

Magnetic Hotplate Stirrer

RCT BASIC

The IKA® RCT Basic is suitable for stirring tasks up to 20L and reaches a hotplate temperature of up to 310°C. When connected to an external temperature sensor (PT1000.60 included in delivery), the temperature can be measured and controlled directly in the reaction medium.

Thanks to excellent insulation of the aluminum heating plate, maintenance-free DC motor and electronic switching power supply, the RCT Basic features excellent energy efficiency as well as reduced self-heating of the heating plate during stirring operation, thus contributing to a more sustainable laboratory.



SAVE BIG!

Next-Generation Technology

- Tempered shatterproof glass surface for optimal chemical resistance and easy cleaning
- Largest LED display in its class for easy readability
- USB and RS232 interface
- Compatible with labworldsoft® laboratory software

Proven Technology

- Excellent magnetic coupling
- Soft start for smooth and safe operation
- Two optimised temperature control modes ensure fast heating/precise temperature control without overshooting

Safe, Robust and Compliant With Standards

- In accordance with the DIN EN 61010-2-010 standard



Supplied with:

- RCT Basic
- 30mm Magnetic stirrer bar
- 40mm Magnetic stirrer bar
- Screwdriver
- PT1000.60 Temperature sensor, stainless steel



SPECIFICATIONS	DESCRIPTION
PLATE DIAMETER	135mm Ø
PLATE MATERIAL	Aluminium alloy
STIRRING VOLUME	20L (H ₂ O)
SPEED RANGE	50 - 1,500rpm
STIRRER BAR LENGTH	20 - 80mm
STIRRING DISPLAY	LED
HEATING TEMPERATURE RANGE	Ambient - 310°C
TEMPERATURE DISPLAY	LED
DIMENSIONS (WxHxD)	160 x 85 x 270mm
WEIGHT	2.4kg

PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
00250059271	IKA® RCT Basic Magnetic Hotplate Stirrer	Each	LOGIN	LOGIN

Overhead Stirrer

RW20 PACKAGE

Powerful overhead stirrer with digital display, constant speed control, durable motor and two speed ranges. Suitable for mixing viscosities up to 10,000mPas with reliable performance for volumes up to 20L.

- Digital LED display
- Robust, slimline and ergonomic design
- Constant power drive
- Two speed ranges for universal use from 60 to 2,000rpm
- Push through agitator shafts (only when stationary)
- For stirring quantities of up to 20L (H₂O)

20L



SPECIFICATIONS	DESCRIPTION
STIRRING QUANTITY MAX (H ₂ O)	20L
MOTOR RATING INPUT	70W
MOTOR RATING OUTPUT	35W
SPEED DISPLAY	LED
SPEED RANGE	60 - 2,000rpm
VISCOSITY MAX.	10,000mPas
OUTPUT MAX. AT STIRRING SHAFT	26W
TORQUE MAX. AT STIRRING SHAFT	150Ncm
TORQUE MAX. AT STIRRING SHAFT AT 60 1/MIN (OVERLOAD)	300Ncm
TORQUE MAX. AT STIRRING SHAFT AT 100RPM	150Ncm
TORQUE MAX. AT STIRRING SHAFT AT 1,000RPM	24Ncm
SPEED ADJUSTMENT	Stepless
SETTING ACCURACY SPEED	±1rpm
EXTENSION ARM DIAMETER	13mm
EXTENSION ARM LENGTH	160mm
DIMENSIONS (WxHxD)	88 x 294 x 212mm
WEIGHT	3.1kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP20

Supplied with:

- RW20
- R182 Bosshead
- R1826 Plate stand
- R1342 Propeller stirrer, 4-bladed

PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
0009011600	IKA® RW20 Overhead Stirrer Package	Each	LOGIN	LOGIN

Homogenisers

T10 BATTERY PACKAGE

NEW!

A compact, cordless high-speed lab homogeniser with digital display, timer/counter function and numeric speed settings. Portable and ideal for smaller volumes (0.5mL-100mL).

Supplied with a reusable stainless steel dispersing tool (5mm), a stand and clamp.

