, sterile, 40 ml, 10 pcs.	0020001984	INR 14,199
MT 40 P.10	Disposable grinding chamber, bended beater, 40 ml, 10 pcs.	0020017838	On request
MT 40 P.100	Disposable grinding chamber, bended beater, 40 ml, 100 pcs.	0020011531	INR 66,439
MT 100.10	Disposable grinding chamber, 100 ml, 10 pcs.	0020008386	INR 9,999
MT 100.10 steril	Disposable grinding chamber, sterile, 100 ml, 10 pcs.	0020012571	INR 16,301
MT 100.50	Disposable grinding chamber, 100 ml, 50 pcs.	0020006984	INR 45,465
MMT 40.1	Multi-use milling tube, 40 ml	0020003165	INR 20,876
MMT 100.1	Multi-use milling tube, 100 ml	0020016315	INR 30,124
MTT 40.10	Disposable grinding chamber, titanium beater, 40 ml, 10 pcs.	0020015380	INR 13,254
MTT 100.10	Disposable grinding chamber, titanium beater, 100 ml, 10 pcs.	0020019576	On request
A-MMT 40.100	Abrasion set for MMT 40.1   MMT 100.1, 100 sealing, 5 beaters, 5 couplings	0020003378	INR 13,494



A 10.3



A 11.2



A 11.6



M 23



MF 10.2



MF 1.0

MF 4.0

Product	Description	Ident. No.	Price
<b>ACCESSORIES A 10 BASIC</b>			
A 10.1	Stainless steel cutter	0025001680	INR 5,478
A 10.2	Star-shaped cutter	0025001162	INR 15,046
A 10.3	Hard metal cutter	0025001161	INR 27,868
A 10.4	Grinding chamber reduction	0025001664	INR 10,425
<b>ACCESSORIES A 11 BASIC</b>			
A 11.1	Spare beater, stainless steel	0002904600	INR 8,827
A 11.2	Cutting blade, stainless steel	0002905200	INR 14,332
A 11.3	Beater, stainless steel	0002983000	INR 18,212
A 11.4	Grinding chamber, polycarbonate, 250 ml	0002904100	INR 63,038
A 11.5	Spare grinding chamber, Tefcel, 80 ml	0002983100	INR 46,302
A 11.6	Double beater, titanium	0003302900	INR 49,606
A 11.7	Funnel, PTFE	0003048700	INR 25,218
<b>ACCESSORIES M 20</b>			
M 21	Spare cutter, stn. steel	0000328200	INR 8,669
M 22	Hard metal cutter, tungsten carbide	0000521800	INR 37,233
M 23	Star-shaped cutter, stn. steel	0001443400	INR 17,243
M 20.1	Grinding chamber, 250 ml	0008006200	INR 3,61,549
<b>ACCESSORIES MF 10 BASIC</b>			
MF 10.1	Cutting-grinding head	0002870900	INR 3,74,322
MF 10.2	Impact-grinding head	0002871000	INR 3,40,993
<b>SIEVES</b>			
MF 0.25	Sieve, Ø 0.25 mm	0002938900	INR 35,705
MF 0.5	Sieve, Ø 0.5 mm	0002939000	INR 28,715
MF 1.0	Sieve, Ø 1 mm	0002939200	INR 28,715
MF 2.0	Sieve, Ø 2 mm	0002939400	INR 28,715
MF 3.0	Sieve, Ø 3 mm	0002939500	INR 31,326
MF 4.0	Sieve, Ø 4 mm	0002939600	INR 32,611

Display viscosity even during product development: the new IKA STARVISC torque-measuring stirrers make it possible. The devices have a broad range of applications and are 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

STARVISC measures in a highly precise way and does this even during the manufacturing process. Samples no longer have to be taken separately.

### VISCOSITY CALCULATION

A viscosity calculation can be carried out immediately via an user-friendly menu.

### 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

INR 7,34,298

Ident. No. 0025006521



### TECHNICAL DATA STARVISC 200-2.5 CONTROL

Stirring quantity max. ( $\text{H}_2\text{O}$ )	100 l
Torque max. at stirring shaft	200 Ncm
Torque I max.	200 Ncm
Torque II max.	40 Ncm
Speed range I (high torque)	0 / 6 – 400 rpm
Speed range II (high speed)	0 / 30 – 2000 rpm
Display	TFT
Viscosity max.	100 000 mPas
Dimensions (W x H x D)	91 x 395 x 231 mm
Protection class according to DIN EN 60529	IP 40

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

##### Stirring elements

R 1302	Dissolver stirrer, Ø 100 mm	0002387900	INR 60,987
R 1330	Anchor stirrer, Ø 45 mm	0002022300	INR 39,844
R 1331	Anchor stirrer, Ø 90 mm	0002022400	INR 38,642
R 1345	Propeller stirrer, 4-bladed, Ø 100 mm	0000741300	INR 10,465
R 1375	Paddle stirrer, Ø 70 mm	0000757700	INR 18,276

##### Boss head clamp

R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	INR 9,839
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	INR 6,355

##### Stands

R 2722	H-stand, 1010 mm	0001412000	INR 52,807
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	INR 72,075

##### Software

labworldsoft® 6 Starter	For configurations up to 3 devices	0020019397	INR 3,01,801
labworldsoft® 6 Pro	For all configurations – any no. of devices can be controlled at the same time	0020017366	INR 6,88,726



R 1302 R 1330 R 1331



R 1345 R 1375

The ROTAVISC series determines the viscosity of liquids in all areas of application ranging from the laboratory to quality control. The four devices measure in different viscosity ranges. Regardless of a simple or demanding viscosity measurement – ROTAVISC delivers rapid and accurate results.

## ROTAVISC

/// With the largest range of functions in its class

### EASY TO OPERATE

The generous 4.3" TFT display allows for an intuitive menu guidance. A digital spirit level also supports the correct set-up of the start-up condition. The simple ramp function simplifies repetitive tasks.

### HIGHEST MEASUREMENT ACCURACY

The level of measurement accuracy of the ROTAVISC rotational viscometer for both Newtonian and non-Newtonian fluids is +/- 1 % of the measuring range. The repeatability is +/- 0.2 %.

### STEPLESS SPEED

ROTAViSC is a viscometer, which offers stepless speed adjustment.

### SCOPE OF DELIVERY

The package includes a standard spindle set, a protective bracket, temperature sensor, quick connector, hook connector and ROTASTAND stand. Advanced packages additionally include software.



**① ROTAVISC lo-vi Complete    ② ROTAVISC me-vi Complete**

INR 2,87,829  
Ident. No. 0025000310

**③ ROTAVISC hi-vi I Complete    ④ ROTAVISC hi-vi II Complete**

INR 2,87,829  
Ident. No. 0025000312

**⑤ ROTAVISC lo-vi Advanced    ⑥ ROTAVISC me-vi Advanced**

INR 3,62,892  
Ident. No. 0025000320

**⑦ ROTAVISC hi-vi I Advanced    ⑧ ROTAVISC hi-vi II Advanced**

INR 3,62,892  
Ident. No. 0025000322

Advanced packages  
include software



### TECHNICAL DATA

ROTAVISC	
Viscosity accuracy	± 1 % FSR
Viscosity repeatability	0.2 % FSR
Display	TFT
Motor rating output	4.8 W
Temp. measurement range	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

### MEASURING RANGES

**ROTAViSC lo-vi**

Viscosity measuring range 1 – 6 000 000 mPas

**ROTAViSC me-vi**

Viscosity measuring range 100 – 40 000 000 mPas

**ROTAViSC hi-vi I**

Viscosity measuring range 200 – 80 000 000 mPas

**ROTAViSC hi-vi II**

Viscosity measuring range 800 – 320 000 000 mPas



DINS-1

Product	Description	Ident. No.	Price
<b>DIN ADAPTER</b>			
DINS-1	DIN adapter set	0025000387	INR 1,12,413
<b>SPIRAL ADAPTER</b>			
SAS-1	Spiral adapter set	0025000377	INR 1,05,296
<b>EXTREMELY LOW VISCOSITY ADAPTER</b>			
ELVAS-1	Extremly low viscosity adapter set	0025000390	INR 1,26,250
<b>LOW VOLUME ADAPTER</b>			
VOLS-1	Low volume adapter set	0025000352	INR 1,10,568
<b>VANE SPINDLE</b>			
VAN-1	Vane spindle set	0025000407	INR 1,06,482
<b>SOFTWARE</b>			
labworldsoft® 6 Starter	Laboratory software	0020019397	INR 3,01,801
labworldsoft® 6 Pro	Laboratory software	0020017366	INR 6,88,726

ELVAS-1



VOLS-1



VAN-1



CAL-O-5



CAL-O-100000

Product	Description	Ident. No.	Price
<b>STANDARD SILICONE OIL</b>			
CAL-O-5	Standard silicone oil, 5 mPas, 25 °C, 500 ml	0025000397	INR 15,946
CAL-O-10	Standard silicone oil, 10 mPas, 25 °C, 500 ml	0025000398	INR 15,946
CAL-O-50	Standard silicone oil, 50 mPas, 25 °C, 500 ml	0025000399	INR 15,946
CAL-O-100	Standard silicone oil, 100 mPas, 25 °C, 500 ml	0025000434	INR 15,946
CAL-O-500	Standard silicone oil, 500 mPas, 25 °C, 500 ml	0025000435	INR 15,946
CAL-O-1000	Standard silicone oil, 1000 mPas, 25 °C, 500 ml	0025000436	INR 15,946
CAL-O-5000	Standard silicone oil, 5000 mPas, 25 °C, 500 ml	0025000437	INR 15,946
CAL-O-12500	Standard silicone oil, 12 500 mPas, 25 °C, 500 ml	0025000466	INR 15,946
CAL-O-30000	Standard silicone oil, 30 000 mPas, 25 °C, 500 ml	0025000467	INR 15,946
CAL-O-60000	Standard silicone oil, 60 000 mPas, 25 °C, 500 ml	0025000468	INR 15,946
CAL-O-100000	Standard silicone oil, 100 000 mPas, 25 °C, 500 ml	0025000469	INR 15,946

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



### VACSTAR digital

INR 1,65,000

Ident. No. 0020016241

### VACSTAR control

INR 3,20,000

Ident. No. 0020019071

Automatic cleaning function for increased service life



### TECHNICAL DATA

VACSTAR DIGITAL   VACSTAR CONTROL	
Maximum pumping capacity	22 l/min
Boiling point detection	No   Yes
Solvent library	No   Yes
Speed range	285 – 1200 rpm
Vacuum sensor	No   Yes
Min. input pressure	2 mbar
Max. input pressure	1030 mbar
Dimensions (W x H x D)	150 x 375 x 370 mm 270 x 435 x 500 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 interface	Yes
USB interface	Yes
Voltage	100 – 240 V

Product	Ident. No.	Price
<b>ACCESSORIES VACSTAR DIGITAL AND CONTROL</b>		
VSW 1 vacuum safety woulff bottle	0020015406	INR 58,557
VSE 1 vacuum safety emission	0035001873	INR 56,231
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	INR 7,413



VSW 1

VSE 1

**MVP 10 basic****INR 1,49,633**

Ident. No. 0003980000



Product	Ident. No.	Price
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**ACCESSORIES MVP 10 BASIC**

VCV 1 vacuum control valve manual	0020004850	INR 44,206
VCV 2 vacuum control valve digital	0020004893	INR 93,772
VSS 1 vacuum safety set	0020005194	INR 95,123
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886	INR 7,413

VCV 1



VSS 1

**VC 10****INR 1,89,720**

Ident. No. 0020005132



Product	Ident. No.	Price
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**ACCESSORIES VACUUM CONTROLLER**

VC 10.300 check valve	0020011105	INR 22,922
VC 10.400 table holder	0035001735	INR 26,260



VC 10.300



VC 10.400

TECHNICAL DATA	MVP 10 BASIC
Maximum pumping capacity	28.3 l/min
Speed range	1380 – 1680 rpm
Vacuum sensor	No
Min. input pressure	7 mbar
Max. input pressure	1050 mbar
Dimensions (W × H × D)	245 × 155 × 320 mm
Protection class acc. to DIN EN 60529	IP 54
RS 232 interface	No
USB interface	No
Voltage	230 / 115 / 100 V

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
Dimensions (W × H × D)	95 × 150 × 110 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 interface	Yes
USB interface	Yes
Voltage	100 – 240 V

IKA offers a wide range of high-precision temperature control systems according to DIN 12876 for temperature ranges of -30 °C to 250 °C. The product portfolio includes immersion circulators, heating bath circulators and recirculating chillers. Precise technology and user-friendly design make temperature control easy for any application. All IKA temperature control instruments meet the highest standards in terms of safety, power and intelligence. In addition, IKA provides a wide range of accessories for its temperature control systems such as baths, bridges, thermal fluids and much more.



