

Magnetic Stirrers

Version 1.0

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Overview

Magnetic stirrers are essential laboratory tools used to mix liquids quickly, consistently and without contamination. By rotating a magnetic stirring bar inside a vessel, they efficiently dissolve solids, maintain homogeneous solutions, mix chemicals and prepare buffers or media.

Suitable for closed or sterile systems, our range offers precise speed control, quiet operation and easy cleaning. Ideal for small to medium volume mixing in chemistry and biology labs as well as research and quality control.



STIRRER MAGNETIC WITHOUT HEATING

Magnetic stirrers without heating provide reliable, contamination-free mixing for a wide range of laboratory applications. Using a rotating magnetic field to spin a stir bar inside the vessel, they ensure smooth, consistent agitation ideal for preparing solutions, dissolving solids and maintaining uniform mixtures. Compact, quiet and easy to clean, they are perfect for routine mixing tasks where precise temperature control is not required.

STIRRER MAGNETIC WITH HEATING

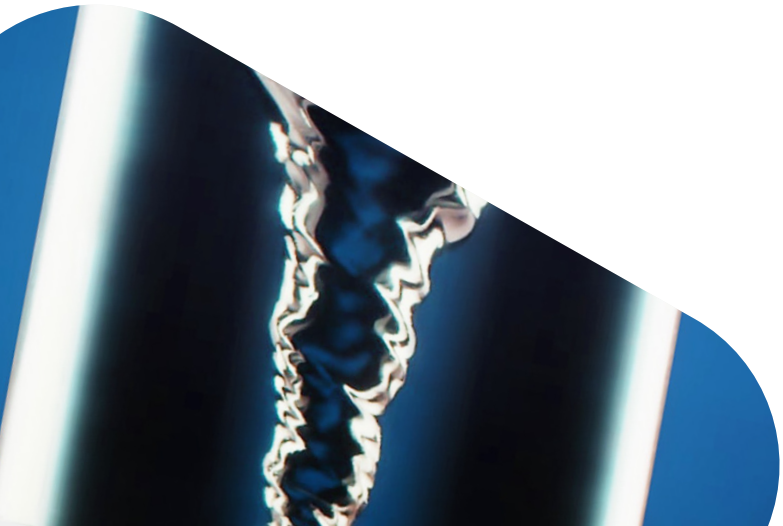
Magnetic stirrers with heating provide simultaneous mixing and temperature control, ideal for dissolving solids, accelerating reactions and preparing solutions. They deliver stable heat, adjustable speeds and reliable performance for laboratory workflows.



STIRRER BARS

Our range of stirrer bars are magnetised bars that spin in a solution when placed on a magnetic stirrer, efficiently mixing solutions in labs.





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Stirrer Magnetic without Heating | LabCo

1.5L | SQUARE PLATE



FEATURES + BENEFITS

- Stirs up to 1.5L
- Square PET plate
- Compact design with small footprint
- Resistant to corrosion and easy to clean
- Supplied with electrode holder with clamp
- Maintenance-free DC brushless motor

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
PLATE DIMENSIONS	120 x 115mm
PLATE MATERIAL	PET
MAXIMUM STIRRING VOLUME	1.5L
MAXIMUM MAGNETIC STIRRER BAR LENGTH	40mm
SPEED RANGE	300–2,000rpm
DISPLAY	-
STIRRING POSITIONS	1
PROTECTION CLASS	IP21
MOTOR TYPE	DC brushless
MOTOR RATING INPUT	N/A
MOTOR RATING OUTPUT	1.2W
POWER	7.2W
VOLTAGE	240V/60Hz
PERMISSIBLE AMBIENT TEMPERATURE	5–40°C
PERMISSIBLE RELATIVE HUMIDITY	80%
DIMENSIONS (WxDxH)	150 x 144 x 54mm
WEIGHT	0.3kg

Supplied with:

- 1x Electrode holder with clamp (suitable for Ø 12.5mm electrodes)
- 4x decorative plate stickers
- Power cable
- User manual

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
400.100.002	Stirrer Magnetic 1.5L	Each

Stirrer Magnetic without Heating | LabCo

20L | ROUND PLATE



FEATURES + BENEFITS

- 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
- Maintenance-free DC brushless motor

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
PLATE DIMENSIONS	Ø 135mm
PLATE MATERIAL	Ceramic Coated Stainless Steel
MAXIMUM STIRRING VOLUME	20L
MAXIMUM MAGNETIC STIRRER BAR LENGTH	80mm
SPEED RANGE	100–1,500rpm
DISPLAY	-
STIRRING POSITIONS	1
PROTECTION CLASS	IP42
MOTOR TYPE	DC brushless
MOTOR RATING INPUT	18W
MOTOR RATING OUTPUT	10W
POWER	30W
VOLTAGE	240V/60Hz
PERMISSIBLE AMBIENT TEMPERATURE	5–40°C
PERMISSIBLE RELATIVE HUMIDITY	80%
DIMENSIONS (WxDxH)	160 x 280 x 85mm
WEIGHT	2.8kg

Supplied with:

- Power cable
- User manual

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
400.100.011	Stirrer Magnetic 20L	Each

Stirrer Magnetic without Heating | LabCo

10L | SQUARE PLATE



FEATURES + BENEFITS

- Stirs up to 10L
- Large square, ceramic glass plate (184mm x 184mm)
- Resistant to corrosion and easy to clean
- High magnetic field reduces stirrer bar decoupling
- Maintenance-free DC brushless motor

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
PLATE DIMENSIONS	184 x 184mm
PLATE MATERIAL	Glass Ceramic
MAXIMUM STIRRING VOLUME	10L
MAXIMUM MAGNETIC STIRRER BAR LENGTH	80mm
SPEED RANGE	100–1,500rpm
DISPLAY	-
STIRRING POSITIONS	1
PROTECTION CLASS	IP21
MOTOR TYPE	DC brushless
MOTOR RATING INPUT	18W
MOTOR RATING OUTPUT	10W
POWER	30W
VOLTAGE	240V/60Hz
PERMISSIBLE AMBIENT TEMPERATURE	5–40°C
PERMISSIBLE RELATIVE HUMIDITY	80%
DIMENSIONS (WxDxH)	215 x 360 x 112mm
WEIGHT	3.8kg

Supplied with:

- Power cable
- User manual

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
400.100.021	Stirrer Magnetic 10L	Each

Stirrer Magnetic without Heating | LabCo

PRODUCT COMPARISON GUIDE





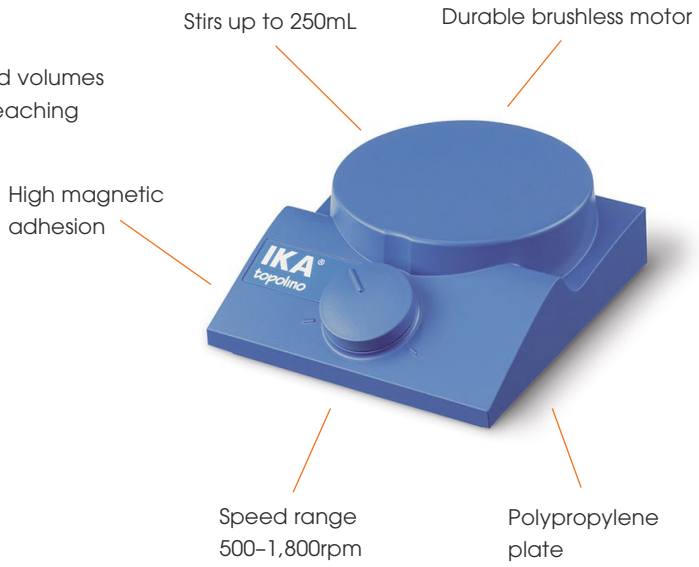


SPECIFICATIONS	1.5L SQUARE PLATE	20L ROUND PLATE	10L SQUARE PLATE
PRODUCT CODE	400.100.002	400.100.011	400.100.021
PLATE DIMENSIONS	120 x 115mm	Ø 135mm	184 x 184mm
PLATE MATERIAL	PET	Ceramic coated stainless steel	Glass ceramic
MAXIMUM STIRRING VOLUME	1.5L	20L	10L
MAXIMUM MAGNETIC STIRRER BAR LENGTH	40mm	80mm	
SPEED RANGE	300–2,000rpm	100–1,500rpm	
DISPLAY	-		
STIRRING POSITIONS	1		
PROTECTION CLASS	IP21	IP42	IP21
MOTOR TYPE	DC brushless		
MOTOR RATING INPUT	N/A	18W	
MOTOR RATING OUTPUT	1.2W	10W	
DIMENSIONS (WxDxH)	150 x 144 x 54mm	160 x 280 x 85mm	215 x 360 x 112mm
WEIGHT	0.3kg	2.8kg	3.8kg

Stirrer Magnetic without Heating | IKA

TOPOLINO

A compact laboratory magnetic stirrer designed to mix liquid volumes of up to 250mL. Suitable for simple stirring tasks in research, teaching and quality control labs.