- Large LCD display
- Precise speed setting with numerical values
- Timer and counter functions for reproducible and precise operation
- Rechargeable battery with two charging options: either directly through a USB-C cable or via a charging clamp
- Labworldsoff® compatible for remote control and data export and documentation
- Quiet operation

Technical Specifications:

- Viscosity max.: 200mPas
- Speed range: 8,000 - 30,000rpm
- Speed adjustment: Stepless
- Dimensions (WxHxD): 53 x 239 x 70mm
- Weight: 0.5kg



Supplied with:

- T10 Battery Homogeniser
- S10N-5G Dispersion Tool
- H44 Bosshead
- R104 Stand

PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
0010015688I	IKA® T10 Battery Homogeniser Package	Each	LOGIN	LOGIN

T25 PACKAGE

Strong and durable benchtop homogeniser for medium volumes. It features a digital speed control, overload protection, easy cleaning and quiet operation. Allows for a wide volume range (1mL - 2,000mL). It offers a speed range from 3,000 - 25,000rpm that enables work at high circumferential speeds, even with small rotor diameters.

Various dispersing elements enable a range of applications, including homogenising wastewater samples, use in laboratory reactors, dispersion tasks under vacuum/pressure and sample preparation in medical research and more.

Supplied with the S25N-18G dispersion tool, bosshead clamp and support stand.

- Digital speed display
- Electronic speed control and smooth start
- Electronic overload protection
- Stainless steel dispersing elements are easily cleaned
- Stable homogenisation with 1% speed deviation
- Error code display
- Quiet operation

Technical Specifications:

- Viscosity max.: 5,000mPas
- Speed range: 3,000 - 25,000rpm
- Speed adjustment: Stepless
- Dimensions (WxHxD): 87 x 271 x 106mm
- Weight: 2.5kg



Supplied with:

- T25 Digital Homogeniser
- S25N-18G Dispersion Tool
- R182 Bosshead
- R1826 Stand

PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
0009024200I	IKA® T25 Digital Homogeniser Package	Each	LOGIN	LOGIN

Balances



ANALYTICAL | HR250AZ

The best-selling analytical balance HR250AZ utilises proven A&D sensor technology to deliver superior performance with fast, accurate measurements. It has a range of 0.1 milligram to 10 micrograms readability and is covered by an industry leading 5 year warranty.

- Fast stabilisation in 2 seconds
- Large removable breeze break with antistatic coating
- Compact footprint
- Rotary sliding doors requiring no extra space at the rear
- Automatic calibration with an internal mass
- Clear, reverse-backlit LCD
- Fourteen weighing units including a user-programmable unit
- GLP/GMP/GCP/ISO compliant output
- Counting mode with automatic counting accuracy improvement function
- Percent mode function
- Adjustable response characteristics and hold function
- Statistical calculation function
- Comparator function with buzzer
- Auto. power on/off function
- Underhook function
- Density determination function
- Built-in rechargeable battery (optional)



SAVE BIG!

Compact & Robust
252g x 0.1mg (0.0001g)

5 YEAR WARRANTY

SPECIFICATIONS	DESCRIPTION
WEIGHING CAPACITY	252g
MINIMUM WEIGHING VALUE	0.1mg
REPEATABILITY (STANDARD DEVIATION)	0 to 200g: 0.1mg 200 to 252g: 0.2mg
SENSITIVITY DRIFT	±2ppm/°C (10-30°C)
INTERNAL CALIBRATION	Yes
DISPLAY MODE	gram, milligram, ounce, troy ounce, metric carat, momme, pennyweight, grain, counting mode, percent mode, density mode
COUNTING MODE: MIN UNIT MASS	0.1mg
PERCENT MODE: MIN 100% REF MASS	10mg
PERCENT MODE: MIN 100% DISPLAY	0.01%, 0.1%, 1% (depends on the reference mass stored)
PAN SIZE	90mm diameter
PHYSICAL DIMENSIONS (WxDxH)	198 x 294 x 315mm
WEIGHT	3.9kg



PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
HR250AZ	Analytical Balance 252g x 0.1mg (with large breeze break)	Each	LOGIN	LOGIN

Balances

COMPACT | EJ SERIES

Accurate, high quality and stackable scales that are perfect for applications where portability and easy storage are paramount. The EJ Series supports multiple weighing units, has fast stabilisation and a 3 year warranty.