## HRC 2 CONTROL

### /// Compact refrigerated and heating circulator

The compact refrigerated and heating circulator HRC 2 control is renowned for its high energy efficiency, a working temperature range from -30 °C to 100 °C and a powerful and infinitely variable pressure and suction pump. The on-demand and speed-controlled compressor reduces noise and operating costs. The HRC 2 control in combination with an external temperature sensor is perfectly suitable to precisely temper external closed or open applications.



#### ICC basic

INR 1,04,852  
Ident. No. 0004134400



#### ICC control

INR 1,64,430  
Ident. No. 0004136600



#### IC basic

INR 2,45,136  
Ident. No. 0003861000



#### IC control

INR 3,30,294  
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*
Temperature display	LED	TFT	LED	TFT
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 250 °C

\*\* CC 1 cooling coil included in delivery



ICC basic eco 8



ICC control pro 12



ICC control pro 20 c



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

Product	Description	Bath size	Bath opening (W × D)*	Ident. No.	Price
<b>HEATING BATH CIRCULATORS</b>					
ICC basic eco* 8	Package ICC basic, 8 l eco bath	S	188 × 105 mm	0008034900	<a href="#">INR 1,49,676</a>
ICC basic pro** 9	Package ICC basic, 9 l pro bath	S	195 × 100 mm	0008035100	<a href="#">INR 1,65,026</a>
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 × 127 mm	0010000414	<a href="#">INR 1,72,757</a>
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 × 305 mm	0008035000	<a href="#">INR 1,63,747</a>
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 × 309 mm	0008035200	<a href="#">INR 1,82,936</a>
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 × 105 mm	0008035300	<a href="#">INR 2,11,081</a>
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 × 100 mm	0008035500	<a href="#">INR 2,26,433</a>
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 × 127 mm	0010000415	<a href="#">INR 2,32,901</a>
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 × 305 mm	0008035400	<a href="#">INR 2,25,152</a>
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 × 309 mm	0008035600	<a href="#">INR 2,44,342</a>

Product	Description	Bath size	Bath opening (W × D)*	Ident. No.	Price
<b>COMBINED HEATING BATH CIRCULATORS</b>					
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 × 105 mm	0008035700	<a href="#">INR 1,86,774</a>
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 × 100 mm	0008035900	<a href="#">INR 2,04,684</a>
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 × 127 mm	0010000416	<a href="#">INR 2,13,706</a>
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 × 305 mm	0008035800	<a href="#">INR 2,04,684</a>
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 × 309 mm	0008036000	<a href="#">INR 2,25,152</a>
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 × 105 mm	0008036100	<a href="#">INR 2,78,882</a>
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 × 100 mm	0008036300	<a href="#">INR 2,96,792</a>
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 × 305 mm	0008036200	<a href="#">INR 2,95,513</a>
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 × 127 mm	0010000417	<a href="#">INR 2,94,325</a>
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 × 309 mm	0008036400	<a href="#">INR 3,17,261</a>

Product	Description	Bath size	Bath opening (W × D)*	Ident. No.	Price
<b>PACKAGES WITH MAGNETIC STIRRER</b>					
ICC basic IB R RO 15 eco	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002471	<a href="#">INR 5,77,944</a>
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 × 492 mm	0010002474	<a href="#">INR 6,74,268</a>

\*eco: plastic bath

\*\*pro: stainless steel bath



IC basic pro 12 c



IC control pro 20 c

Product	Description	Bath size	Bath opening (W × D)*	Ident. No.	Price
<b>IMMERSION CIRCULATOR PACKAGES</b>					
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 × 80 mm	0008039900	<a href="#">INR 3,75,575</a>
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 × 262 mm	0008036800	<a href="#">INR 3,92,205</a>
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 × 80 mm	0008040000	<a href="#">INR 4,38,792</a>
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 × 262 mm	0008037200	<a href="#">INR 4,55,210</a>

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

## /// Heating Bath Circulators

## ① HBC 5 basic

INR 3,40,288

Ident. No. 0004125000

## ①

INR 3,40,288

Ident. No. 0004125000



## ② HBC 5 control

INR 4,04,252

Ident. No. 0004127000

## ②

INR 4,04,252

Ident. No. 0004127000

## ① HBC 10 basic

INR 3,60,756

Ident. No. 0004135000

## ①



## ② HBC 10 control

INR 4,34,954

Ident. No. 0004137000

## ②



## /// Refrigerated and Heating Bath Circulators

## ① CBC 5 basic

INR 7,65,925

Ident. No. 0004165000

## ①



## ② CBC 5 control

INR 8,28,290

Ident. No. 0004167000

## ②

INR 8,28,290

Ident. No. 0004167000

## ① HRC 2 basic

INR 5,07,587

Ident. No. 0025003742

## ①



## ② HRC 2 control

INR 6,00,394

Ident. No. 0025004524

## ②

## RC 2 basic

INR 3,62,035

Ident. No. 0020011150



## RC 2 control

INR 4,76,527

Ident. No. 0004173000



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
Temperature display	LED   TFT	LED   TFT	LED   TFT	LED   TFT
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

TECHNICAL DATA	RC 2 BASIC	RC 2 CONTROL	RC 5 BASIC	RC 5 CONTROL
Appliance type	Recirculating chiller	Recirculating chiller	Recirculating chiller	Recirculating chiller
Cooling capacity at 20 °C	400 W	400 W	1400 W	1400 W
Temperature range	-20 °C – RT	-30 °C – RT	-30 °C – RT	-30 °C – RT
Temperature display	LED	TFT	LED	TFT
Temperature stability DIN 12876	± 0.1 K	± 0.05 K	± 0.2 K	± 0.1 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 × H × D)	220 × 475 × 525 mm	220 × 475 × 525 mm	310 × 546 × 490 mm	310 × 546 × 490 mm

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

\*\* -30 °C possible at 2000 rpm



CS.ICC

CL.ICC

BS.ICC

PCS.ICC

BS.IC

CC1

IB 8 eco

IB 18 eco

IB 9 pro

IB 20 pro

Product	Description	Ident. No.	Price
<b>ACCESSORIES FOR ICC</b>			
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	INR 17,146
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	INR 21,745
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	INR 21,745
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	INR 11,126
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	INR 12,007
CC2	Cooling coil for ICC	0025001061	INR 10,704
PCS.ICC	Pump connection set for ICC	0004471900	INR 18,852
<b>ACCESSORIES FOR IC</b>			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	INR 16,252
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	INR 21,841
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	INR 16,362
CC1	Cooling coil for IC basic / control	0020005116	INR 11,418
<b>BATH VESSELS</b>			
<b>Bath size S</b>			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	INR 38,672
IB R 9 eco	Bath vessel, 9 l, 31 x 24 x 15 mm, plastic, rectangular	0020004382	INR 46,514
IB 9 pro	Bath vessel, stn. steel, 9 l	0004248500	INR 79,127
<b>Bath size M</b>			
IB 12 pro	Bath vessel, stn. steel, 12 l	0004577500	INR 82,463
<b>Bath size L</b>			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	INR 40,267
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	INR 69,463
IB R 20 eco	Bath vessel, 20 l, 50 x 31 x 15 mm, plastic, rectangular	0020004383	INR 62,111
IB R 52 eco	Bath vessel, 52 l, 60 x 31 x 30 mm, plastic, rectangular	0020007044	INR 85,059
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	INR 1,01,771
IB 20 pro	Bath vessel, stn. steel, 20 l	0004248600	INR 99,253

Product	Description	Ident. No.	Price
<b>THERMOFLUIDS</b>			
HF.Si.20.250.50A	Heating Fluid Si250A; 10 kg	0020003521	INR 59,988
HF.Si.20.200.50	Heating Fluid Si200; 10 kg	0020003520	INR 55,887
UF.Si.N30.150.10LV	Universal Fluid Si150 LV; 9 kg	0020003518	INR 53,721
<b>HOSES</b>			
LT 5.20	High temperature hose kit insulated, 2 x 1.5 m, stainless steel	0002606700	INR 1,44,864
LT 5.21	High temperature hose kit insulated, 2 x 1.5 m, PTFE	0020000988	INR 80,330
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1.5 m	0004568800	INR 1,545
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1.5 m	0004568900	INR 1,959
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1.5 m	0004569000	INR 3,874
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1.5 m	0004569100	INR 4,655
H.PUR.8.R	Tube PUR 90 °C, diam. 8, 2 x 1.5 m, reinforced	0020004612	INR 6,922
H.PUR.12	Tube PUR 90 °C, diam. 12, 2 x 1.5 m	0020004613	INR 8,588
H.FKM.8	Tube FKM, diam. 8 mm, -30 °C ... 180 °C, 2 x 1.5 m	0004569200	INR 36,115
H.FKM.12	Tube FKM, diam. 12 mm, -30 °C ... 180 °C, 2 x 1.5 m, M 16 x 1	0004569300	INR 46,647
<b>INSULATION FOR HOSES</b>			
ISO.8	Insulation, Ø 8 mm	0004569400	INR 3,212
ISO.12	Insulation, Ø 12 mm	0004569500	INR 4,150



## TEMPERATURE CONTROL | Accessories



Tube rack, 13 mm, S, stainless



Variable rack, ICC, ML, stainless



Variable bottom, ICC, L, stainless



Bottom plate L



Floating tube rack 1



Floating tube rack 2



Floating tube rack 3

Product	Description	Ident. No.	Price
<b>TUBE RACKS</b>			
Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, d=13 mm	0020004026	<a href="#">INR 10,628</a>
Tube rack, 17 mm, S, stainless	Stainless steel rack bath size S, d=17 mm	0020004027	<a href="#">INR 10,202</a>
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, d=22 mm	0020004028	<a href="#">INR 10,202</a>
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, d=13 mm	0020004029	<a href="#">INR 17,174</a>
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, d=17 mm	0020004030	<a href="#">INR 17,174</a>
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, d=22 mm	0020004031	<a href="#">INR 17,174</a>
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	<a href="#">INR 22,019</a>
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, d=13 mm, 2 pcs.	0020004033	<a href="#">INR 7,339</a>
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, d=17 mm, 2 pcs.	0020004034	<a href="#">INR 7,339</a>
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, d=22 mm, 2 pcs.	0020004035	<a href="#">INR 7,339</a>
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	<a href="#">INR 48,881</a>
Bottom plate L	Bottom plate for bath size L	0020006212	<a href="#">INR 53,023</a>
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	<a href="#">INR 44,266</a>
<b>FLOATING RACKS</b>			
Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	<a href="#">INR 4,052</a>
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	<a href="#">INR 3,889</a>
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	<a href="#">INR 3,889</a>