FEATURES + BENEFITS

- Stirs up to 250mL
- Durable, brushless motor
- Infinitely variable speed range
- High magnetic adhesion

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	250mL
MAXIMUM LOAD	500g
SPEED ADJUSTMENT	Stepless
MOTOR RATING OUTPUT	0.8W
SPEED RANGE	500–1,800rpm
STIRRING BAR LENGTH MAX.	30mm
SET-UP PLATE MATERIAL	Synthetic (PP)
SET-UP PLATE DIMENSIONS	Ø 80mm
DIMENSIONS (WxHxD)	95 x 37 x 115mm
WEIGHT	0.484kg
PROTECTION CLASS	IP21

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
00033680001	Topolino Stirrer Magnetic	Each

Stirrer Magnetic without Heating | IKA

LAB DISC

A magnetic stirrer with ultra-flat design, ideal for confined spaces. Set-up plate and casing made from chemically resistant materials.



FEATURES + BENEFITS

- High protection class (IP65)
- Set-up plate and casing made from chemically resistant materials
- Slip-proof, safe stand
- 800mL maximum stirring quantity
- Dedicated button to reverse direction of rotation automatically every 30 seconds

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	800mL
MAXIMUM LOAD	1.5kg
MOTOR RATING OUTPUT	3W
DIRECTION OF ROTATION	Left / Right
SPEED ADJUSTMENT	+ and - keys
SPEED RANGE	15–1,500rpm
STIRRING BAR LENGTH MAX.	25mm
SET-UP PLATE MATERIAL	Polyester
SET-UP PLATE DIMENSIONS	Ø 100mm
DIMENSIONS (WxHxD)	116 x 12 x 175mm
WEIGHT	0.599kg
PROTECTION CLASS	IP65

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
00039075001	Lab Disc Stirrer Magnetic	Each

Stirrer Magnetic without Heating | IKA

SQUID

The IKA Squid magnetic stirrer provides compact, powerful, non-heating mixing with digital speed control. The glass top and synthetic base allow for high chemical resistance and reliable laboratory performance.



FEATURES + BENEFITS

- Digital speed display (LED)
- Electronically controlled motor
- 1L maximum stirring quantity
- High chemical resistance due to glass top and synthetic base made of TPC-ET
- Recyclable materials

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	1L
MAXIMUM LOAD	2kg
MOTOR RATING OUTPUT	2W
DIRECTION OF ROTATION	Right
DISPLAY	LED
SPEED ADJUSTMENT	Turning knob
SPEED RANGE	0–2,500rpm
SETTING ACCURACY SPEED	50rpm
STIRRING BAR LENGTH MAX.	30mm
SET-UP PLATE MATERIAL	Glass
SET-UP PLATE DIMENSIONS	Ø 115mm
DIMENSIONS (WxHxD)	145 x 45 x 160mm
WEIGHT	0.54kg
PROTECTION CLASS	IP54

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003671000I	Squid Stirrer Magnetic	Each

Stirrer Magnetic without Heating | IKA

BIG SQUID

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



FEATURES + BENEFITS

- Digital speed display (LED)
- Electronically controlled motor
- 1.5L maximum stirring quantity
- High chemical resistance due to glass top and synthetic base made of TPC-ET
- Recyclable materials

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	1.5L
MAXIMUM LOAD	3kg
MOTOR RATING OUTPUT	2W
DIRECTION OF ROTATION	Right
DISPLAY	LED
SPEED ADJUSTMENT	Turning knob
SPEED RANGE	0–2,500rpm
SETTING ACCURACY SPEED	50rpm
STIRRING BAR LENGTH MAX.	30mm
SET-UP PLATE MATERIAL	Glass
SET-UP PLATE DIMENSIONS	Ø 160mm
DIMENSIONS (WxHxD)	185 x 45 x 205mm
WEIGHT	0.69kg
PROTECTION CLASS	IP54

Ordering Information

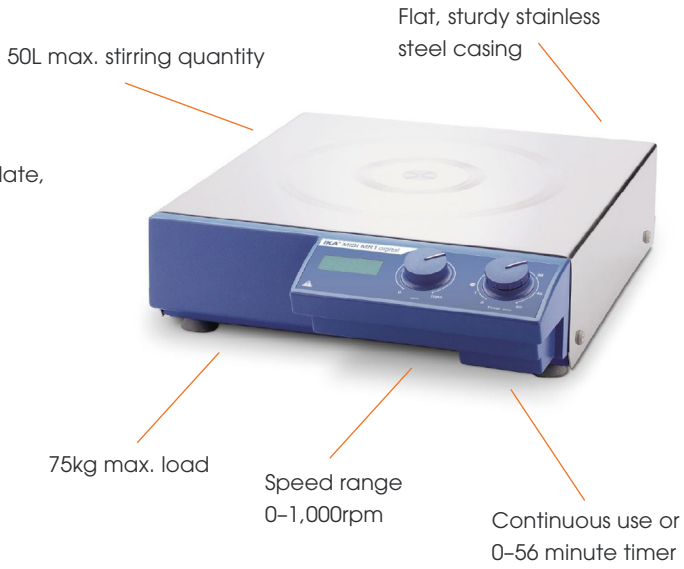
PRODUCT CODE	DESCRIPTION	PACK SIZE
00036720001	Big Squid Stirrer Magnetic	Each

Stirrer Magnetic without Heating | IKA

Large Capacity

MIDI MR 1 DIGITAL

A high-capacity digital magnetic stirrer with a stainless steel plate, precise speed control and a maximum stirring volume of 50L.



FEATURES + BENEFITS

- 50L maximum stirring quantity (H_2O)
- Flat, sturdy stainless steel casing
- Non-locking motor
- Infinitely variable speed
- Digital LED speed display
- Timer (0–56 min) or continuous operation
- Integrated USB and RS-232 interface

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	50L
MAXIMUM LOAD	75kg
MOTOR RATING OUTPUT	19W
SPEED RANGE	0–1,000rpm
STIRRING BAR LENGTH MAX.	80mm
SET-UP PLATE MATERIAL	Stainless steel 1.4301
SET-UP PLATE DIMENSIONS	350 x 350mm
DIMENSIONS (WxHxD)	360 x 110 x 430mm
WEIGHT	10.7kg
PROTECTION CLASS	IP21
RS-232 INTERFACE	Yes
USB INTERFACE	USB-B

Supplied with:

- Midi MR 1 Digital
- IKAFLON® 80 magnetic stirring bar
- USB A-B cable

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
00250029681	Stirrer Magnetic Midi MR 1 Digital	Each

Stirrer Magnetic without Heating | IKA

Large Capacity

MAXI MR 1 DIGITAL

A robust, digitally controlled magnetic stirrer for larger volumes up to 150L, with a stainless steel plate and precise speed control.



FEATURES + BENEFITS

- 150L maximum stirring quantity (H_2O)
- Flat, sturdy stainless steel casing
- Non-locking motor
- Infinitely variable speed
- Digital LED speed display
- Timer (0–56 min) or continuous operation
- Integrated USB and RS-232 interface

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	150L
MAXIMUM LOAD	200kg
MOTOR RATING OUTPUT	35W
SPEED RANGE	0–600rpm
STIRRING BAR LENGTH MAX.	155mm
SET-UP PLATE MATERIAL	Stainless steel 1.4301
SET-UP PLATE DIMENSIONS	500 x 500mm
TIMER	Yes
DIMENSIONS (WxHxD)	505 x 110 x 585mm
WEIGHT	21.36kg
PROTECTION CLASS	IP21
RS-232 INTERFACE	Yes
USB INTERFACE	USB-B

Supplied with:

- Maxi MR 1 Digital
- IKAFLON® 80 magnetic stirring bar
- USB A-B cable

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0025002978I	Stirrer Magnetic Maxi MR 1 Digital	Each

Stirrer Magnetic without Heating | IKA

Large Capacity

I-MAG



The I-MAG is a compact, powerful magnetic stirrer for laboratory and production use. With an I-MAG-SP extension platform, it can efficiently mix up to 300L. The wired controller allows easy handling and integration into process systems.