- AC or battery (4 x AA)
- Backlit display
- Counting and percentage mode
- Security features to prevent theft
- Stacking feature for easy storage of multiple units
- RS232 interface (optional)
- Simple keyboard function
- Backlit display can be set to switch off after a specified time period
- Comparator function gives a visual reference against a set target weight
- External calibration



PRODUCT CODE	DESCRIPTION	PAN SIZE	PRICE	SALE
EJ610	Compact Balance 610g x 0.01g	110mm Ø	LOGIN	LOGIN
EJ6100	Compact Balance 6,100g x 0.1g	127 x 140mm	LOGIN	LOGIN

PRECISION | FZ SERIES

Top of the range performance at an affordable price! The FZ series easy one-touch calibration provides high reliability and fail-safe calibration.

- Fast, 1 second stabilisation with the C-SHS weight sensor
- Compact footprint
- Shock absorber function prevents damage due to accidental overloading
- Counting and percentage weighing units
- Complies with GLP, GMP, GCP and ISO
- Statistical calculation function provides full stats reporting
- Internal calibration
- Underhook weighing for testing density or weighing magnetic material
- 3 year warranty
- Supplied with a small breeze break



PRODUCT CODE	DESCRIPTION	PAN SIZE	PRICE	SALE
FZ523	Precision Balance 520g x 0.001g	130mm Ø	LOGIN	LOGIN
FZ5000I	Precision Balance 5,200g x 0.01g	150mm Ø	LOGIN	LOGIN

Shakers

VORTEX VARIABLE SPEED

Compact vortex shaker with variable speed control, stable suction feet and versatile attachments for efficient mixing.

- Small, touch or continuous tube mixer
- Vacuum suction feet hold the unit to the bench
- Aluminium cast base avoids unnecessary 'walking'
- Versatile unit with a range of tube accessories

Technical Specifications:

- Speed range: 0 - 2,500rpm
- Speed display: Scale
- Mixing diameter: 4mm
- Protection class: IP21
- Dimensions (WxDxH): 127 x 160 x 130mm
- Weight: 3.5kg



PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
400.101.001	Shaker Vortex Variable Speed	Each	LOGIN	LOGIN

ORBITAL LABDANCER

Attractively designed, test tube shaker, designed for mixing small test samples with a touch function.



- Small, compact and reliable
- For small containers up to 30mm diameter
- 2,800rpm fixed speed
- Excellent mixing action
- Upper casing and the test tube surface are made from inert plastic; base is coated, zinc die-casting
- Includes 12V power pack set
- Dimensions (WxHxD): 100 x 70 x 100mm
- Weight: 0.776kg

DESCRIPTION	IKA® Orbital Labdancer Shaker
PRODUCT CODE	0003365000I
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

ORBITAL VORTEX 3

Vortex shaker suitable for short-time operation (touch function), activated by pressing shaker attachment or continuous operation.



- Compact design
- Wide speed range, infinitely adjustable (0 - 2,500rpm)
- Orbital diameter: 4mm
- Three interchangeable attachments and seven inserts (e.g. tubes, microtiter plates, etc)
- Sturdy base coating in zinc die-casting
- Stable at high speeds due to silicon base with ultra high vibration damping
- Eccentric with ball bearings
- Suitable for continuous operation
- Dimensions (WxHxD): 127 x 136 x 149mm
- Weight: 4.5kg

DESCRIPTION	IKA® Orbital Vortex Shaker 3
PRODUCT CODE	0003340000I
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

Mill

A11

Ideal for impact grinding of hard, brittle or non-elastic materials.

Can also be used for cutting grinding for pulverising soft, fibrous materials with optional blade (not included with delivery)

Technical Specifications:

- A11.1 cutter included in delivery - made of high-grade stainless steel (Use for a Mohs hardness up to 6)
- Volumes up to 80mL
- Fixed speed of 28,000rpm



PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
00029000001	IKA® Mill A11	Each	LOGIN	LOGIN

Oven

125 BASIC

125L Basic oven is ideal for tempering, drying, ageing and heating in the laboratory. Featuring an odourless insulation design that also ensures lower operating costs.

- Fast heat up time
- Precise temperature control
- Clear display and control menu

Technical Specifications:

- Temperature range: RT +5°C to 250°C
- 2 chrome-plated wire grid trays included, can fit up to 6 grid shelves
- Key lock function
- Glass door
- Dimensions (WxHxD): 700 x 825 x 650mm



PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
00200039561	IKA® Oven 125 Basic	Each	LOGIN	LOGIN

Incubator

INC 125 F DIGITAL

The INC 125 F digital convection incubator is ideal for microbiological applications up to 100°C with precise temperature control.