## TEMPERATURE CONTROL | Accessories



Ball valve M16x1 Mechanic fluid level controller



Elbow tube 90° Olive for DN 6 hoses Adapter NTP 1/4 Adapter NTP 3/4



WH10 Floating globes, PP

Product	Description	Ident. No.	Price
<b>MAGNETIV VALVES, BALL VALVES AND LEVEL CONTROLLER</b>			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	<a href="#">INR 51,484</a>
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	<a href="#">INR 74,720</a>
Ball valve M16 x 1	Ball valve, completely opening (M16 x 1)	0020004620	<a href="#">INR 11,328</a>
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	<a href="#">INR 47,354</a>
<b>ADAPTERS</b>			
Elbow tube 90°	Elbow tube 90°	0025001212	<a href="#">INR 9,394</a>
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	<a href="#">INR 4,191</a>
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	<a href="#">INR 3,522</a>
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	<a href="#">INR 4,191</a>
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	<a href="#">INR 3,339</a>
Adapter NTP 1/4	Adapter M16 to NPT 1/4, 2 pcs.	0020004569	<a href="#">INR 5,189</a>
Adapter NTP 1/2	Adapter M16 to NPT 1/2, 2 pcs.	0020004570	<a href="#">INR 15,707</a>
Adapter NTP 3/4	Adapter M16 to NPT 3/4, 2 pcs.	0020004571	<a href="#">INR 18,750</a>
Lock nut	Lock nut, 2 pcs.	0020004583	<a href="#">INR 4,657</a>
Stopper	Stopper, 2 pcs.	0020004584	<a href="#">INR 4,657</a>
<b>ADDITIONAL ACCESSORIES</b>			
WH10	WiCo Holder	0020000984	<a href="#">INR 2,380</a>
PT 100.30	Temp. sensor, stn. steel	0004284700	<a href="#">INR 27,447</a>
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	<a href="#">INR 22,105</a>
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	<a href="#">INR 14,826</a>

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 aluminum 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

INR 82,911

Ident. No. 0004025100



### Dry Block Heater 2

INR 91,895

Ident. No. 0004025200



### Dry Block Heater 3

INR 98,861

Ident. No. 0004025300



### Dry Block Heater 4

INR 131,561

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			
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 x 76 mm	96 x 152 mm	96 x 228 mm	96 x 304 mm
Dimensions (W x H x D)	151 x 73 x 228 mm	151 x 73 x 304 mm	151 x 73 x 380 mm	151 x 73 x 456 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21



DB 1.1

**MICRO CENTRIFUGE TUBES**

Product	Description	Ident. No.	Price
DB 1.1	Single block, PCR tubes, Ø 7.9 mm	0004467600	INR 10,094
DB 1.2	Single block, Eppendorf tubes, Ø 11.5 mm	0004467700	INR 8,402
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800	INR 8,402
DB 1.4	Single block, VWR   Eppendorf tubes, Ø 11.5 mm	0004467900	INR 8,402
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000	INR 8,402



DB 3.2

**COMBINATION BLOCKS**

DB 3.1	Single block, test tube comb., 6   12   13   25 mm	0004468300	INR 12,000
DB 3.2	Single block, centrifuge comb., 1.5   15   50 ml	0004468400	INR 9,919
DB 3.3	Single block, microtube comb., 0.5   1.5   2 ml	0004468500	INR 9,620



DB 4.6

**STANDARD TEST TUBES**

DB 4.1	Single block, round tubes, Ø 8.3 mm	0004468600	INR 10,509
DB 4.2	Single block, round tubes, Ø 10.7 mm	0004468700	INR 10,385
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800	INR 9,620
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900	INR 9,898
DB 4.5	Single block, round tubes, Ø 17.5 mm	0004469000	INR 10,094
DB 4.6	Single block, round tubes, Ø 21 mm	0004469100	INR 9,919
DB 4.7	Single block, round tubes, Ø 26.2 mm	0004469200	INR 9,977
DB 4.8	Single block, round tubes, Ø 35 mm	0004469300	INR 9,286
DB 4.9	Single block, round tubes, Ø 19.1 mm	0004469400	INR 13,563



DB 5.1

Product	Description	Ident. No.	Price
<b>VIALS</b>			
DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500	INR 10,094
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600	INR 10,094
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700	INR 10,230
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800	INR 9,286
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900	INR 9,744
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000	INR 9,286
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100	INR 9,744
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200	INR 9,744
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300	INR 9,620



DB 6.3

Product	Description	Ident. No.	Price
<b>STANDARD TEST TUBES</b>			
DB 6.1	Single block, 10 x 8 PCR tube strips, Ø 6.4 mm	0004470400	INR 10,899
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500	INR 11,436
DB 6.3	Double block, 1 x 96-Well PCR plate, Ø 6.4 mm	0004470600	INR 11,669
DB 7.1	Double block, 96- or 384-Well-plate	0004470800	INR 17,985
DB 8.1	Single block, 2 x 6 cuvettes, Ø 12.5 mm	0004470700	INR 9,686



DB 8.1

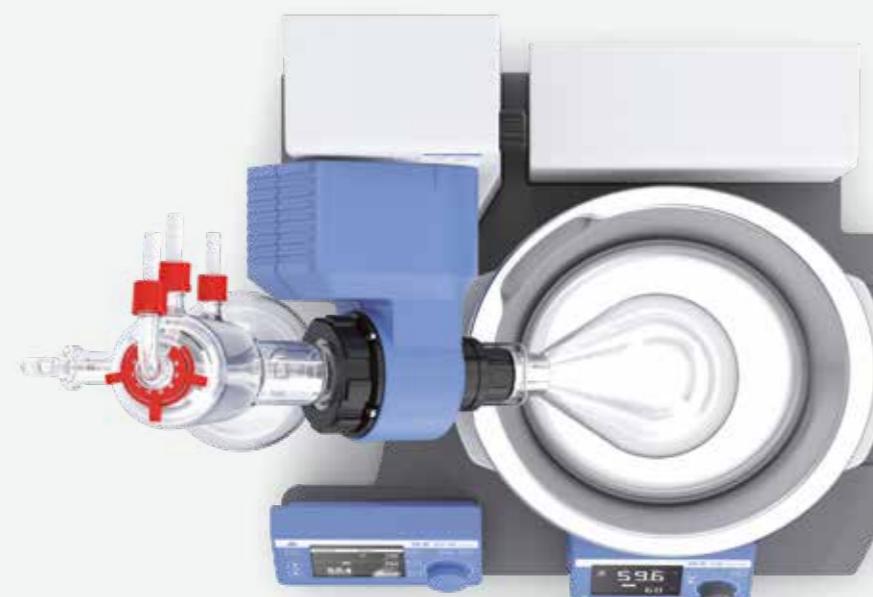
Product	Description	Ident. No.	Price
<b>TEMPERATURE SENSOR</b>			
PT 1000.60	Temp. sensor, stn. steel	0003516800	INR 10,931
PT 1000.90	Temp. sensor, coated	0004480600	INR 19,491

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

INR 87,500

Ident. No. 0020015802

Now with 4 l capacity



### HB digital

INR 1,37 876

Ident. No. 0020015800

Heating tempera-ture up to 180 °C



### HBR 4 control

INR 4,12,122

Ident. No. 0020003549

Integrated magnetic stirrer drive



Name	Ident. No.	Price
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#### ACCESSORIES HBR 4 CONTROL

H 240	Ring set	0002858700	INR 56,022
H 159	Intermediate bottom	0001809700	INR 25,526



H 240



H 159

#### TECHNICAL DATA

	HB ECO   DIGITAL	HBR 4 CONTROL
Heating temperature max.	99 °C   180 °C	200 °C
Filling volume max.	4 l	3 l
Filling point min.	60 mm	20 mm
Heat output	1400 W   1350 W	1000 W
Safety circuit	109 °C   50 – 190 °C	50 – 210 °C
Heat control	Turning knob   LCD	LCD
Inner diameter	225 mm	200 mm
Dimensions (W x H x D)	330 x 190 x 325 mm	340 x 250 x 340 mm
Protection class according to DIN EN 60529	IP 21	IP 20

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

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. The temperature profiles 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

INR 2,21,000

Ident. No. 0020003215



### Oven 125 basic - dry glass

INR 2,29,000

Ident. No. 0020003956

### Oven 125 control - dry

INR 2,75,200

Ident. No. 0020003990



### Oven 125 control - dry glass

INR 3,00,000

Ident. No. 0020003996

Product	Ident. No.	Price
<b>ACCESSORIES</b>		
IO T 1.10 enhanced wire grid tray	0020007600	INR 24,423
IO F 1.10 roller frame	0020007601	INR 85,786
IO B 1.10 roller box	0020007602	INR 98,059
IO P 1.10 table top work plate	0020007603	INR 85,786
IO F 1.20 spacer frame	0035001326	INR 48,968
PT 100.31 temp. sensor	0020009564	On request



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

IKA rotary evaporators set new standards for safety, efficiency and ease of use. These products offer excellent distilling solutions. All IKKA RV 10 evaporators are equipped with an automated lift including a safety stop function. More safety features are: interval operation, smooth start, end position recognition, automated lift-out in case of power outage as well as a timer function.



## RV 10 AUTO PRO

/// The flagship

RV 10 auto pros' features include an innovative handling concept with a bright, high-contrast TFT color display, an integrated vacuum controller, cooling water monitoring and mature safety standards.

**EFFICIENT AND COST-EFFECTIVE OPERATIONS**  
These include automatic control of the vacuum and cooling water volume.

### INNOVATIVE FEATURES

Smooth start, interval mode, right-left operation in interval mode, and the timer function for time-lapse tests make everyday work in the laboratory much easier.

### SAFETY FEATURES

Safety is ensured by the motorized lift with safety stop function. Additional safety for users is provided by e.g. individually adjustable temperature safety circuits, protection against boiling dry and adjustable end-point recognition to prevent glass breakage.

① **RV 3 V**

INR 2,40,799

Ident. No. 0010003502

② **RV 3 V-C**

INR 2,41,335

Ident. No. 0010003503

③ **RV 3 FLEX**

INR 1,83,655

Ident. No. 0010003504

① **RV 8 V**

INR 2,44,744

Ident. No. 0010003587

② **RV 8 V-C**

INR 2,96,280

Ident. No. 0010003588

③ **RV 8 FLEX**

INR 2,27,600

Ident. No. 0010003589



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 – 90 °C	RT – 180 °C
Type of cooling	Vertical	Vertical
Cooling surface	1500 cm <sup>2</sup>	1500 cm <sup>2</sup>
Soft start	Yes	Yes
Head angle adjustable	0 to 45 °	0 to 45 °
Stroke displacement	150 mm, manual	120 mm, manual
Vacuum controller	Optional	Optional
Dimensions (W x H x D) without glass parts	440 x 530 x 330 mm	510 x 490 x 345 mm
Protection class acc. to DIN EN 60529	IP 20	IP 20

## ROTARY EVAPORATORS | RV 10 digital

## ① RV 10 digital V

INR 3,23,116

Ident. No. 0010004799

## ② RV 10 digital V-C

INR 3,74,508

Ident. No. 0010004802

## ③ RV 10 digital FLEX

INR 3,10,011

Ident. No. 0010004805



## TECHNICAL DATA

## RV 10 DIGITAL

Motor type	Brushless DC drive motor
Speed range	20 – 280 rpm
Speed display	Digital
Clockwise and counter-clockwise	Yes
Heating temperature range	RT – 180 °C
Type of cooling	Vertical
Cooling surface	1500 cm <sup>2</sup>
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 × 410 mm
Protection class acc. to DIN EN 60529	IP 20