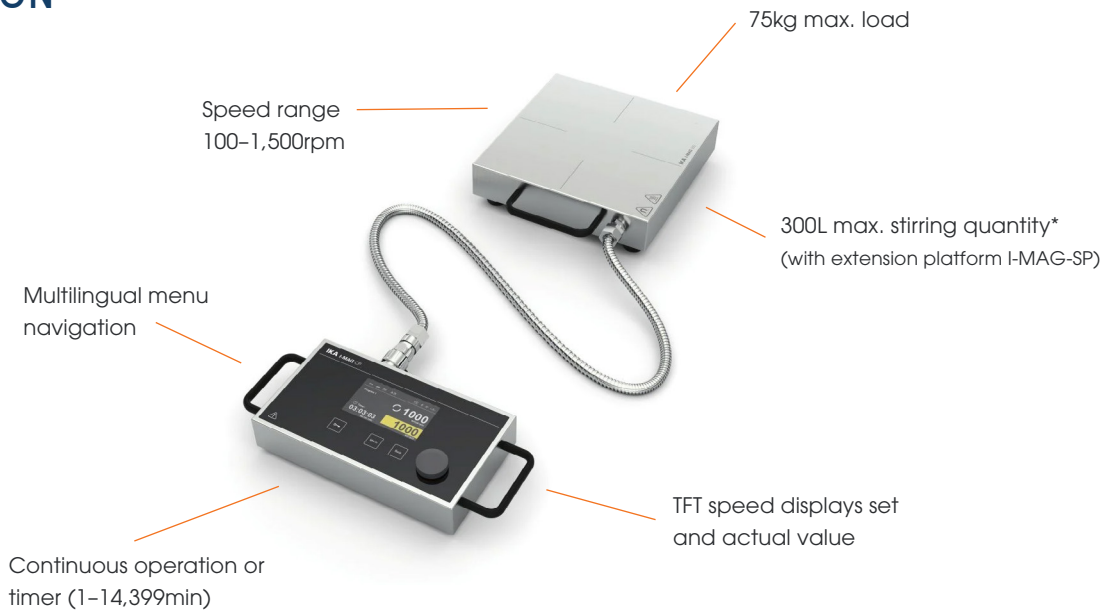
Its robust IP64 drive features a high-torque, wear-free motor and neodymium magnetic coupling, enabling mixing of viscous media and vessels with large base distances. Adjustable start-up speeds prevent stirring bar breakage and magnetic coupling detection alerts users to any failure.

The controller includes digital and analogue interfaces for operation via foot switch, buttons, or network (USB/LAN/Wi-Fi), and can integrate with software like labworldsoft® 6 for automated processes.

FEATURES + BENEFITS

- Stirs up to 300L (with I-MAG-SP extension platform)
- Drive with very high IP64 protection rating with enclosed stainless steel housing
- TFT displays for the set and actual speed values
- Electronically controlled motor for very stable speeds
- Secure and ergonomic mounting of the controller directly on the vessel or with a stand rod using the I-MAG UHC universal holder (available as accessory)
- Multilingual menu navigation

OPERATION



Stirrer Magnetic without Heating | IKA

Large Capacity

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O) (WITH EXTENSION PLATFORM I-MAG-SP)	300L
MAXIMUM LOAD (WITH EXTENSION PLATFORM I-MAG-SP)	400kg
STIRRING VOLUME MAX. (H_2O) (WITHOUT EXTENSION PLATFORM I-MAG-SP)	50L
MAXIMUM LOAD (WITHOUT EXTENSION PLATFORM I-MAG-SP)	75kg
MOTOR RATING OUTPUT	90W
DIRECTION OF ROTATION	Right / Left
SPEED DISPLAY SET VALUE	TFT
SPEED DISPLAY ACTUAL VALUE	TFT
SPEED ADJUSTMENT	Turning knob
SPEED RANGE	100–1,500rpm
SETTING ACCURACY SPEED	10rpm
STIRRING BAR LENGTH	30–140mm
SET-UP PLATE MATERIAL	Stainless steel 1.4301
SET-UP PLATE DIMENSIONS	260 x 260mm
AUTOMATIC REVERSE ROTATION	Yes
INTERMITTENT MODE	Yes
BREAK DETECTION STIRRING BAR	Yes
TIMER	Yes
TIMER DISPLAY	TFT
TIME SETTING RANGE	1–14,399min
PROGRAMS	Yes
ANALOGUE PEDAL CONTROL	Yes
CABLE FROM CONTROLLER TO DEVICE	2,000mm
DIMENSIONS (WxHxD)	260 x 70 x 300mm
WEIGHT	8kg
PROTECTION CLASS	IP64
RS-232 INTERFACE	Yes
USB INTERFACE	USB-B
WI-FI INTERFACE	Yes



Supplied with:

- I-MAG stirrer magnetic
- IKAFLON® 90 slide
- USB A-B Cable
- 3x adapters for analogue interface

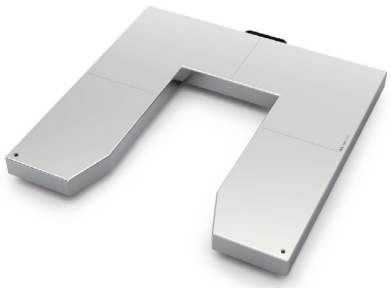
Ordering Information

WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE
00200142261	I-MAG Stirrer Magnetic	Each

Stirrer Magnetic without Heating | IKA

Large Capacity



SP300 FRAME FOR I-MAG

The SP300 stainless steel frame extends the footprint and increases the load capacity of the I-MAG industrial magnetic stirrer. The robust frame is designed to allow for volumes up to 300L and a maximum load of 400kg.

The frame is suitable for vessels with a diameter up to 700mm (minimum Ø 300mm).

The barrels or vessels used will rest on the set-up frame and not directly on the drive unit (I-MAG Drive). This allows the drive unit to be simply pulled out from under the barrel, without having to move the vessel standing on it, enabling flexible use of the unit.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
MAXIMUM LOAD	400kg
STIRRING VOLUME MAX. (H_2O)	300L
MATERIAL	Stainless Steel 1.4301
DIMENSIONS (WxHxD)	700 x 80 x 740mm
WEIGHT	20kg

Ordering Information

WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE
0020102996I	SP300 Frame	Each

Stirrer Magnetic without Heating | IKA

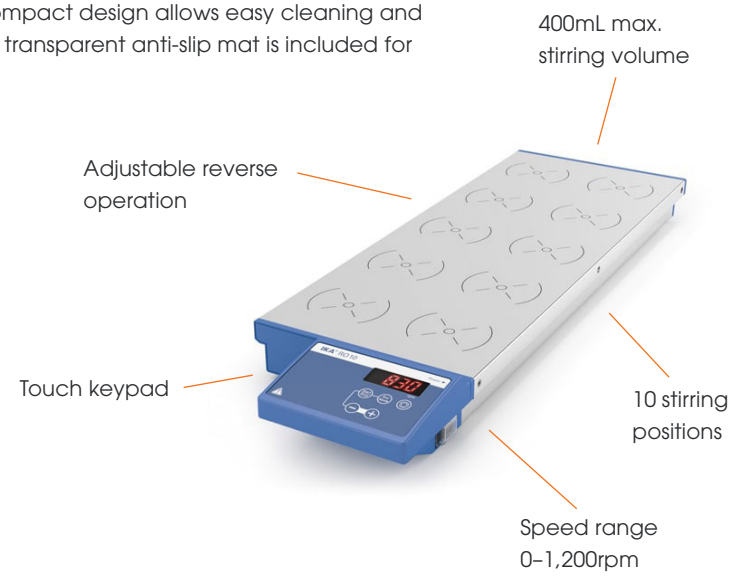
Multi Place

RO10

A digital, 10-position magnetic stirrer without heating, designed for synchronous stirring of samples. The magnetic coil technology provides noiseless and consistent stirring on all positions. Speed remains constant, even when the load changes. The closed and compact design allows easy cleaning and protects the equipment against liquid ingress. A removable transparent anti-slip mat is included for added safety.

FEATURES + BENEFITS

- Adjustable reverse operation
- Wear-free magnetic coils
- Error code display
- Easy operation with touch keypad
- Suitable for continuous operation
- Speed range 0–1,200rpm



TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	10
STIRRING POSITION DISTANCE	90mm
SPEED DEVIATION OF INDIVIDUAL STIRRING POSITIONS	0%
STIRRING VOLUME MAX. (H_2O)	400mL
MAXIMUM LOAD	10kg
SPEED ADJUSTMENT	10rpm steps
SPEED RANGE	0–1,200rpm
SPEED DISPLAY	LED
STIRRING BAR LENGTH	25–30mm
SET-UP PLATE MATERIAL	Stainless steel 1.4301
SET-UP PLATE DIMENSIONS	190 x 470mm
DIMENSIONS (WxHxD)	190 x 60 x 570mm
WEIGHT	5kg
PROTECTION CLASS	IP40

Supplied with:

- RO10

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003691000I	RO10 Multi Position Stirrer Magnetic	Each

Stirrer Magnetic without Heating | IKA

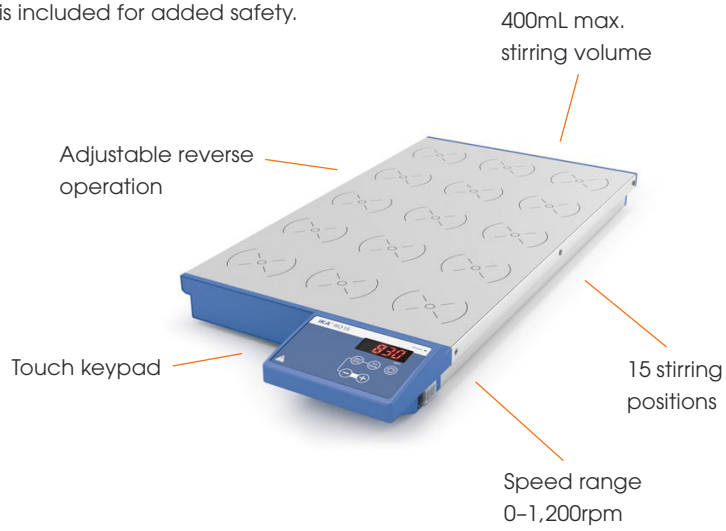
Multi Place

RO15

A digital, 15-position multi-place magnetic stirrer designed for synchronous stirring of samples. Its wear-free magnetic coil technology ensures quiet, reliable stirring with precise digital speed control, adjustable reverse function and easy touch-key operation, ideal for high-throughput laboratory workflows. A removable transparent anti-slip mat is included for added safety.