- Easy to clean
- Optimal temperature control
- Simple and intuitive operation
- Versatile accessories

Technical Specifications:

- Temperature range: RT +8°C to 100°C
- 125L capacity
- Temperature stability: ±0.3K
- Dimensions (WxHxD): 700 x 720 x 635mm
- 2 chrome-plated wire grid trays included, can fit up to 6 grid shelves



PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
00201171721	IKA® Incubator INC 125 F Digital	Each	LOGIN	LOGIN

Magnetic Stirrers

1.5L



- Stirs up to 1.5L
- Square PET plate
- Compact design
- Resistant to corrosion and easy to clean
- Supplied with electrode holder with clamp

Specifications:

- Speed range: 300 - 2,000rpm
- Dimensions (WxDxH): 150 x 144 x 54mm
- Weight: 0.3kg

PRODUCT CODE	400.100.002
DESCRIPTION	LabCo 1.5L Magnetic Stirrer
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

20L ROUND PLATE



- Stirs up to 20L
- Ceramic coated stainless steel plate
- Resistant to corrosion and easy to clean
- Constant speed control, even during changes in load
- High magnetic field reduces stirrer bar decoupling

Specifications:

- Speed range: 100 - 1,500rpm
- Dimensions (WxDxH): 160 x 280 x 85mm
- Weight: 2.8kg

PRODUCT CODE	400.100.011
DESCRIPTION	LabCo 20L Magnetic Stirrer Round Plate
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

10L SQUARE PLATE



- Stirs up to 10L
- Large square, ceramic glass plate
- Resistant to corrosion and easy to clean
- High magnetic field reduces stirrer bar decoupling

Specifications:

- Plate size: 184mm x 184mm
- Speed range: 100 - 1,500rpm
- Dimensions (WxDxH): 215 x 360 x 112mm
- Weight: 3.8kg

PRODUCT CODE	400.100.021
DESCRIPTION	LabCo 10L Magnetic Stirrer Square Plate
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

SQUID



The Squid magnetic stirrer provides compact, powerful mixing with digital speed control. The glass top and synthetic base allows high chemical resistance and reliable laboratory performance.

- Digital LED speed display
- Max. load: 2kg
- Max. stirring quantity: 1L
- Weight: 0.54kg
- Dimensions (WxHxD): 145 x 45 x 160mm

PRODUCT CODE	0003671000I
DESCRIPTION	IKA® Squid
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

BIG SQUID



The Big Squid magnetic stirrer delivers powerful mixing for larger volumes, featuring digital speed control and a durable glass top and synthetic base for high chemical resistance.

- Digital LED speed display
- Max. load: 3kg
- Max. stirring quantity: 1.5L
- Weight: 0.69kg
- Dimensions (WxHxD): 185 x 45 x 205mm

PRODUCT CODE	0003672000I
DESCRIPTION	IKA® Big Squid
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

TOPOLINO



A compact lab magnetic stirrer designed for mixing small liquid volumes. A durable, brushless motor and high magnetic adhesion ensures reliable lab use.

- Stirs up to 250mL
- Max. load: 500g
- 500 - 1,800rpm stepless speed range
- High magnetic adhesion
- Weight: 0.48kg
- Dimensions (WxHxD): 95 x 37 x 115mm

PRODUCT CODE	0003368000I
DESCRIPTION	IKA® Topolino
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

Magnetic Hotplate Stirrers

20L ROUND PLATE

- Stirs up to 20L
- Heats up to 340°C
- 135mm Ø ceramic-coated aluminum plate
- Three selectable heating modes: fast, standard & stable
- HOT warning indicating residual heat
- Digital LCD displays both set & actual temperature & speed
- External PT1000 temperature sensor improves accuracy to ±0.2°C
- Supplied with protective cover



PRODUCT CODE	400.100.112
DESCRIPTION	20L Magnetic Stirrer Round Plate
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

20L SQUARE PLATE

- Stirs up to 20L
- Heats up to 550°C
- 184mm square, ceramic glass plate
- Resistant to corrosion and easy to clean
- HOT warning indicating residual heat
- Fixed safety circuit cuts off unit at 580°C
- Digital LCD displays both set & actual temperature & speed
- Brushless DC motor