## ROTARY EVAPORATORS | RV 10 auto

## ① RV 10 auto V

INR 5,39,397

Ident. No. 0010004835

## ② RV 10 auto V-C

INR 5,90,933

Ident. No. 0010004838

## ③ RV 10 auto FLEX

INR 5,22,680

Ident. No. 0010004841

## ④ RV 10 auto pro V

INR 6,83,118

Ident. No. 0010004815\*

## ⑤ RV 10 auto pro V-C

INR 7,34,511

Ident. No. 0010004812\*

## ⑥ RV 10 auto pro FLEX

INR 6,62,709

Ident. No. 0010004818\*

\*Pro packages include VACSTAR digital



## TECHNICAL DATA

## RV 10 AUTO

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
Soft start	Yes
Head angle adjustable	0 to 45 °
Stroke displacement	140 mm, motorized
Setting of lower end stop	60 mm, contact free
Vacuum controller	Integrated
Dimensions (W × H × D) without glass parts	500 × 430 × 410 mm
Protection class acc. to DIN EN 60529	IP 20





RV 10.1

RV 10.2



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
<b>ACCESSORIES RV 10, RV 8, RV 3</b>			
RV 10.1 eco	Set of glassware, vertical	0020015699	INR 48,734
RV 10.10	Set of glassware, vertical, coated	0003755400	INR 93,614
RV 10.1 enlarged surface	Vertical-condenser, enlarged surface	0020019652	On request
RV 10.10 enlarged surface	Vertical-condenser, coated, enlarged surface	0020019654	On request
RV 10.2	Set of glassware, diagonal	0003755300	INR 55,881
RV 10.20	Set of glassware, diagonal, coated	0003755500	INR 75,270
RV 10.3	Vertical-intensive condenser, manifold	0003741000	INR 67,337
RV 10.30	Vertical-intensive condenser manifold, coated	0003741100	INR 99,514
RV 10.4	Dry ice condensor	0003742000	INR 92,575
RV 10.40	Dry ice condensor, coated	0003742100	INR 1,16,097
RV 10.5	Vertical-condenser, reflux	0003743000	INR 1,21,722
RV 10.50	Vertical-condenser, reflux, coated	0003743100	INR 1,27,259
RV 10.6	Vertical-intensive condenser, reflux	0003744000	INR 1,12,806
RV 10.60	Vertical-intensive condenser, reflux, coated	0003744100	INR 1,38,870
RV 05.10	Balljoint clamp	0000736600	INR 1,953
RV 10.88	Clamp, NS 29	0003683300	INR 1,425
RV 10.400	Evaporation cylinder, NS 29/32, 500 ml	0003738800	INR 43,684
RV 10.401	Evaporation cylinder, NS 29/32, 1500 ml	0003738900	INR 45,162
RV 10.500	Foam brake, NS 29/32	0003739200	INR 8,688
RV 10.600	Distilling spider, NS 29/32, 6 sleeves	0003739400	INR 28,300
RV 10.601	Distilling spider, NS 29/32, 12 sleeves	0003739500	INR 61,094
RV 10.602	Distilling spider, NS 29/32, 20 sleeves	0003739600	INR 95,110
RV 10.610	Distilling sleeve, 20 ml	0003919400	INR 1,197
RV 10.606	Distilling spider with 5 flasks, 50 ml	0003740800	INR 38,041
RV 10.607	Distilling spider with 5 flasks, 100 ml	0003740900	INR 43,569
RV 10.90	Evaporation flask, NS 24/29, 50 ml	0003741200	INR 1,701
RV 10.91	Evaporation flask, NS 24/29, 100 ml	0003741300	INR 2,060
RV 10.80	Evaporation flask, NS 29/32, 50 ml	0003740100	INR 1,579
RV 10.800	Evaporation flask, coated, NS 29/32, 50 ml	0020005330	INR 7,050
RV 10.81	Evaporation flask, NS 29/32, 100 ml	0003740200	INR 2,238
RV 10.810	Evaporation flask, coated, NS 29/32, 100 ml	0020005331	INR 7,050
RV 10.82	Evaporation flask, NS 29/32, 250 ml	0003740300	INR 4,639
RV 10.820	Evaporation flask, coated, NS 29/32, 250 ml	0020005332	INR 13,240
RV 10.83	Evaporation flask, NS 29/32, 500 ml	0003740400	INR 3,949
RV 10.830	Evaporation flask, coated, NS 29/32, 500 ml	0020005333	INR 13,838
RV 10.84	Evaporation flask, NS 29/32, 1000 ml	0003740500	INR 5,013
RV 10.840	Evaporation flask, coated, NS 29/32, 1000 ml	0004221400	INR 14,370
RV 10.85	Evaporation flask, NS 29/32, 2000 ml	0003740600	INR 7,872
RV 10.850	Evaporation flask, coated, NS 29/32, 2000 ml	0020005334	INR 22,505
RV 10.86	Evaporation flask, NS 29/32, 3000 ml	0003740700	INR 12,088
RV 10.860	Evaporation flask, coated, NS 29/32, 3000 ml	0020005335	INR 34,562

Product	Description	Ident. No.	Price
<b>ACCESSORIES RV 10, RV 8, RV 3</b>			
RV 10.100	Receiving flask, KS 35/20, 100 ml	0003742200	INR 3,686
RV 10.101	Receiving flask, KS 35/20, 250 ml	0003742300	INR 3,686
RV 10.102	Receiving flask, KS 35/20, 500 ml	0003742400	INR 4,212
RV 10.103	Receiving flask, KS 35/20, 1000 ml	0003742500	INR 5,013
RV 10.104	Receiving flask, KS 35/20, 2000 ml	0003742600	INR 6,844
RV 10.105	Receiving flask, KS 35/20, 3000 ml	0003742700	INR 11,584
RV 10.200	Receiving flask, coated, KS 35/20, 100 ml	0003743200	INR 13,003
RV 10.201	Receiving flask, coated, KS 35/20, 250 ml	0003743300	INR 13,503
RV 10.202	Receiving flask, coated, KS 35/20, 500 ml	0003743400	INR 12,580
RV 10.203	Receiving flask, coated, KS 35/20, 1000 ml	0003743500	INR 20,840
RV 10.204	Receiving flask, coated, KS 35/20, 2000 ml	0003743600	INR 22,148
RV 10.205	Receiving flask, coated, KS 35/20, 3000 ml	0003743700	INR 19,669
RV 10.300	Powder flask, NS 29/32, 500 ml	0003738200	INR 7,767
RV 10.301	Powder flask, NS 29/32, 1000 ml	0003738300	INR 8,951
RV 10.302	Powder flask, NS 29/32, 2000 ml	0003738400	INR 10,925
RV 10.70	Vapor tube, NS 29/32	0003812200	INR 7,777
RV 10.74	Vapor tube, short, NS 29/32	0003971700	INR 6,653
RV 10.8001	Seal, PTFE, stn. steel	0003907000	INR 8,340
RV 10.3000	Extension plate	0003859000	INR 15,854
<b>ACCESSORIES RV 3</b>			
RV 3.1	Support pole	0025004587	INR 22,014
RV 3.4	Woulff bottle	0025004588	INR 32,127
RV 10.5005	Hose kit	0020000552	INR 11,044
<b>ACCESSORIES RV 8</b>			
RV 8.1	Support pole	0004438500	INR 11,044
RV 8.2	Mechanical end stop for RV 8	0025001342	INR 5,599
RV 8.3	Stand pole	0025004707	INR 12,943
RV 10.5005	Hose kit	0020000552	INR 11,044
<b>ACCESSORIES VALVE RV 10 AUTO</b>			
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	INR 44,536
RV 10.5001	Choke water valve	0003902700	INR 59,840
RV 10.5002	Filter	0003903800	INR 7,441
RV 10.5003	Pressure regulating valve	0003907100	INR 23,865



RV 10.5003

The IKA centrifuges are ideal for applications which do not require ultra high speeds, e.g. microfiltrations 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 US

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.

IKA mini G

INR 40,607

Ident. No. 0003958000



\*Adapters included in delivery

IKA G-L

INR 1,50,00

Ident. No. 0030001173



Product	Ident. No.	Price
<b>ACCESSORIES IKA G-L</b>		
IKA G-L, PCR Set	0030001345	INR 24,722
IKA G-L, Adapter PCR tube	0030001346	INR 1,118
IKA G-L, Adapter 0.5 ml tube	0030001347	INR 1,118
IKA G-L, Adapter 0.4 ml tube	0030001334	INR 1,118



IKA G-L, PCR Set

TECHNICAL DATA	IKA MINI G	IKA G-L
Capacity	8 × 2.0 ml	12 × 1.5 / 2.0 ml
Centrifugal acceleration	2000 G	16 500 G
Speed range	6000 rpm	800 – 15 700 rpm
Motor rating input	12 W	65 W
Speed deviation	5 %	5 %
Quick stop	Yes	Yes
Cover opening	Automatic	Automatic
Protective cover	Yes	Yes
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 single fix and vario pipettes can be used for many applications in the modern laboratory. Colour coding simplifies the rapid selection of a suitable pipette. Resistance to impact, UV and chemicals ensures that the tip cone provides long-term reliable dosing. The IKA PETTE fix and vario are fully autoclavable, therefore ensuring easy sterilization. This guarantees fault-free, precise and safe operation.

### IKA PETTE fix

/// Simple liquid handling for fixed volumes

#### 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

INR 11,800

Ident. No. 0020011219

② IKA PETTE fix 10 µl

INR 11,800

Ident. No. 0020011220

③ IKA PETTE fix 20 µl

INR 11,800

Ident. No. 0020011221

④ IKA PETTE fix 25 µl

INR 11,800

Ident. No. 0020011222

⑤ IKA PETTE fix 50 µl

INR 11,800

Ident. No. 0020011223

⑥ IKA PETTE fix 100 µl

INR 11,800

Ident. No. 0020011224

⑦ IKA PETTE fix 200 µl

INR 11,800

Ident. No. 0020011225

⑧ IKA PETTE fix 250 µl

INR 11,800

Ident. No. 0020011226

⑨ IKA PETTE fix 500 µl

INR 11,800

Ident. No. 0020011227

⑩ IKA PETTE fix 1000 µl

INR 11,800

Ident. No. 0020011228



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## PIPETTES | IKA PETTE vario

## ① IKA PETTE vario 0.1 – 2 µl

INR 17,500  
Ident. No. 0020011210

## ② IKA PETTE vario 0.5 – 10 µl

INR 17,500  
Ident. No. 0020011211

## ③ IKA PETTE vario 2 – 20 µl

INR 17,500  
Ident. No. 0020011213

## ④ IKA PETTE vario 10 – 100 µl

INR 17,500  
Ident. No. 0020011214

## ⑤ IKA PETTE vario 20 – 200 µl

INR 17,500  
Ident. No. 0020011215

## ⑥ IKA PETTE vario 100 – 1000 µl

INR 17,500  
Ident. No. 0020011216

## ⑦ IKA PETTE vario 0.5 – 5 ml

INR 17,500  
Ident. No. 0020011217

## ⑧ IKA PETTE vario 1 – 10 ml

INR 17,500  
Ident. No. 0020011218



IKA PETTE VARIO	MAX. VOLUME TIP
①	0.1 – 2 µl
②	0.5 – 10 µl
③	2 – 20 µl
④	10 – 100 µl

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

## PIPETTES | Accessories

Product	Description	Ident. No.	Price
<b>ACCESSORIES</b>			
LINEA	Pipette rack	0020018987	INR 6,820
Tip xs bag	Pipette tip, 10 µl, transparent, 10 000 pcs.	0020017816	INR 4,843
Tip xs tray	Pipette tip, 10 µl, transparent, 2304 pcs.	0020017818	INR 3,855
Tip xs box +	Filter tip, 10 µl, sterile, transparent, 1920 pcs.	0020017820	INR 1,483
Tip s bag	Pipette tip, 200 µl, transparent, 10 000 pcs.	0020017822	INR 1,483
Tip s tray	Pipette tip, 200 µl, transparent, 1920 pcs.	0020017823	INR 3,262
Tip s box +	Filter tip, 200 µl, sterile, transparent, 1920 pcs.	0020017824	INR 1,483
Tip m bag	Pipette tip, 1000 µl, transparent, 5000 pcs.	0020017826	INR 791
Tip m box	Pipette tip, 1000 µl, transparent, 1000 pcs.	0020017827	INR 593
Tip m box +	Filter tip, 1000 µl, sterile, transparent, 1000 pcs.	0020017828	INR 1,483
Tip l bag	Pipette tip, 5 ml, transparent, 2500 pcs.	0020017829	INR 2,965
Tip l box	Pipette tip, 5 ml, transparent, 500 pcs.	0020017830	INR 1,878
Tip xl bag	Pipette tip, 10 ml, transparent, 1000 pcs.	0020017831	INR 6,425
Tip xl box	Pipette tip, 10 ml, transparent, 250 pcs.	0020017832	INR 1,878
Pipette tip box xs/s	Stacking box, 6 pcs.	0020017834	INR 1,483
Refill tray xs	Refill tray, 25 pcs.	0020017836	INR 494
Refill tray s	Refill tray, 25 pcs.	0020017837	INR 494
Pipette tip box l	Stacking box, 10 pcs.	0020017892	INR 1,483



IKA LINEA



Pipette tips

## SOFTWARE

## Pipette Calibration Software

Ident. No. 0020022141



IKA provides an user-friendly calibration software for planning, performing and recording all calibration tests.