FEATURES + BENEFITS

- Adjustable reverse operation
- Wear-free magnetic coils
- Error code display
- Easy operation with touch keypad
- Suitable for continuous operation
- Speed range 0–1,200rpm



TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	15
STIRRING POSITION DISTANCE	90mm
SPEED DEVIATION OF INDIVIDUAL STIRRING POSITIONS	0%
STIRRING VOLUME MAX. (H_2O)	400mL
MAXIMUM LOAD	15kg
SPEED ADJUSTMENT	10rpm steps
SPEED RANGE	0–1,200rpm
SPEED DISPLAY	LED
STIRRING BAR LENGTH	25–30mm
SET-UP PLATE MATERIAL	Stainless steel 1.4301
SET-UP PLATE DIMENSIONS	280 x 470mm
DIMENSIONS (WxHxD)	280 x 60 x 570mm
WEIGHT	8.627kg
PROTECTION CLASS	IP40

Supplied with:

- RO15

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003692500I	RO15 Multi Position Stirrer Magnetic	Each

Stirrer Magnetic without Heating | IKA

PRODUCT COMPARISON GUIDE



SPECIFICATIONS	TOPOLINO	LAB DISC	SQUID	BIG SQUID	MIDI MR 1 DIGITAL	MAXI MR 1 DIGITAL	I-MAG	RO10	RO15
PRODUCT CODE	00033680001	00039075001	00036710001	00036720001	00250029681	00250029781	00200142261	00036910001	00036925001
PLATE DIMENSIONS	Ø 80mm	Ø 100mm	Ø 115mm	Ø 160mm	350 x 350mm	500 x 500mm	260mm x 260mm	190 x 470mm	280 x 470mm
PLATE MATERIAL	Polypropylene	Polyester	Glass		Stainless Steel 1.4301				
MAX. STIRRING VOLUME	250mL	800mL	1L	1.5L	50L	150L	300L	400mL	
MAX. LOAD	500g	1.5kg	2kg	3kg	75kg	200kg	400kg (with SP300 platform)	10kg	15kg
MAX. MAGNETIC STIRRER BAR LENGTH	30mm	25mm	30mm		80mm	155mm	140mm	30mm	
SPEED RANGE	500–1,800rpm	15–1,500rpm	0–2,500rpm		0–1,000rpm	0–600rpm	100–1,500rpm	0–1,200rpm	
DISPLAY	-		LED				TFT	LED	
STIRRING POSITIONS	1							10	15
REVERSE ROTATION	-	Yes	-				Yes		
PROTECTION CLASS	IP21	IP65	IP54		IP21		IP64	IP40	
TIMER	-				Yes			-	
MOTOR RATING OUTPUT	0.8W	3W	2W		19W	35W	90W	-	
DIMENSIONS (WxHxD)	95 x 37 x 115mm	116 x 12 x 175mm	145 x 45 x 160mm	185 x 45 x 205mm	360 x 110 x 430mm	505 x 110 x 585mm	260 x 70 x 300mm	190 x 60 x 570mm	280 x 60 x 570mm
WEIGHT	0.484kg	0.599kg	0.54kg	0.69kg	10.7kg	21.36kg	8kg	5kg	8.627kg
RS-232 INTERFACE	-				Yes			-	
USB INTERFACE	-				USB-B			-	
WI-FI INTERFACE	-						Yes	-	

Stirrer Magnetic with Heating | LabCo

20L HOTPLATE | ROUND PLATE

A 20L magnetic hotplate stirrer that offers reliable mixing and heating for everyday lab use. Its durable design, simple controls and stable performance make it ideal for general large volume laboratory applications.



FEATURES + BENEFITS

- Stirs up to 20L
- Heats up to 340°C
- Ceramic coated aluminium plate
- Resistant to corrosion and easy to clean
- Three selectable heating modes: fast, standard and stable
- HOT warning indicating residual heat
- Digital LCD displays the set and actual temperature and speed
- An external PT1000 temperature sensor improves accuracy to +0.2°C
- Automatic recognition of PT1000 once connected
- Maintenance-free DC brushless motor

OPERATION



Supplied with:

- Protective cover (400.100.208)
- Power cable
- User manual

Stirrer Magnetic with Heating | LabCo

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
PLATE DIMENSION	Ø 135mm
PLATE MATERIAL	Ceramic coated aluminium
MAXIMUM STIRRING VOLUME	20L
MAXIMUM MAGNETIC STIRRER BAR LENGTH	80mm
SPEED RANGE	100–1,500rpm
DISPLAY	Digital LCD
STIRRING POSITIONS	1
PROTECTION CLASS	IP21
MOTOR TYPE	DC brushless
MOTOR RATING INPUT	18W
MOTOR RATING OUTPUT	10W
POWER	600W
VOLTAGE	240V/60Hz
HEATING OUTPUT	500W
HEATING TEMPERATURE	Ambient–340°C
SAFETY TEMPERATURE	360°C
TEMPERATURE DISPLAY ACCURACY	+0.1°C
RESIDUAL HEAT WARNING	Yes, > 50°C
DIMENSIONS (WxDxH)	160 x 280 x 85mm
WEIGHT	2.8kg

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
400.100.112	Stirrer Magnetic Hotplate 20L	Each

Stirrer Magnetic with Heating | LabCo

20L HOTPLATE | SQUARE PLATE

A 20L magnetic hotplate stirrer that provides reliable mixing and heating for large volumes, featuring durable construction, adjustable speed and temperature controls. Its user-friendly design allows for efficient use and consistent laboratory results.



FEATURES + BENEFITS

- Stirs up to 20L
- Heats up to 550°C
- Large 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 and actual temperature and speed
- An external PT1000 temperature sensor improves accuracy to +0.2°C
- Automatic recognition of PT1000 once connected
- Maintenance-free DC brushless motor

OPERATION



Supplied with:

- Power cable
- User manual

Stirrer Magnetic with Heating | LabCo

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
PLATE DIMENSION	184 x 184mm
PLATE MATERIAL	Glass Ceramic
MAXIMUM STIRRING VOLUME	20L
MAXIMUM MAGNETIC STIRRER BAR LENGTH	80mm
SPEED RANGE	100–1,500rpm
DISPLAY	Digital LCD
STIRRING POSITIONS	1
PROTECTION CLASS	IP21
MOTOR TYPE	DC brushless
MOTOR RATING INPUT	18W
MOTOR RATING OUTPUT	10W
POWER	1,050W
VOLTAGE	240V/60Hz
HEATING OUTPUT	1,000W
HEATING TEMPERATURE	Ambient–550°C
SAFETY TEMPERATURE	580°C
TEMPERATURE DISPLAY ACCURACY	+0.1°C
RESIDUAL HEAT WARNING	Yes, > 50°C
DIMENSIONS (WxDxH)	215 x 360 x 112mm
WEIGHT	5.3kg

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
400.100.120	Square Stirrer Magnetic Hotplate 20L	Each

Stirrer Magnetic with Heating | LabCo

30L HOTPLATE | SQUARE PLATE



A 30L magnetic hotplate stirrer delivers powerful heating and stirring for larger volumes, with adjustable temperature and speed controls, durable construction and intuitive operation, ideal for efficient, consistent lab results.