PRODUCT CODE	400.100.120
DESCRIPTION	20L Magnetic Stirrer Square Plate
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

30L SQUARE PLATE

- Stirs up to 30L
- Heats up to 500°C
- 254mm square, ceramic glass plate
- Elevated control panel and side grooves protect against spills and reduces risk of internal damage
- HOT warning indicating residual heat
- Built-in PID control ensures safe heating and provides overheating protection with an accuracy at +2
- Data logging onto a SD card



PRODUCT CODE	400.100.130
DESCRIPTION	30L Magnetic Stirrer Square Plate
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

C-MAG HS7

The C-Mag HS7 delivers reliable, simultaneous heating and stirring with adjustable speed and temperature control. With a durable ceramic plate and integrated safety features for efficient laboratory mixing.



- Stirs up to 10L (H₂O)
- Hot Top indicator
- 100 - 1,500rpm speed range
- 50 - 500°C temperature range
- Elevated control panel for protection against leaking liquids

PRODUCT CODE	0003581200I
DESCRIPTION	IKA® C-Mag HS7
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

C-MAG HS7 PACKAGE

A complete magnetic hotplate stirrer setup.

Supplied with:

- C-Mag HS7 (including 3x IKAFLON® magnetic stirring bars)
- ETS-D5 Electronic Thermometer
- H16V Support Rod
- H38 Holding Rod
- H44 Boss Head Clamp



*Beaker not included in delivery.

PRODUCT CODE	0009015900I
DESCRIPTION	IKA® C-Mag HS7 Package
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

C-MAG HS10

The C-Mag HS10 is a magnetic hotplate stirrer that delivers precise heating and smooth, powerful stirring performance. Offering excellent chemical resistance and precise temperature and speed control.



- Stirs up to 15L (H₂O)
- Hot Top indicator
- Max. load: 20kg
- 100 - 1,500rpm speed range
- 50 - 500°C temperature range
- Elevated control panel

PRODUCT CODE	0003581400I
DESCRIPTION	IKA® C-Mag HS10
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

pH Meters

PH60-Z

The next-generation tester designed for seamless water test experience. Professional pH measurements for general water solutions now easier than ever.

- Smart self-diagnosis
- Upgraded sensor technology
- Replaceable electrode
- Cloud-based data management
- Hybrid design (can be used with or without a smart phone)
- Up to 1,000 hours of continuous use



PARAMETER		
pH		ORP (mV)
RANGE	ACCURACY	RANGE
-2.00 to 16.00 pH	±0.01 pH; ±1 digit	±1,000 mV*

PRODUCT CODE	PH60-Z
DESCRIPTION	Zentest® Pocket pH Meter
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

PH850

Reliable and portable handheld meter with simple operation.

- Large LCD display made from acrylic and is resistant to scratches
- Quick and easy 1 to 3 points automatic calibration
- Built-in self-diagnosis ensures accurate pH calibration
- Comes with everything you need, including calibration solutions and electrodes, in a convenient carry case



IP57 waterproof rating

PARAMETER		
pH		ORP (mV)
RANGE	ACCURACY	RANGE
0 to 14.00 pH	±0.01 pH; ±1 digit	±1,000 mV*

*optional with [ORP60-DA](#) probe

PRODUCT CODE	PH850
DESCRIPTION	Handheld pH Meter
PACK SIZE	Each
PRICE	LOGIN
SALE	LOGIN

Dry Block Heaters

Made of one-piece aluminium coated with PTFE that allows multiple uses with aluminum blocks, armor beads or water. Accurate and stable temperature control that's suitable for all types of biological and life science laboratory applications.

- Choose from 1 or 2 block heaters
- Clear, OLED display
- Programmable timer & auto. shut off with alarm
- Built-in memory can store up to three user-definable heating programs
- Overheat protection

Technical Specifications:

- Temperature range: RT +5°C to 150°C
- Temperature accuracy: ±0.2°C (@ 37°C)
- Resolution: 0.1°C



WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE	PRICE	SALE
179310-22	Heater Dry Block 1 Block	Each	LOGIN	LOGIN
179320-22	Heater Dry Block 2 Block	Each	LOGIN	LOGIN