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 CONTROL SYSTEM

/// Reactor with weighing function and cooling water control

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 basic Package

INR 4,52,905

Ident. No. 0008040100



With just one base unit  
multiple vessels can be  
used!

### LR 1000 control System

INR 8,63,056

Ident. No. 0025001991



#### 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
Heat control accuracy	± 1 K	± 1 K
Heat output	1000 W	1000 W
Dimensions (W × H × D)	443 × 360 × 295 mm	443 × 360 × 295 mm

\* PT 100.30 included in the delivery

**LR-2.ST**  
The High-Performer

**INR 9,74,076**  
Ident. No. 0020013291

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



**LR-2.ST**  
The Allrounder

**INR 8,86,456**  
Ident. No. 0020013292

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



**LR-2.ST**  
The Versatile

**INR 8,49,214**  
Ident. No. 0020013293

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



**LR-2.ST**  
The Compact Power

**INR 8,04,213**  
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
Height of telescopic stand	620 – 1010 mm
Dimensions (W × H × D)	460 × 1240 × 430 mm

**LR-2.ST STARVISC 200**  
/// Stirs and displays viscosity

The reactor system is particularly helpful during product development, because the torque-measurement stirrer STARVISC 200-2.5 control already clearly indicates while running research programs as to whether the stirred substance can be used as desired. The system is particularly characterized by the agitator mounting, which allows for a safe transfer of the higher motor torque. In combination with STARVISC it is possible to intensively stir even highly viscous substances and at the same time display their viscosity.

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**

**Price on request**  
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
Telescope stand stroke	620 – 1010 mm
Dimensions (W × H × D)	460 × 1240 × 430 mm



WiCo LR 1000

LR 1000.1



LR 1000.10



LR 1000.20



LR 1000.41



LR 1000.64

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR 1000</b>			
WiCo LR 1000	Wireless controller	0020007267	INR 50,548
LR 1000.1	Reactor vessel, 1000 ml, FKM sealings, 4 connectors	0003602000	INR 2,51,878
LR 1000.3	Reactor vessel, 1000 ml, FKM sealings, 6 connectors	0025001955	INR 3,13,240
LR 1000.10	Anchor stirrer with PEEK scrapers	0004663100	INR 38,807
LR 1000.11	Anchor stirrer, stainless steel	0004663000	INR 22,914
LR 1000.20	Flow breaker / baffle, stainless steel	0004663200	INR 30,306
LR 1000.41	Shaft receptacle	0004664300	INR 42,951
LR 1000.61	Sensor receptacle	0004664400	INR 37,265
LR 1000.62	Sensor receptacle GL 14	0020010508	INR 40,031
LR 1000.64	pH electrode	0004663300	INR 74,295
LR 1000.65	pH electrode receptacle	0004663400	INR 66,414
LR 1000.70	Lid holder	0025003123	INR 20,925
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	INR 51,484
Holder MV 1	Holder for cooling water control valve	0020019816	On request

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR-2.ST</b>			
LR-2.SI	Safety stop	0003318300	INR 72,621
LR 2000.10	Anchor stirrer with PEEK scraper	0002508400	INR 1,09,242
LR 2000.11	Anchor stirrer, stainless steel	0002509500	INR 50,897
LR 2000.20	Flow breaker / baffle, stn. steel	0002508500	INR 49,966
LR 2.1	Glass reactor vessel, single-walled, 2000 ml	0003070000	INR 62,794
LR 2000.1	Glass reactor vessel, double-walled, 2000 ml	0002508300	INR 2,82,520
LR 2000.2	Glass reactor vessel, double-walled, bot.drain 2000 ml	0002509600	INR 4,51,471
LR 2000.3	Stainless steel reactor vessel, double-walled, 2000 ml	0002509700	INR 4,06,659
LR 2000.4	Stainless steel reactor vessel, double-walled, bot. drain, 2000 ml	0003064900	INR 6,75,005



LR 2.1



LR 2000.1



LR 2000.2



LR 2000.3



LR 2000.4



HBR 4 control LR



T 25 digital LR

Product	Description	Ident. No.	Price
<b>ACCESSORIES LR-2.ST</b>			
LR 2000.40	Shaft receptacle	0002509200	INR 44,380
LR 2000.60	Sensor receptacle	0002509300	INR 40,035
LR 2000.64	pH process electrode	0020010075	INR 1,51,760
LR 2000.65	pH measuring sensor receptacle	0003172600	INR 65,483
LR-2.SP	Splinter shield	0003326400	INR 33,517
LT 5.23	Hose adapter set	0002235000	INR 12,842
LT 5.24	Hose adapter	0002578100	INR 29,277
LT 5.25	Lock coupling set	0020000878	INR 40,241
LT 5.26	Lock adapter set	0020000879	INR 27,621
LT 5.27	Hose adapter set	0020000880	INR 40,241
H 68.55	Temp. sensor, stn. steel, d: 8 mm	0025001479	INR 21,724
HBR 4 control LR	Heating bath, 4 l	0010001849	INR 3,92,386
PT 1000.61	Temperature sensor, Ø 6 mm	0020009881	INR 33,090

Product	Description	Ident. No.	Price
<b>ACCESSORIES LABORATORY REACTORS</b>			
T 25 digital LR	Disperser	0020008820	INR 1,51,139
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	INR 1,93,095
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	INR 1,81,015
S 25 KV - 26 LR	Dissolver stirrer, high speed	0020015397	INR 2,33,868

**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 IKА 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 IKА 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	-0.5 to 2.5 bar	-1 to 2.5 bar
Useful volume	2 l	2 l	2 l
Stirring tool	Anchor and propeller	Anchor	Spiral
Speed range	0 – 2000 rpm	0 – 2000 rpm	0 – 350 rpm

**Algaemaster 10 control**

Price on request  
Ident. No. 0020009577

**ALGAEMASTER 10 CONTROL**

/// Growing algae made easy

Algae are becoming increasingly interesting for different industries. The IKА 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
38 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



Manufacturers with interface devices compatible to labworldsoft®

### labworldsoft® 6 Starter

INR 3,01,801  
Ident. No. 0020019397

### labworldsoft® 6 Pro

INR 6,88,726  
Ident. No. 0020017366

### labworldsoft® 6 Starter Update

INR 60,360  
Ident. No. 0020019398

### labworldsoft® 6 Starter Upgrade

INR 3,86,925  
Ident. No. 0020019399

### labworldsoft® 6 Pro Update

INR 1,37,745  
Ident. No. 0020018014



Expert Key 100 eco



Expert Key 100 pro



PC 4.1

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.

### C 6040 Calwin

Price on request  
Ident. No. 0004040500



Product	Description	Ident. No.	Price
Expert Key 100 eco	Data collection system for laboratories	0020005486	INR 3,92,012
Expert Key 100 pro	Data collection system for industries	0020005485	INR 4,14,369
Multi Power Switch	Switchable multiple connection plug board	0020003454	INR 8,493
MV 1 power plug	Cooling water valve with power plug	0010001655	INR 52,612
RV 10 A 1	Adapter valve for Expert Key	0020004314	INR 11,563
PT 100.1 A 1	Adapter LEMO for Expert Key	0020004315	INR 6,902
PT 1000 A 1	Adapter DIN 6 for Expert Key	0020004316	INR 7,924
PT 100.10 A 1	Adapter DIN 5 for Expert Key	0020004317	INR 3,085
PC 1.1	Cable, L 3 m	0002616700	INR 3,696
PC 1.5	Cable, L 2.5 m	0002756000	INR 3,601
PC 2.1	Cable, L 5 m	0002700700	INR 1,752
DTM 12.10	Data cable, L 2.5, 9 pins (F)	0003127800	INR 34,045
PC 1.2	Adapter, 25 pins	0002616800	INR 6,059
PC 1.4	Adapter, 9 pins (F), 15 pins (M)	0002755900	INR 8,255
PC 2.2	Adapter, 9 pins (F), 25 pins (M)	0002753200	INR 6,059
PCI 8.2	Plug-in card, 25 pins	0008017500	INR 1,40,089
PC 4.1	RS 232 Server	0003192000	INR 1,97,467

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. 0010002412

**C 1 Package 1/12**

Price on request  
Ident. No. 0010002415

**C 1 Package 2/10**

Price on request  
Ident. No. 0010002413

**C 1 Package 2/12**

Price on request  
Ident. No. 0010002416

**C 1 Package 3/10**

Price on request  
Ident. No. 0010002414

**C 1 Package 3/12**

Price on request  
Ident. No. 0010002417

**C 200**

Price on request  
Ident. No. 0008802500

**C 200 h**

Price on request  
Ident. No. 0008803700

**C 200 auto**

Price on request  
Ident. No. 0010002379

**C 200 h auto**

Price on request  
Ident. No. 0010002387

**TECHNICAL DATA**

	<b>C 1</b>	<b>C 200   C 200 H</b>
Measuring range max.	40 000 J / 9560 cal	40 000 J / 9560 cal
Temperature measurement resolution	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 Pfaudler) 4	Isoperibol 3, Dynamic 7 Manual 3, Time-controlled 4
Start temperature setting	2 possibilities: 22 °C or 30 °C	18 – 25 °C
Reproducibility static jacket (1g benzoic acid NBS39i)	0.15 % RSD	Isoperibol 0.1 % RSD Dynamic 0.1 % RSD Manual (Isoperibol) 0.1 % RSD Time-controlled 0.1 % RSD
Number of possible decomposition vessels per device	up to 2	up to 4
Dimensions closed (W × H × D)	290 × 280 × 300 mm	400 × 400 × 400 mm



**C 3000 isoperibol**  
Price on request  
Ident. No. 0020015596

**C 3000 isoperibol**  
**Package 1/10 plus**

Price on request  
Ident. No. 0010003635

**C 3000 isoperibol**  
**Package 2/10**

Price on request  
Ident. No. 0010003367

**C 3000 isoperibol**  
**Package 1/12 plus**

Price on request  
Ident. No. 0010003636

**C 3000 isoperibol**  
**Package 2/12**

Price on request  
Ident. No. 0010003368

## C 3000

### /// The advanced successor

The IKA C 3000 isoperibol calorimeter is the technologically advanced successor of the IKA C 2000 model, with great new features such as faster sample runs, a spherically shaped decomposition vessel for faster heat transfer and a convenient touch screen for easy operation. Both oxygen filling and water handling are fully automated.