FEATURES + BENEFITS

- Stirs up to 30L
- Heats up to 500°C
- Large square ceramic glass plate
- Resistant to corrosion and easy to clean
- Elevated control panel and side-groove design protect against spills and reduce the risk of internal damage
- HOT warning indicating residual heat
- Digital LCD displays both set and actual temperature and speed
- Built-in PID control ensures safe heating and provides overheating protection with an accuracy at ±2°C
- An external PT1000 temperature sensor improves accuracy to ±0.2°C
- Automatic recognition of PT1000 once connected
- Maintenance-free brushless motor
- Data logging to a SD card

OPERATION



Supplied with:

- Power cable
- User manual

Stirrer Magnetic with Heating | LabCo

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
PLATE DIMENSION	254 x 254mm
PLATE MATERIAL	Glass ceramic
MAXIMUM STIRRING VOLUME	30L
MAXIMUM MAGNETIC STIRRER BAR LENGTH	80mm
SPEED RANGE	100–1,500rpm
DISPLAY	Digital LCD
STIRRING POSITIONS	1
PROTECTION CLASS	IP21
MOTOR TYPE	DC brushless
MOTOR RATING INPUT	18W
MOTOR RATING OUTPUT	10W
POWER	1,400W
VOLTAGE	240V/60Hz
HEATING OUTPUT	1,350W
HEATING TEMPERATURE	Ambient–500°C
SAFETY TEMPERATURE	540°C
TEMPERATURE DISPLAY ACCURACY	+0.1°C
RESIDUAL HEAT WARNING	Yes, > 50°C
DIMENSIONS (WxDxH)	328 x 424 x 138mm
WEIGHT	7.2kg

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
400.100.130	Square Stirrer Magnetic Hotplate 30L	Each

Stirrer Magnetic with Heating | LabCo

PRODUCT COMPARISON GUIDE





SPECIFICATIONS	20L ROUND HOTPLATE	20L SQUARE HOTPLATE	30L SQUARE HOTPLATE
PRODUCT CODE	400.100.112	400.100.120	400.100.130
PLATE DIMENSIONS	Ø 135mm	184 x 184mm	254 x 254mm
PLATE MATERIAL	Ceramic coated aluminium	Glass ceramic	
MAX. STIRRING VOLUME	20L		30L
MAX. MAGNETIC STIRRER BAR LENGTH	80mm		
SPEED RANGE	100–1,500rpm		
DISPLAY	Digital LCD		
STIRRING POSITIONS	1		
PROTECTION CLASS	IP21		
MOTOR RATING INPUT	18W		
MOTOR RATING OUTPUT	10W		
HEATING OUTPUT	500W	1,000W	1,350W
HEATING TEMPERATURE	Ambient–340°C	Ambient–550°C	Ambient–500°C
SAFETY TEMPERATURE	360°C	580°C	540°C
RESIDUAL HEAT WARNING	Yes, > 50°C		
DIMENSIONS (WxDxH)	160 x 280 x 85mm	215 x 360 x 112mm	328 x 424 x 138mm
WEIGHT	2.8kg	5.3kg	7.2kg
SD CARD	-		Yes

Stirrer Magnetic with Heating | LabCo

ACCESSORIES



400.100.205
Cover Protection for LabCo Stirrer



400.100.208
Cover Protection for LabCo Hotplate 400.100.111 and 400.100.112



400.100.218
Sensor Temperature PT1000 230mm



400.100.219
Sensor Temperature PT1000 230mm - Glass coated



400.100.225
Clamp Support for PT1000 Sensor



400.100.250
Quarter Piece Plate



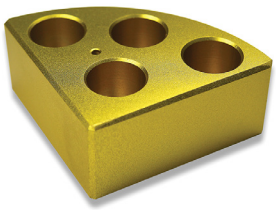
400.100.255
Quarter Piece Ring



400.100.260
Quarter Piece 4mL Capacity



400.100.265
Quarter Piece 8mL Capacity



400.100.270
Quarter Piece 16mL Capacity



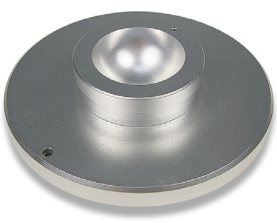
400.100.275
Quarter Piece 20mL Capacity



400.100.280
Quarter Piece 30mL Capacity



400.100.285
Quarter Piece 40mL Capacity



400.100.320
Reaction Block 50mL Round Bottom Flask
EUD REQUIRED



400.100.330
Reaction Block 100mL Round Bottom Flask
EUD REQUIRED



400.100.340
Reaction Block 250mL Round Bottom Flask
EUD REQUIRED



400.100.350
Reaction Block 500mL Round Bottom Flask
EUD REQUIRED

Stirrer Magnetic with Heating | IKA

C-MAG HS4

The C-Mag HS4 is a magnetic hotplate stirrer offering reliable heating and stirring, adjustable speed and temperature controls and a durable ceramic plate for safe, efficient laboratory mixing.



FEATURES + BENEFITS

- Powerful motor for stirring quantities of up to 5L (H_2O)
- Fixed safety circuit of 550°C
- Hot Top indicator - a hot surface warning to prevent burns
- Exact temperature setting via digital display (LED)
- Digital error code display
- Elevated control panel for protection against leaking liquids

OPERATION



Supplied with:

- C-MAG HS4
- IKAFLON® 20 Magnetic stirring bar
- IKAFLON® 30 Magnetic stirring bar
- IKAFLON® 40 Magnetic stirring bar

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	5L
MAXIMUM LOAD	7.5kg
MOTOR RATING OUTPUT	1.5W
DIRECTION OF ROTATION	Left
SPEED ADJUSTMENT	Scale (0–6)
SPEED RANGE	100–1,500rpm
STIRRING BAR LENGTH MAX.	30mm
HEAT OUTPUT	250W
TEMPERATURE DISPLAY SET VALUE	LED
HEATING TEMPERATURE RANGE	50–500°C
HEAT CONTROL	Turning knob
TEMPERATURE SETTING RESOLUTION OF HEATING PLATE	5K
FIXED SAFETY CIRCUIT	550°C
SET-UP PLATE MATERIAL	Ceramic
SET-UP PLATE DIMENSIONS	100 x 100mm
HEATING RATE (1L H_2O IN H1500)	2.5K/min
DIMENSIONS (WxHxD)	150 x 105 x 260mm
WEIGHT	3kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP21

Ordering Information

WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE
00035810001	C-Mag HS4 Stirrer Magnetic Hotplate	Each

Stirrer Magnetic with Heating | IKA

C-MAG HS7

The C-Mag HS7 is a magnetic hotplate stirrer that 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 up to 10L.



FEATURES + BENEFITS

- Powerful motor for stirring quantities of up to 10L (H_2O)
- Fixed safety circuit of 550°C
- Hot Top indicator - a hot surface warning to prevent burns
- Exact temperature setting via digital display (LED)
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- Elevated control panel for protection against leaking liquids
- Digital error code display

OPERATION



Supplied with:

- C-MAG HS7
- IKAFLON® 20 magnetic stirring bar
- IKAFLON® 30 magnetic stirring bar
- IKAFLON® 40 magnetic stirring bar

Stirrer Magnetic with Heating | IKA

C-MAG HS7 PACKAGE

A complete setup that includes the C-Mag HS7 magnetic hotplate stirrer, an electronic thermometer and holding accessories.

FEATURES + BENEFITS

- Powerful motor for stirring quantities of up to 10L (H_2O)
- Fixed safety circuit of 550°C
- Hot Top indicator - a hot surface warning to prevent burns
- Exact temperature setting via digital display (LED)
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- Digital error code display
- Elevated control panel for protection against leaking liquids

OPERATION



Supplied with:

- C-Mag HS7
- IKAFLON® 20 magnetic stirring bar
- IKAFLON® 30 magnetic stirring bar
- IKAFLON® 40 magnetic stirring bar
- ETS-D5 Electronic thermometer
- H16V support rod
- H38 holding rod
- H44 bosshead clamp

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	10L
MAXIMUM LOAD	15kg
MOTOR RATING OUTPUT	1.5W
DIRECTION OF ROTATION	Left
SPEED ADJUSTMENT	Scale (0–6)
SPEED RANGE	100–1,500rpm
STIRRING BAR LENGTH MAX.	80mm
HEAT OUTPUT	1,000W
TEMPERATURE DISPLAY SET VALUE	LED
HEATING TEMPERATURE RANGE	50–500°C
HEAT CONTROL	Turning knob
TEMPERATURE SETTING RESOLUTION OF HEATING PLATE	5K
CONNECTION FOR EXT. TEMPERATURE SENSOR	ETS-D5
FIXED SAFETY CIRCUIT	550°C
SET-UP PLATE MATERIAL	Ceramic
SET-UP PLATE DIMENSIONS	180 x 180mm
HEATING RATE (1L H_2O IN H1500)	5K/min
DIMENSIONS (WxHxD)	220 x 105 x 335mm
WEIGHT	5kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP21

Ordering Information

WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003581200I	C-Mag HS7 Stirrer Magnetic Hotplate	Each
0010016454I	C-Mag HS7 Package	Each
0025008371I	ETS-D5 Temperature Sensor	Each
0001545100I	H16V Support Rod	Each
0003547700I	H38 Holding Rod	Each
0002437700I	H44 Bosshead Clamp	Each

Stirrer Magnetic with Heating | IKA

C-MAG HS10



The C-Mag HS10 is a magnetic hotplate stirrer that delivers precise heating and smooth, reliable stirring performance up to 15L. Offering excellent chemical resistance and precise temperature and speed control.