Its measurements and calculations of net calorific value are according to ISO 1928, ASTM D4809, ASTM D5865, ASTM 240 and GB T213. Areas of application include the power and cement industry where accurate analyses are vital.



TECHNICAL DATA	C 6000
Measuring range max.	40 000 J / 9560 cal
Temperature measurement resolution	0.0001 K
Display	TFT with touch screen
Oxygen operating pressure max.	40 bar
Reproducibility (1g benzoic acid NBS39i)	0.05 to 0.15 % RSD
Measurements per hour	Isoperibol 4 Dynamic 6 Adiabatic 5
Number of possible decomposition vessels per device	up to 4
Dimensions (W × H × D)	500 × 450 × 450 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 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 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 2/10**

Price on request  
Ident. No. 0010004522

**C 6000 global standards**  
**Package 2/12**

Price on request  
Ident. No. 0010004523

#### TECHNICAL DATA

Measuring range max.	40,000 J / 9,560 cal
Temperature measurement resolution	0.0001 K
Display	TFT with touch screen
Oxygen operating pressure max.	40 bar
Measurements per hour	Isoperibol 4 Dynamic 6
Reproducibility (1g benzoic acid NBS39i)	0.05 to 0.15 % RSD
Number of possible decomposition vessels per device	up to 4

#### C 3000 ISOPERIBOL



## AOD 1

Price on request  
Ident. No. 0008801300

#### TECHNICAL DATA

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	10 kg
Dimensions (W × H × D)	400 × 480 × 260 mm
Power input	45 W



C 1.12



C 1.20



C 1.50



C 6010



C 6030



C 21

Product	Description	Ident. No.	Price
<b>ACCESSORIES AND CONSUMABLES C 1</b>			
C 1/10	Food add on Package for C 1	0010001917	On request
C 1.20	Water heater	0004501000	On request
C 1.10	Combustion chamber	0004500300	On request
C 1.12	Combustion chamber, halogen resistant	0004500400	On request
C 1.50	Dot matrix printer	0004500600	On request
C 1.30	Venting station	0004500900	On request
C 1.1012	Organizer	0004500700	On request
C 1.101	Set of spare parts, approx. 1000 experiments	0004502200	On request
C 1.121	Set of spare parts, approx. 1000 experiments	0004502300	On request
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	On request
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	On request
<b>ACCESSORIES AND CONSUMABLES C 3000, C 6000</b>			
C 6010	Decomposition vessel, standard	0003770000	On request
C 6012	Decomposition vessel, halogen resistant	0004504000	On request
C 6010.10	Combustion shield	0020007518	On request
C 1.50	Dot matrix printer	0004500600	On request
C 6030	Venting station	0004504100	On request
C 60.1012	Organizer	0004504200	On request
C 6000.10	Set of spare parts, approx. 1000 experiments	0004504300	On request
C 6000.12	Set of spare parts, approx. 1000 experiments	0004504400	On request
C 1.103	Ignition wire, standard, Kanthal, 5 pcs.	0004579300	On request
C 1.123	Ignition wire, platinum, 2 pcs.	0004500200	On request
<b>ACCESSORIES ALL CALORIMETERS</b>			
C 27	Calorimeter preparation set	0004579700	On request
C 29	Pressure gauge, oxygen	0000750200	On request
C 21	Pelleting press	0001605300	On request
C 5010.8	Crucible holder, small	0004579800	On request
C 5010.5	Crucible holder, big	0003055900	On request
Regulator	Indigenous	0004110600	On request
Pellet Press	Indigenous	0004110700	On request
Water Chiller	Indigenous	0004110900	On request
RC 2 basic	Recirculating Chiller	0020011150	On request



C 200.RC



C 248



C 5010



C 5020



C 48



C 7010.8



C 5010.5

Product	Description	Ident. No.	Price
<b>ACCESSORIES C 200</b>			
C 200.RC	Set of hoses	0020010835	On request
C 248	Oxygen station	0003520000	On request
C 200.1	Measuring cup, 2000 ml	0003548900	On request
C 200.2	Conversion kit for C 5012	0004028800	On request
<b>ACCESSORIES C 2000</b>			
C 5010	Decomposition vessel, standard	0007114000	On request
C 5012	Decomposition vessel, halogen resistant	0007215000	On request
C 5030	Venting station	0007198000	On request
C 5010.4	Attachment for combustible crucible C 14	0003016900	On request
C 26	Prep stand	0008804000	On request
<b>ACCESSORIES C 3000, C 6000</b>			
C 5020	Sample rack	0007145000	On request
<b>ACCESSORIES C 1, C 3000, C 6000</b>			
C 25	Pressure regulating valve	0003197200	On request
<b>ACCESSORIES C 7000</b>			
C 7000	Measurement cell	0003008000	On request
C 7010	Decomposition vessel, standard	0003015000	On request
C 7012	Decomposition vessel, halogen resistant	0003017000	On request
C 7002	Cooling system	0007011000	On request
C 48	Oxygen station	0001560000	On request
C 7030	Venting station	0003013300	On request
C 7010.8	Venting handle	0007095000	On request
C 5010.4	Attachment for combustible crucible C 14	0003016900	On request
C 5010.5	Crucible holder, big	0003055900	On request



C 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
<b>CONSUMABLES ALL CALORIMETERS</b>			
C 6000.1	Water protect, 100 ml	0020014031	On request
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	On request
C 710.8	Cotton thread, cut to length, thick, 500 pcs.	0004579900	On request
C 4	Quartz dish	0001695500	On request
C 5	Set of VA combustion crucibles, 25 pcs.	0001749500	On request
C 6	Quartz dish, big	0000355100	On request
C 710.2	Set of VA combustion crucibles, big, 25 pcs.	0001483500	On request
C 9	Gelatine capsules, 100 pcs.	0000749900	On request
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	On request
C 12	Combustion bags, 40 x 35 mm, 100 pcs.	0002201400	On request
C 12 A	Combustion bags, 70 x 40 mm, 100 pcs.	0002201500	On request
C 15	Parafilm strips	0003131100	On request
C 16	Parafilm, 1000 x 50 mm	0003801100	On request
C 17	Paraffin, liquid, 30 ml	0003801200	On request
C 43	Benzoic acid, NIST 39j, 30 g	0000750600	On request
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	On request
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	On request
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	On request
AOD 1.12	Control standard oil for F, Br, 50 ml	0003080200	On request

Product	Description	Ident. No.	Price
<b>CONSUMABLES C 200, C 7000</b>			
C 5010.3	Ignition wire, spare, 5 pcs.	0007122800	On request
C 5012.3	Ignition wire, spare, 5 pcs.	0002994900	On request
C 14	Combustible crucibles, 100 pcs.	0007224500	On request

Product	Description	Ident. No.	Price
<b>ACCESSORIES AOD 1</b>			
AOD 1.1	Decomposition vessel	0003303000	On request
AOD 1.2	External ignition unit	0003348000	On request
AOD 1.3	Protection device	0003308000	On request
AOD 1.13	Remote ignition head	0003348100	On request
C 48	Oxygen station	0001560000	On request
C 7030	Venting station	0003013300	On request
C 21	Pelleting press	0001605300	On request
C 29	Pressure gauge, oxygen	0000750200	On request
C 5010.4	Attachment for combustible crucible C 14	0003016900	On request
<b>CONSUMABLES AOD 1</b>			
C 4	Quartz dish	0001695500	On request
C 9	Gelatine capsules, 100 pcs.	0000749900	On request
C 10	Acetobutyrate capsules, 100 pcs.	0000750000	On request
C 12	Combustion bags, 40 x 35 mm, 100 pcs.	0002201400	On request
C 12 A	Combustion bags, 70 x 40 mm, 100 pcs.	0002201500	On request
C 14	Combustible crucibles, 100 pcs.	0007224500	On request
C 15	Parafilm strips	0003131100	On request
C 5012.3	Ignition wire, platinum, 2 pcs.	0002994900	On request
C 710.4	Cotton thread, cut to length, 500 pcs.	0001483700	On request
AOD 1.11	Control standard oil for S, Cl, 50 ml	0003044000	On request
AOD 1.12	Control standard oil for F, Br, 50 ml	0003080200	On request
C 723	Benzoic acid, blister package, 50 pcs.	0003243000	On request
C 723 Big Pack	Benzoic acid, blister package, 450 pcs.	0003717400	On request



AOD 1.2



AOD 1.1



AOD 1.3

**C 6040 Calwin**

Price on request

Ident. No. 0004040500\*

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

## MECHANICAL ACCESSORIES



Product	Description	Ident. No.	Price
<b>FIXING ELEMENTS</b>			
H 44	Boss head clamp	0002437700	INR 1,304
R 200	Clamp for T 10 basic and R 104	0003372000	INR 2,980
R 182	Boss head clamp, clamping range Ø 6 – 16 mm	0002657700	INR 3,738
R 270	Boss head clamp, clamping range Ø 25 – 36 mm	0002657800	INR 9,839
R 271	Boss head clamp, clamping range Ø 34 mm	0002664000	INR 6,355
R 350	Universal clamp	0001752900	INR 11,065
RH 3	Strap clamp for stand Ø 8 – 16 mm	0003008600	INR 7,102
RH 5	Strap clamp for stand Ø 25 – 36 mm	0003159000	INR 30,361
LABLIFT m	Manual scissor lift	0004022400	INR 29,923
<b>STANDS</b>			
R 104	Stand for T 10 basic, H 370 mm	0003386000	INR 13,943
R 1825	Plate stand, H 560 mm	0003160000	INR 12,424
R 1826	Plate stand, H 800 mm	0003160100	INR 12,424
R 1827	Plate stand, H 1000 mm	0003160200	INR 16,248
R 2722	H-stand, 1010 mm	0001412000	INR 52,807
R 2723	Telescopic stand, H 620 – 1010 mm	0001412100	INR 72,075
T 653	Telescopic stand, H 1200 mm	0001608000	INR 1,42,890
R 474	Telescopic stand, H 1200 mm	0001643000	INR 2,11,258
R 472	Floor stand, H 2020 mm	0000738700	INR 3,11,534
R 2850	Floor stand, H 1900 mm	0020002900	INR 4,70,811
R 6547 H	Floor stand, hydraulic	0020018378	On request
R 6547.1	Container clamping device for R 6547 H / E floor stand	0020018383	On request

## ELECTRONIC ACCESSORIES

Product	Description	Ident. No.	Price
<b>ELECTRONIC ACCESSORIES</b>			
ALMEMO 2490	Temperature measuring instrument	0004709300	INR 1,83,608
R 2850.SI	Safety stop	0020010623	On request
IKA [scale]	Stand with weighing function	0025004318	INR 79,601
R 6547 E 400V	Floor stand, electrohydraulics	0020018384	On request
<b>ACCESSORIES ALMEMO</b>			
ALMEMO USB cable	USB cable	0004709400	INR 37,581
PT 100.23	Temp. sensor, stn. steel	0003122100	INR 31,925
PT 100.24	Temp. sensor, stn. steel, coated	0003122200	INR 31,016
PT 100.25	Temp. sensor, stn. steel	0003122300	INR 24,871

## IKA [SCALE]

/// The first stand scale of its kind



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

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.

## IKA PACKAGES



C-MAG HS 7 Package



T 18 digital Package

Product	Description	Ident. No.	Price
<b>MAGNETIC STIRRER PACKAGE</b>			
C-MAG HS 7 Package		0009015922	INR 57,840
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	
<b>DISPERSER PACKAGE</b>			
T 18 digital Package		0009022800	INR 1,35,119
T 18 digital	Disperser	0003720000	
S 18 N - 19 G	Dispersing tool	000L004640	

## IKA PACKAGES



ICC basic eco 8



ICC control pro 9



ICC basic eco 18



ICC control pro 20

Product	Description	Ident. No.	Price
<b>HEATING BATH CIRCULATORS</b>			
ICC basic eco 8 Package*		0008034900	INR 1,49,676
ICC basic	Compact immersion circulator	0004134400	
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 Package*		0008035300	INR 2,11,081
ICC control	Compact immersion circulator	0004136600	
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 Package*		0008035100	INR 1,65,026
ICC basic	Compact immersion circulator	0004134400	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC control pro 9 Package*		0008035500	INR 2,26,433
ICC control	Compact immersion circulator	0004136600	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic eco 18 Package*		0008035000	INR 1,63,747
ICC basic	Compact immersion circulator	0004134400	
IB eco 18	Bath vessel, plastic	0004248200	
ICC control eco 18 Package*		0008035400	INR 2,25,152
ICC control	Compact immersion circulator	0004136600	
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 12 Package*		0010000414	INR 1,72,757
ICC basic	Compact immersion circulator	0004134400	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 Package*		0010000415	INR 2,32,901
ICC control	Compact immersion circulator	0004136600	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC basic pro 20 Package*		0008035200	INR 1,82,936
ICC basic	Compact immersion circulator	0004134400	
IB pro 20	Bath vessel, stainless steel	0004248600	
ICC control pro 20 Package*		0008035600	INR 2,44,342
ICC control	Compact immersion circulator	0004136600	
IB pro 20	Bath vessel, stainless steel	0004248600	

\* Bath bridge included in delivery

## IKA PACKAGES



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
<b>COMBINED HEATING BATH CIRCULATORS</b>			
ICC basic eco 8 c Package*		0008035700	<b>INR 1,86,774</b>
ICC basic	Compact immersion circulator	0004134400	
IB eco 8	Bath vessel, plastic	0004248100	
ICC control eco 8 c Package*		0008036100	<b>INR 2,78,882</b>
ICC control	Compact immersion circulator	0004136600	
IB eco 8	Bath vessel, plastic	0004248100	
ICC basic pro 9 c Package*		0008035900	<b>INR 2,04,684</b>
ICC basic	Compact immersion circulator	0004134400	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC control pro 9 c Package*		0008036300	<b>INR 2,96,792</b>
ICC control	Compact immersion circulator	0004136600	
IB pro 9	Bath vessel, stainless steel	0004248500	
ICC basic eco 18 c Package*		0008035800	<b>INR 2,04,684</b>
ICC basic	Compact immersion circulator	0004134400	
IB eco 18	Bath vessel, plastic	0004248200	
ICC control eco 18 c Package*		0008036200	<b>INR 2,95,513</b>
ICC control	Compact immersion circulator	0004136600	
IB eco 18	Bath vessel, plastic	0004248200	
ICC basic pro 12 c Package*		0010000416	<b>INR 2,13,706</b>
ICC basic	Compact immersion circulator	0004134400	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC control pro 12 c Package*		0010000417	<b>INR 2,94,325</b>
ICC control	Compact immersion circulator	0004136600	
IB pro 12	Bath vessel, stainless steel	0004577500	
ICC basic pro 20 c Package*		0008036000	<b>INR 2,25,152</b>
ICC basic	Compact immersion circulator	0004134400	
IB pro 20	Bath vessel, stainless steel	0004248600	
ICC control pro 20 c Package*		0008036400	<b>INR 3,17,261</b>
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

## IKA PACKAGES



ICC control IB R RO 15 eco



ICC control pro 9



IC control pro 20 c

Product	Description	Ident. No.	Price
<b>PACKAGES WITH MAGNETIC STIRRER</b>			
ICC basic IB R RO 15 eco Package		0010002471	<b>INR 5,77,944</b>
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	<b>INR 6,74,268</b>
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	
<b>IMMERSION CIRCULATOR IC PACKAGES</b>			
IC basic pro 12 c Package*		0008039900	<b>INR 3,75,575</b>
IC basic	Immersion circulator	0003861000	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
IC control pro 12 c Package*		0008040000	<b>INR 4,38,792</b>
IC control	Immersion circulator	0003863000	
IB pro 12	Bath vessel, stainless steel	0004577500	
CM.IC	Cover	0004577600	
IC basic pro 20 c Package*		0008036800	<b>INR 3,92,205</b>
IC basic	Immersion circulator	0003861000	
IB pro 20	Bath vessel, stainless steel	0004248600	
CM.IC	Cover	0004577600	
IC control pro 20 c Package*		0008037200	<b>INR 4,55,210</b>
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

## IKA PACKAGES



RV 3 V-C



RV 8 V-C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 3 V Package</b>		0010003502	<b>INR 2,40,799</b>
RV 3 eco	Drive	0020015666	
HB eco	Heating bath	0020015802	
RV 10.1	Set of glassware, vertical	0020015699	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 3 V-C Package</b>		0010003503	<b>INR 2,41,335</b>
RV 3 eco	Drive	0020015666	
HB eco	Heating bath	0020015802	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 3 FLEX Package</b>		0010003504	<b>INR 1,83,655</b>
RV 3 eco	Drive	0020015666	
HB eco	Heating bath	0020015802	
RV 05.10	Balljoint clamp	0000736600	
RV 10.88	Clamp, NS 29	0003683300	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 8 V Package</b>		0010003587	<b>INR 2,44,744</b>
RV 8	Drive	0025003315	
HB digital	Heating bath	00 20015800	
RV 10.1	Set of glassware, vertical	0020015699	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 8 V-C Package</b>		0010003588	<b>INR 2,96,280</b>
RV 8	Drive	0025003315	
HB digital	Heating bath	00 20015800	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 8 FLEX Package</b>		0010003589	<b>INR 2,27,600</b>
RV 8	Drive	0025003315	
HB digital	Heating bath	00 20015800	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 05.10	Balljoint clamp	0000736600	

## IKA PACKAGES



RV 10 digital V-C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 10 digital V Package</b>		0010004799	<b>INR 3,23,116</b>
RV 10 digital	Drive	0003550096	
HB digital	Heating bath	0020015800	
RV 10.1	Set of glassware, vertical	0020015699	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 digital V-C Package</b>		0010004802	<b>INR 3,74,508</b>
RV 10 digital	Drive	0003550096	
HB digital	Heating bath	0020015800	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 digital FLEX Package</b>		0010004805	<b>INR 3,10,011</b>
RV 10 digital	Drive	0003550096	
HB digital	Heating bath	0020015800	
RV 05.10	Balljoint clamp	0000736600	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.88	Clamp, NS 29	0003683300	

## IKA PACKAGES



RV 10 auto V-C

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 10 auto V Package</b>		0010004835	<b>INR 5,39,397</b>
RV 10 auto	Drive	0025003473	
HB digital	Heating bath	0020015800	
RV 10.1	Set of glassware, vertical	0020015699	
RV 10.70	Vapor tube, NS 29/32	0003812200	
RV 10.4002	Magnetic valve laboratory vacuum	0003880300	
<b>RV 10 auto V-C Package</b>		0010004838	<b>INR 5,90,933</b>
RV 10 auto	Drive	0025003473	
HB digital	Heating bath	0020015800	
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	
<b>RV 10 auto FLEX Package</b>		0010004841	<b>INR 5,22,680</b>
RV 10 auto	Drive	0025003473	
HB digital	Heating bath	0020015800	
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	

## IKA PACKAGES

Product	Description	Ident. No.	Price
<b>ROTARY EVAPORATOR PACKAGES</b>			
<b>RV 10 auto pro V Package</b>		0010004815	<b>INR 6,83,118</b>
RV 10 auto	Drive	0025003473	
VACSTAR digital	Pump with analog connection	0020016241	
HB digital	Heating bath	0020015800	
RV 10.1	Set of glassware, vertical	0020015699	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 auto pro V-C Package</b>		0010004812	<b>INR 7,34,511</b>
RV 10 auto	Drive	0025003473	
VACSTAR digital	Pump with analog connection	0020016241	
HB digital	Heating bath	0020015800	
RV 10.10	Set of glassware, vertical, coated	0003755400	
RV 10.70	Vapor tube, NS 29/32	0003812200	
<b>RV 10 auto pro FLEX Package</b>		0010004818	<b>INR 6,62,709</b>
RV 10 auto	Drive	0025003473	
VACSTAR digital	Pump with analog connection	0020016241	
HB digital	Heating bath	0020015800	
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

## IKA PACKAGES

Product	Description	Ident. No.
<b>CALORIMETER PACKAGES</b>		
<b>C 1 Package 1/10 Package*</b>		0010002412
C 1	Calorimeter	0020010860
C 1.10	Decomposition vessel	0004500300
RC 2 basic	Recirculating chiller	0004171000
<b>C 1 Package 2/10 Package*</b>		0010002413
C 1	Calorimeter	0020010860
C 1.10	Decomposition vessel	0004500300
<b>C 1 Package 3/10 Package*</b>		0010002414
C 1	Calorimeter	0020010860
C 1.10	Decomposition vessel	0004500300
C 1.20	Water heater	0004501000
<b>C 1 Package 1/12 Package*</b>		0010002415
C 1	Calorimeter	0020010860
C 1.12	Decomposition vessel, halogen resistant	0004500400
RC 2 basic	Recirculating chiller	0004171000
<b>C 1 Package 2/12 Package*</b>		0010002416
C 1	Calorimeter	0020010860
C 1.12	Decomposition vessel, halogen resistant	0004500400
<b>C 1 Package 3/12 Package*</b>		0010002417
C 1	Calorimeter	0020010860
C 1.12	Decomposition vessel, halogen resistant	0004500400
C 1.20	Water heater	0004501000

\*Price on request



C 1

Product	Description	Ident. No.
<b>CALORIMETER PACKAGES</b>		
<b>C 200 Package*</b>		0008802500
C 200	Measurement cell	0003385000
C 5010	Decomposition vessel	0007114000
C 248	Oxygen filling station	0003520000
<b>C 200 h Package*</b>		0008803700
C 200	Measurement cell	0003385000
C 200.2	Conversion kit	0004028800
C 5012	Decomposition vessel, halogen resistant	0007215000
C 248	Oxygen filling station	0003520000
<b>C 200 auto Package*</b>		0010002379
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
<b>C 200 h auto Package*</b>		0010002387
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