FEATURES + BENEFITS

- Powerful motor for stirring quantities of up to 15L (H_2O)
- Fixed safety circuit of 550°C
- Hot Top indicator - a hot surface warning to prevent burns
- Exact temperature setting via digital display (LED)
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- Digital error code display
- Elevated control panel for protection against leaking liquids

OPERATION



Supplied with:

- C-MAG HS10
- IKAFLON® 20 magnetic stirring bar
- IKAFLON® 30 magnetic stirring bar
- IKAFLON® 40 magnetic stirring bar

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	15L
MAXIMUM LOAD	20kg
MOTOR RATING OUTPUT	1.5W
DIRECTION OF ROTATION	Left
SPEED ADJUSTMENT	Scale (0–6)
SPEED RANGE	100–1,500rpm
STIRRING BAR LENGTH MAX.	80mm
HEAT OUTPUT	1,500W
TEMPERATURE DISPLAY SET VALUE	LED
HEATING TEMPERATURE RANGE	50–500°C
HEAT CONTROL	Turning knob
TEMPERATURE SETTING RESOLUTION OF HEATING PLATE	5K
CONNECTION FOR EXT. TEMPERATURE SENSOR	ETS-D5
FIXED SAFETY CIRCUIT	550°C
SET-UP PLATE MATERIAL	Ceramic
SET-UP PLATE DIMENSIONS	260 x 260mm
HEATING RATE (1L H_2O IN H1500)	5K/min
DIMENSIONS (WxHxD)	300 x 105 x 415mm
WEIGHT	6kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP21

Ordering Information

WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003581400I	C-Mag HS10 Stirrer Magnetic Hotplate	Each

Stirrer Magnetic with Heating | IKA

RCT BASIC



The new RCT Basic/Anodised sets a new benchmark in digitalisation, laboratory safety and efficiency.

It has been redesigned to deliver innovative features while maintaining reliable heating and stirring performance for everyday laboratory applications.

FEATURES + BENEFITS

- Solid, compact design with IP54 protection
- Aluminium or anodised plate options
- USB-C and RS-232 connectivity
- Increased functionality
- Improved performance and efficiency
- Safety through networking and digitalisation
- Detection of sudden temperature drops
- Dual sensors for the medium and carrier medium
- Robust mechanical construction and safety features
- 2 year warranty

OPERATION



Supplied with:

- RCT Basic
- PT1000.60 temperature sensor, SS
- H80 temperature sensor holder
- IKAFLON® 30 magnetic stirring bar
- IKAFLON® 40 magnetic stirring bar
- Screwdriver

Stirrer Magnetic with Heating | IKA

RCT BASIC PACKAGE

The RCT Basic/Anodised package provides a complete solution for magnetic hotplate stirring.

FEATURES + BENEFITS

- Solid, compact design with IP54 protection
- Aluminium or anodised plate options
- USB-C and RS-232 connectivity
- Increased functionality
- Performance and efficiency
- Safety through networking and digitalisation
- Detection of sudden temperature drops
- Dual sensors for the medium and carrier medium
- Robust mechanical construction and safety features
- 2 year warranty

OPERATION



*Beaker not included

Supplied with:

- RCT Basic
- ETS-D5 temperature sensor
- IKAFLON® 30 magnetic stirring bar
- IKAFLON® 40 magnetic stirring bar
- PT1000.60 temperature sensor, SS
- H16V support rod
- H38 holding rod
- H44 bosshead clamp
- H80 temperature sensor holder
- Screwdriver
- User guide

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	20L
MAXIMUM LOAD	25kg
MOTOR RATING OUTPUT	9W
DIRECTION OF ROTATION	Right
SPEED DISPLAY (SET AND ACTUAL)	LED
SPEED ADJUSTMENT	Control knob (rotating/pressing)
SPEED RANGE	50 - 1,500rpm
STIRRING BAR LENGTH MAX.	80mm
HEAT OUTPUT	800W
TEMPERATURE DISPLAY (SET AND ACTUAL)	LED
TEMPERATURE CONTROL	Control knob (rotating/pressing)
TEMPERATURE RANGE	Ambient–310°C
TEMPERATURE SETTING RESOLUTION OF HEATING PLATE	1K
HEAT CONTROL ACCURACY OF HEATING PLATE (AT 100°C)	±5K
CONNECTION FOR EXT. TEMPERATURE SENSOR	PT1000, ETS-D5, ETS-D7, PT Wireless
ADJUSTABLE SAFETY CIRCUIT	50–360°C
PLATE MATERIAL	Aluminium alloy / Aluminium with ceramic coating
PLATE DIMENSIONS	Ø 135mm
TIMER	Yes
HEATING RATE (1L H_2O IN H1500)	9K/min
DIMENSIONS (WxHxD)	160 x 100 x 200mm
WEIGHT	2.3kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP54
RS-232 INTERFACE	Yes
USB INTERFACE	USB-C
WPAN INTERFACE	Optional (USB WD)

Ordering Information

WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE
00250082591	RCT Basic Stirrer Magnetic Hotplate	Each
00201337851	RCT Basic Anodised Stirrer Magnetic Hotplate	Each
00100164951	RCT Basic ETS-D5 Package	Each
00100165031	RCT Basic Anodised ETS-D5 Package	Each



Stirrer Magnetic with Heating | IKA

RCT CLASSIC

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



FEATURES + BENEFITS

Innovative Features

- Tempered shatterproof glass surface for optimal chemical resistance and easy cleaning
- Largest display in its class with easy-to-read LED display
- Illuminated symbols display important status information, including the set and actual temperatures, heating status and temperature-sensor status
- USB-B and RS-232 interface for control or documentation of the test parameters via a PC
- Compatible with labworldsoft® laboratory software
- QR code for quick access to device information, accessories, downloads and extended warranty
- Easily accessible main switch on the front of the device

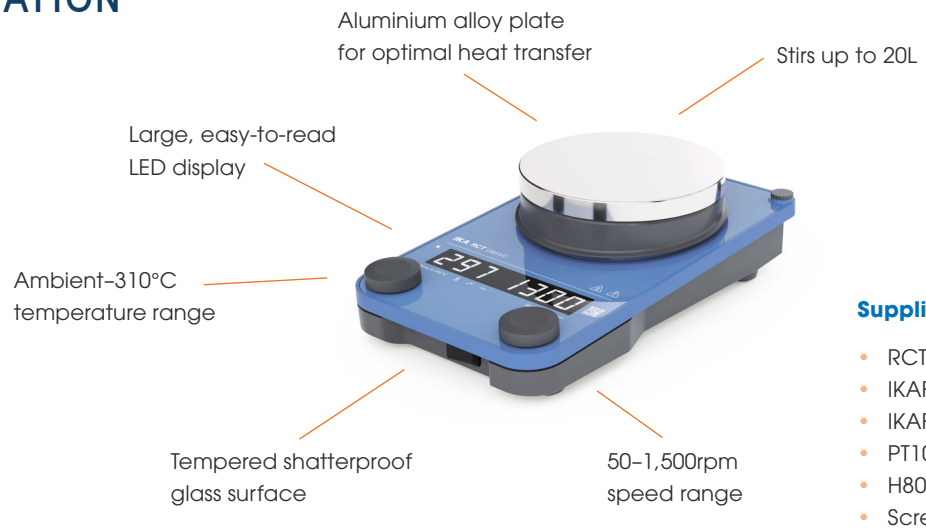
Proven Technology

- Heating plate made of aluminium for optimal and homogeneous heat transfer
- Excellent magnetic coupling
- Soft start prevents magnetic stir bars from breaking off during the start phase
- Two optimised temperature control modes ensure fast heating or precise temperature control without overshooting
- Push and turn buttons for independent adjustment of the set points and starting/stopping of temperature and speed

Safe, Robust and Compliant with Standards

- In accordance with the DIN EN 61010-2-010 standard, it meets all safety requirements for laboratory equipment for heating substances and is therefore also suitable for unattended operation

OPERATION



Supplied with:

- RCT Classic
- IKAFLON® 30 magnetic stirring bar
- IKAFLON® 40 magnetic stirring bar
- PT1000.60 temperature sensor, SS
- H80 temperature sensor holder
- Screwdriver

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	20L
MAXIMUM LOAD	25kg
MOTOR RATING OUTPUT	9W
DIRECTION OF ROTATION	Right
SPEED DISPLAY	LED
SPEED CONTROL SCALE	Stepless
SPEED RANGE	50–1,500rpm
STIRRING BAR LENGTH MAX.	20–80mm
HEAT OUTPUT	600W
TEMPERATURE DISPLAY	LED
TEMPERATURE CONTROL	Stepless
TEMPERATURE RANGE	Ambient–310°C
TEMPERATURE SETTING RESOLUTION OF HEATING PLATE	1K
HEAT CONTROL ACCURACY OF HEATING PLATE (AT 100°C)	±5K
CONNECTION FOR EXT. TEMPERATURE SENSOR	PT1000, ETS-D5, ETS-D6
ADJUSTABLE SAFETY CIRCUIT	50–360°C
PLATE MATERIAL	Aluminium alloy
PLATE DIMENSIONS	Ø 135mm
HEATING RATE (1L H_2O IN H1500)	6.5K/min
DIMENSIONS (WxHxD)	160 x 85 x 270mm
WEIGHT	2.4kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP42
RS-232 INTERFACE	Yes
USB INTERFACE	USB-B

Ordering Information

WATCH NOW

PRODUCT CODE	DESCRIPTION	PACK SIZE
00201364001	RCT Classic Stirrer Magnetic Hotplate	Each

Stirrer Magnetic with Heating | IKA

RCT DIGITAL



The RCT Digital is a versatile magnetic hotplate stirrer designed for precise heating and mixing in laboratories. It offers digital control of temperature and speed, ensuring accurate and reproducible results. Featuring a durable aluminium alloy plate for optimal and homogeneous heat transfer, it handles up to 20L and operates up to 310°C.