\*Price on request



C 200 auto

## IKA PACKAGES

Product	Description	Ident. No.	Product	Description	Ident. No.																																																																											
<b>CALORIMETER PACKAGES</b>			<b>CALORIMETER PACKAGES</b>																																																																													
<b>C 3000 isoperibol Package 1/10 plus*</b>		0010003635	<b>C 3000 isoperibol Package 1/10 plus*</b>		0010003635																																																																											
C 3000 isoperibol	Measurement cell	0020015596	C 3000 isoperibol	Measurement cell	0020015596																																																																											
C 6010	Decomposition vessel, standard	0003770000	C 6010	Decomposition vessel, standard	0003770000																																																																											
RC 2 basic	Recirculating chiller	0004171000	Regulator	Indigeneous	0004110600																																																																											
Pellet Press	Indigeneous	0004110700	Pellet Press	Indigeneous	0004110700																																																																											
<b>C 3000 isoperibol Package 1/12 plus*</b>		0010003636	<b>C 3000 isoperibol Package 1/12 plus*</b>		0010003636																																																																											
C 3000 isoperibol	Measurement cell	0020015596	C 3000 isoperibol	Measurement cell	0020015596																																																																											
C 6012	Decomposition vessel, halogen resistant	0004504000	C 6012	Decomposition vessel, halogen resistant	0004504000																																																																											
RC 2 basic	Recirculating chiller	0004171000	Regulator	Indigeneous	0004110600																																																																											
Pellet Press	Indigeneous	0004110700	Pellet Press	Indigeneous	0004110700																																																																											
<b>C 6000 global standards Package 1/10*</b>		0010004520	<b>C 6000 global standards Package 1/10*</b>		0010004520																																																																											
C 6000 global standards	Measurement cell	0020005930	C 6000 global standards	Measurement cell	0020005930																																																																											
C 6010	Decomposition vessel, standard	0003770000	C 6010	Decomposition vessel, standard	0003770000																																																																											
RC 2 basic	Recirculating chiller	0004171000	<b>C 6000 global standards Package 1/12*</b>		0010004521																																																																											
Pellet Press	Indigeneous	0004110700	C 6000 global standards	Measurement cell	0020005930																																																																											
<b>C 6000 global standards Package 1/12*</b>		0010004521	C 6012	Decomposition vessel, halogen resistant	0004504000																																																																											
C 6000 global standards	Measurement cell	0020005930	RC 2 basic	Recirculating chiller	0004171000																																																																											
<b>C 6000 global standards Package 2/10*</b>		0010004522	<b>C 6000 global standards Package 2/10*</b>		0010004522																																																																											
C 6000 global standards	Measurement cell	0020005930	C 6010	Decomposition vessel, standard	0003770000																																																																											
C 6010	Decomposition vessel, standard	0003770000	<b>C 6000 global standards Package 2/12*</b>		0010004523																																																																											
<b>C 6000 global standards Package 2/12*</b>		0010004523	C 6000 global standards	Calorimeter	0020005930																																																																											
C 6000 global standards	Calorimeter	0020005930	C 6012	Decomposition vessel, halogen resistant	0004504000																																																																											
<b>C 6000 isoperibol Package 1/10*</b>		0010004524	RC 2 basic	Recirculating chiller	0004171000																																																																											
C 6000 isoperibol	Measurement cell	0020005940	<b>C 6000 isoperibol Package 1/10*</b>		0010004524																																																																											
C 6010	Decomposition vessel, standard	0003770000	C 6000 isoperibol	Measurement cell	0020005940																																																																											
RC 2 basic	Recirculating chiller	0004171000	<b>C 6000 isoperibol Package 1/12*</b>		0010004525	C 6012	Decomposition vessel, halogen resistant	0004504000	C 6000 isoperibol	Measurement cell	0020005940	RC 2 basic	Recirculating chiller	0004171000	<b>C 6000 isoperibol Package 2/10*</b>		0010004526	<b>C 6000 isoperibol Package 2/10*</b>		0010004526	C 6000 isoperibol	Measurement cell	0020005940	C 6000 isoperibol	Measurement cell	0020005940	C 6010	Decomposition vessel, standard	0003770000	C 6012	Decomposition vessel, halogen resistant	0004504000	<b>C 6000 isoperibol Package 2/12*</b>		0010004527	RC 2 basic	Recirculating chiller	0004171000	C 6000 isoperibol	Measurement cell	0020005940	<b>C 6000 isoperibol Package 2/12*</b>		0010004527	C 6010	Decomposition vessel, standard	0003770000	C 6000 isoperibol	Measurement cell	004025000	<b>C 6000 isoperibol Package 1/10*</b>		0010004528	C 6012	Decomposition vessel, halogen resistant	0004504000	C 6000 isoperibol	Measurement cell	004025000	RC 2 basic	Recirculating chiller	0004171000	<b>C 6000 isoperibol Package 1/12*</b>		0010004529	<b>C 6000 isoperibol Package 1/12*</b>		0010004529	C 6000 isoperibol	Measurement cell	004025000	C 6000 isoperibol	Measurement cell	004025000	C 6012	Decomposition vessel, halogen resistant	0004504000	C 6012	Decomposition vessel, halogen resistant	0004504000
<b>C 6000 isoperibol Package 1/12*</b>		0010004525	C 6012	Decomposition vessel, halogen resistant	0004504000																																																																											
C 6000 isoperibol	Measurement cell	0020005940	RC 2 basic	Recirculating chiller	0004171000																																																																											
<b>C 6000 isoperibol Package 2/10*</b>		0010004526	<b>C 6000 isoperibol Package 2/10*</b>		0010004526																																																																											
C 6000 isoperibol	Measurement cell	0020005940	C 6000 isoperibol	Measurement cell	0020005940																																																																											
C 6010	Decomposition vessel, standard	0003770000	C 6012	Decomposition vessel, halogen resistant	0004504000																																																																											
<b>C 6000 isoperibol Package 2/12*</b>		0010004527	RC 2 basic	Recirculating chiller	0004171000																																																																											
C 6000 isoperibol	Measurement cell	0020005940	<b>C 6000 isoperibol Package 2/12*</b>		0010004527																																																																											
C 6010	Decomposition vessel, standard	0003770000	C 6000 isoperibol	Measurement cell	004025000																																																																											
<b>C 6000 isoperibol Package 1/10*</b>		0010004528	C 6012	Decomposition vessel, halogen resistant	0004504000																																																																											
C 6000 isoperibol	Measurement cell	004025000	RC 2 basic	Recirculating chiller	0004171000																																																																											
<b>C 6000 isoperibol Package 1/12*</b>		0010004529	<b>C 6000 isoperibol Package 1/12*</b>		0010004529																																																																											
C 6000 isoperibol	Measurement cell	004025000	C 6000 isoperibol	Measurement cell	004025000																																																																											
C 6012	Decomposition vessel, halogen resistant	0004504000	C 6012	Decomposition vessel, halogen resistant	0004504000																																																																											



C 3000



C 6000

\*Price on request



C 1



C 200 auto

\*Price on request

## IKA PACKAGES



C 7000



ROTAVISC me-vi Complete

Product	Description	Ident. No.	Price
<b>CALORIMETER PACKAGES</b>			
C 7000 Set 1 Package		0008800900	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
C 7000	Measurement cell	0003008000	
C 7012	Decomposition vessel, halogen resistant	0003017000	
C 7002	Cooling system	0007011000	
C 48	Oxygen station	0001560000	
<b>VISCOMETER PACKAGES*</b>			
ROTAVISC lo-vi Complete Package		0025000310	INR 2,87,829
ROTAVISC me-vi Complete Package		0025000311	INR 2,87,829
ROTAVISC hi-vi I Complete Package		0025000312	INR 2,87,829
ROTAVISC hi-vi II Complete Package		0025000313	INR 2,87,829
ROTAVISC lo-vi Advanced Package		0025000320	INR 3,62,892
labworldsoft® 6		0020019397	
ROTAVISC me-vi Advanced Package		0025000321	INR 3,62,892
labworldsoft® 6		0020019397	
ROTAVISC hi-vi I Advanced Package		0025000322	INR 3,62,892
labworldsoft® 6		0020019397	
ROTAVISC hi-vi II Advanced Package		0025000323	INR 3,62,892
labworldsoft® 6		0020019397	

\* ROTAVIDC packages include:  
SP 1-4 (lo-vi) / SP 7-12 (me-vi, hi-vi I, hi-vi II), protective bracket,  
temperature sensor, quick connector, hook connector, ROTASTAND stand

## IKA PACKAGES



ElectraSyn 2.0



Screening System

Product	Description	Ident. No.	Price
<b>ELECTROCHEMISTRY PACKAGES</b>			
ElectraSyn 2.0 Package		0020008980	INR 2,22,256
ElectraSyn 2.0	Base unit	0020001549	
Vial holder		0020014424	
Vial	10 ml	0020014424	
Stir plate		0040001991	
Electrode	Graphite 2 pcs.	0040002574	
ElectraSyn 2.0 pro Package		0040003261	INR 2,61,500
ElectraSyn 2.0	Base unit	0020001549	
Vial holder		0020014424	
Vial	10 ml	0020014424	
Stir plate		0040001991	
Electrode	Graphite 2 pcs.	0040002574	
CV glassy carbon	Electrodes	0040002066	
CV Platinum	Electrodes	0040002569	
Ag / AgCl	Reference electrode	0040003172	
<b>Screening System Package (6 divided cells)</b>			
Reaction block		0020015936	
Electrolysis cells		0040003661	
IKА Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025005229	
H 16 V	Support rod	0001545100	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	
<b>Screening System Package (8 undivided cells)</b>			
Reaction block		0020015943	
Electrolysis cells		0040003661	
IKА Plate (RCT digital)	Magnetic stirrer, including PT 1000 temperature sensor	0025005229	
H 16 V	Support rod	0001545100	
H 38	Holding rod	0003547700	
H 44	Boss head clamp	0002437700	

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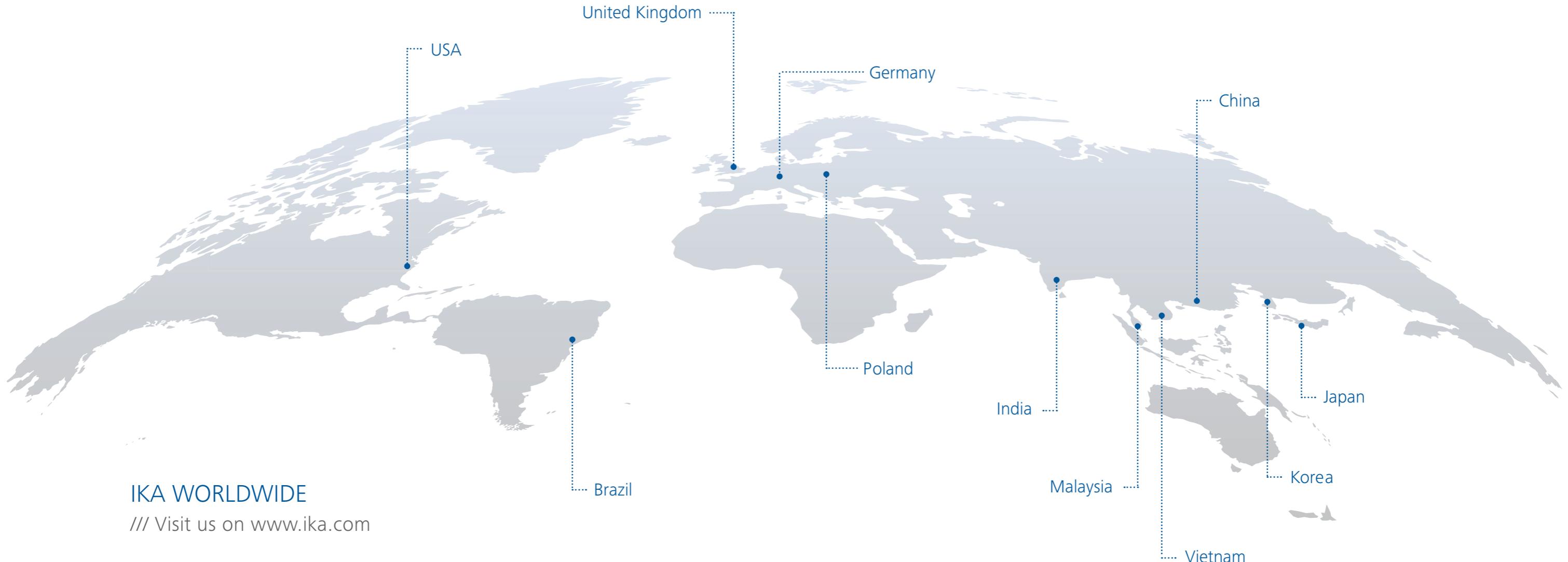


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