Built-in safety features, data interfaces, and programmable functions make it ideal for teaching, research, and routine lab work.

FEATURES + BENEFITS

Intuitive Design Features

- Easy-to-use LCD display shows both speed and temperature simultaneously
- Tempered shatterproof glass enables excellent chemical resistance and easy cleaning
- Improves over time with regular firmware updates
- Integrated timer and counter

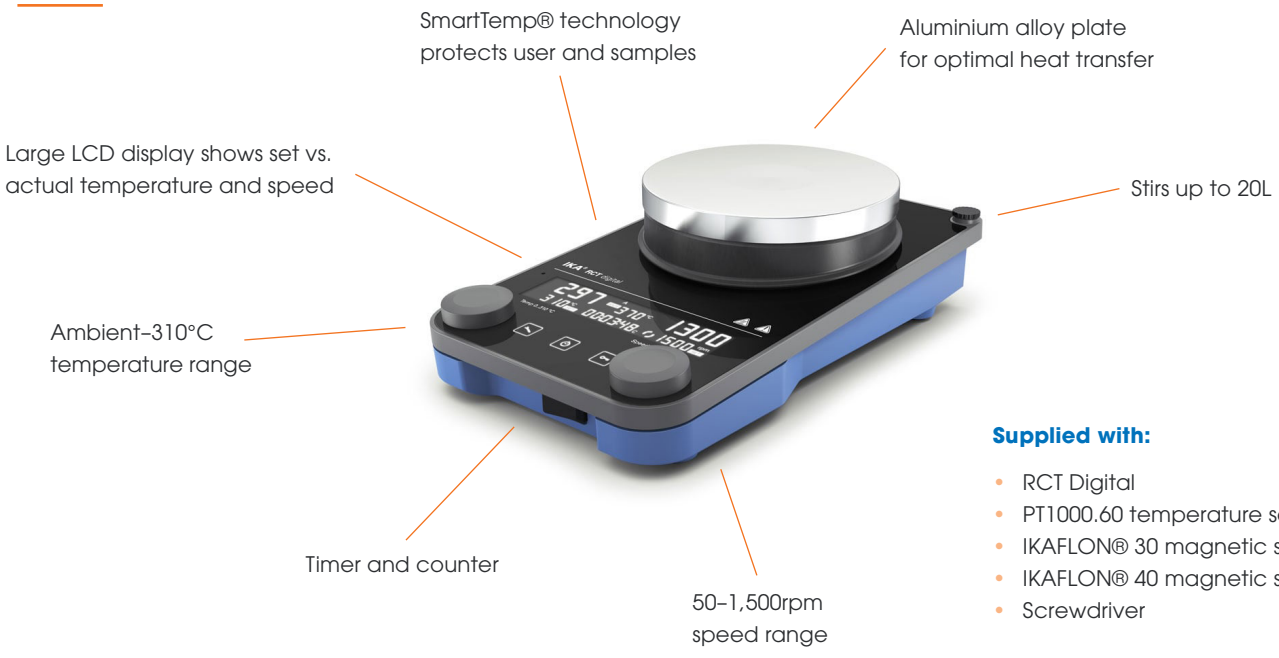
Excellent Temperature Distribution

- Achieves excellent temperature stability and high residual induction as well as maximum vortex for efficient mixing
- PT1000.60 temperature sensor (included in delivery) allows for precise temperature control

Safety

- SmartTemp® function protects users intelligently and predictably by monitoring plate surface temperature and sends an alert or automatically shuts off heating where necessary

OPERATION



Supplied with:

- RCT Digital
- PT1000.60 temperature sensor, SS
- IKAFLON® 30 magnetic stirrer bar
- IKAFLON® 40 magnetic stirrer bar
- Screwdriver

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	20L
MAXIMUM LOAD	25kg
MOTOR RATING OUTPUT	9W
DIRECTION OF ROTATION	Right / Left
SPEED DISPLAY	LCD
SPEED CONTROL SCALE	Stepless
SPEED RANGE	50–1,500rpm
STIRRING BAR LENGTH MAX.	20–80mm
HEAT OUTPUT	600W
TEMPERATURE DISPLAY	LCD
TEMPERATURE CONTROL	Stepless
TEMPERATURE RANGE	Ambient–310°C
TEMPERATURE SETTING RESOLUTION OF HEATING PLATE	1K
CONNECTION FOR EXTERNAL TEMPERATURE SENSOR	PT1000, ETS-D5, ETS-D6
ADJUSTABLE SAFETY CIRCUIT	50–370°C
PLATE MATERIAL	Aluminium alloy
PLATE DIMENSIONS	Ø135mm
HEATING RATE (1L H_2O IN H1500)	6.5K/min
VISCOSITY TREND MEASUREMENT	Yes
TIMER	Yes
TIMER SETTING RANGE	1 second –143,940 minutes
DIMENSIONS (WxHxD)	160 x 85 x 270mm
WEIGHT	2.4kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP42
RS-232 INTERFACE	Yes
USB INTERFACE	USB-B

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
00250046011	RCT Digital Stirrer Magnetic Hotplate	Each

Stirrer Magnetic with Heating | IKA

RET BASIC



The redesigned RET Basic delivers reliable stirring, rapid heating and smart safety in one durable benchtop unit.

Designed for precision and easy operation, it's a strong fit for modern laboratories that need consistent performance every day.

FEATURES + BENEFITS

- Solid, compact design with IP54 protection
- Aluminium or anodised plate options
- USB-C and RS-232 connectivity
- WPAN, Wi-Fi and ethernet connectivity
- Increased functionality
- Improved performance and efficiency
- Safety through networking and digitalisation
- Detection of sudden temperature drops
- Dual sensors for the medium and carrier medium
- Robust mechanical construction and safety features
- 2 year warranty

OPERATION



Supplied with:

- RET Basic
- PT1000.60 temperature sensor, SS
- H80 temperature sensor holder
- IKAFLON® 30 magnetic stirring bar
- IKAFLON® 40 magnetic stirring bar
- Screwdriver

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	1
STIRRING VOLUME MAX. (H_2O)	20L
MAXIMUM LOAD	25kg
MOTOR RATING OUTPUT	9W
DIRECTION OF ROTATION	Right
SPEED DISPLAY	LED
SPEED CONTROL SCALE	Stepless
SPEED RANGE	50–1,700rpm
STIRRING BAR LENGTH	20–80mm
HEAT OUTPUT	800W
TEMPERATURE DISPLAY	LED
TEMPERATURE CONTROL	Stepless
HEATING TEMPERATURE RANGE	Ambient–340°C
TEMPERATURE SETTING RESOLUTION OF HEATING PLATE	1K
CONNECTION FOR EXTERNAL TEMPERATURE SENSOR	PT1000, ETS-D5, ETS-D7, PT Wireless
ADJUSTABLE SAFETY CIRCUIT	50–360°C
PLATE MATERIAL	Aluminium alloy / Aluminium with ceramic coating
PLATE DIMENSIONS	Ø 135mm
TIMER	Yes
HEATING RATE (1L H_2O IN H1500)	9K/min
DIMENSIONS (WxHxD)	160 x 100 x 200mm
WEIGHT	2.3kg
PROTECTION CLASS ACCORDING TO DIN EN 60529	IP54
RS-232 INTERFACE	Yes
USB INTERFACE	USB-C
WPAN INTERFACE	Yes
WI-FI INTERFACE	Yes
ETHERNET INTERFACE	Yes

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
00250082651	RET Basic Stirrer Magnetic Hotplate	Each
00201337871	RET Basic Anodised Stirrer Magnetic Hotplate	Each



Stirrer Magnetic with Heating | IKA

Multi Place

RT10



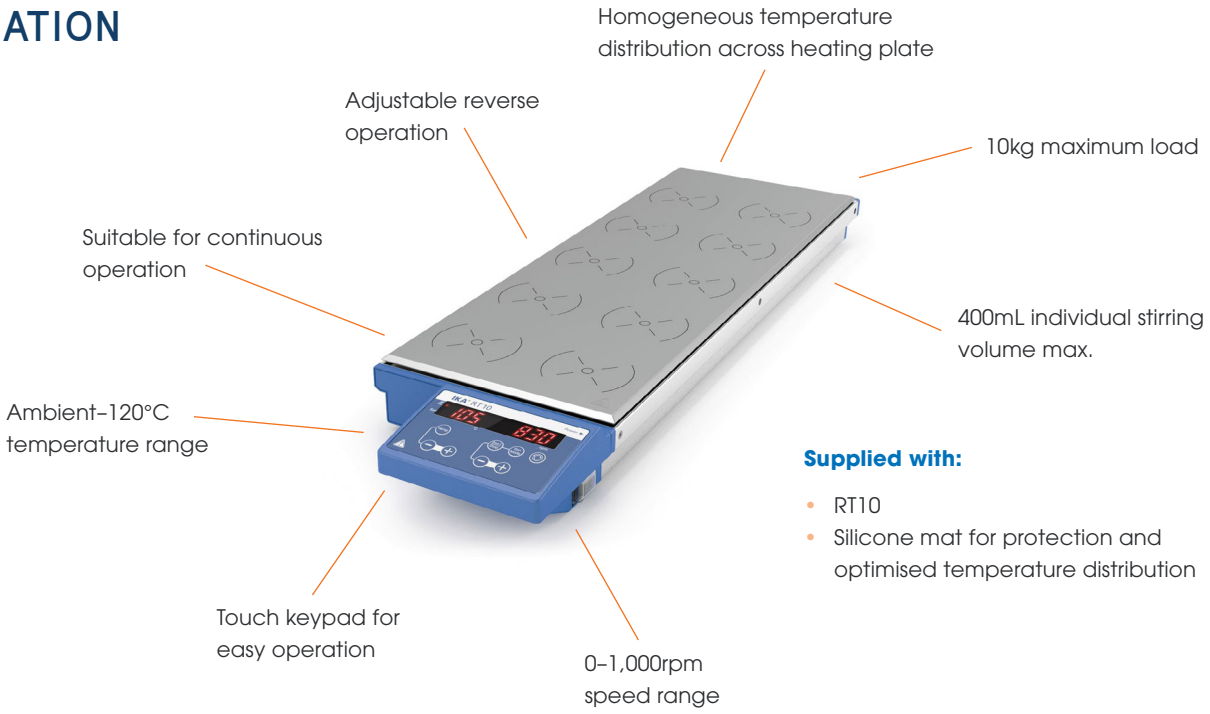
The RT10 is a multi-position magnetic hotplate stirrer designed for efficient and simultaneous mixing of up to 10 positions. It offers reliable, wear-free magnetic coil technology for quiet and consistent operation. With adjustable stirring speeds and easy digital control, it provides uniform mixing across all positions.

The RT10 combines durability, safety, and precision making it ideal for research, education, and industrial applications.

FEATURES + BENEFITS

- Homogeneous temperature distribution across the heating plate
- Adjustable reverse operation
- Eco-mode for a low self-warming of the surface
- Wear-free magnetic coils
- Error code display
- Easy operation with touch keypad
- Suitable for continuous operation
- Speed range: 0–1,000rpm

OPERATION



Supplied with:

- RT10
- Silicone mat for protection and optimised temperature distribution

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	10
STIRRING POSITION DISTANCE	90mm
SPEED DEVIATION OF INDIVIDUAL STIRRING POSITIONS	0%
STIRRING VOLUME MAX. (H_2O)	400mL
MAXIMUM LOAD	10kg
SPEED ADJUSTMENT	10rpm steps
SPEED RANGE	0–1,000rpm
STIRRING BAR LENGTH	25–30mm
HEAT OUTPUT	375W
HEATING TEMPERATURE RANGE	Ambient–120°C
HEAT CONTROL	LED
ADJUSTABLE SAFETY CIRCUIT	50–150°C
SET-UP PLATE MATERIAL	Aluminium alloy
SET-UP PLATE DIMENSIONS	180 x 495mm
HEATING RATE (1L H_2O IN H1500)	3K/min
DIMENSIONS (WxHxD)	190 x 60 x 610mm
WEIGHT	7.5kg
PROTECTION CLASS	IP40

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003691100I	RT10 Multi-Position Stirrer Magnetic Hotplate	Each

Stirrer Magnetic with Heating | IKA

Multi Place

RT15



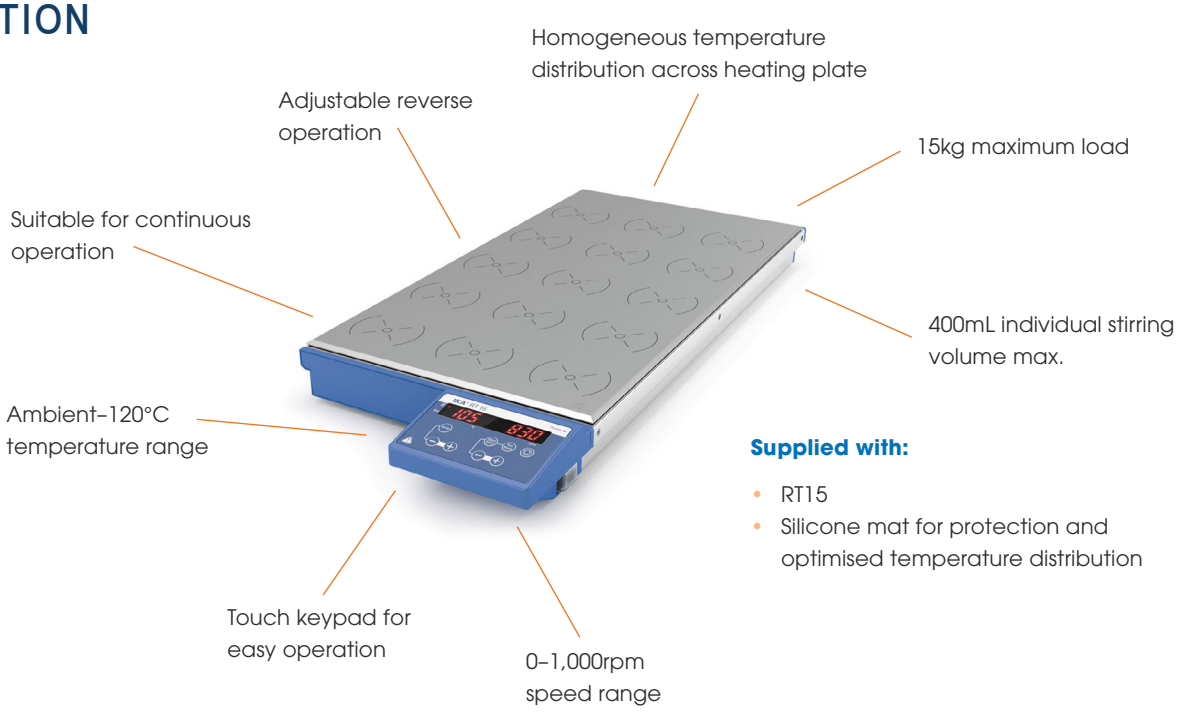
A robust, multi-position magnetic hotplate stirrer that combines simultaneous heating and stirring across 15 positions, with digital control for consistent temperature and speed.

The RT15 features noiseless magnetic coil stirring, adjustable surface temperatures up to 120°C and uniform heating, ideal for parallel sample processing in research or quality control settings.

FEATURES + BENEFITS

- Homogeneous temperature distribution across the heating plate
- Adjustable reverse operation
- Eco-mode for a low self-warming of the surface
- Wear-free magnetic coils
- Error code display
- Easy operation with touch keypad
- Suitable for continuous operation
- Speed range: 0–1,000rpm

OPERATION



Supplied with:

- RT15
- Silicone mat for protection and optimised temperature distribution

Stirrer Magnetic with Heating | IKA

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	DESCRIPTION
NUMBER OF STIRRING POSITIONS	15
STIRRING POSITION DISTANCE	90mm
SPEED DEVIATION OF INDIVIDUAL STIRRING POSITIONS	0%
STIRRING VOLUME MAX. (H_2O)	400mL
MAXIMUM LOAD	15kg
SPEED ADJUSTMENT	10rpm steps
SPEED RANGE	0–1,000rpm
STIRRING BAR LENGTH	25–30mm
HEAT OUTPUT	580W
HEATING TEMPERATURE RANGE	Ambient–120°C
HEAT CONTROL	LED
ADJUSTABLE SAFETY CIRCUIT	50–150°C
SET-UP PLATE MATERIAL	Aluminium alloy
SET-UP PLATE DIMENSIONS	270 x 495mm
HEATING RATE (1L H_2O IN H1500)	3K/min
DIMENSIONS (WxHxD)	280 x 60 x 610mm
WEIGHT	10.5kg
PROTECTION CLASS	IP40

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
00036926001	RT15 Multi-Position Stirrer Magnetic Hotplate	Each

Stirrer Magnetic with Heating | IKA

PRODUCT COMPARISON GUIDE



SPECIFICATIONS	C-MAG HS4	C-MAG HS7	C-MAG HS10	RCT BASIC/ ANODISED	RCT CLASSIC	RCT DIGITAL	RET BASIC/ ANODISED	RT10	RT15
PRODUCT CODE	0003581000I	0003581200I	0003581400I	0025008259I / 0020133785I	0020136400I	0025004601I	0025008265I / 0020133787I	0003691100I	0003692600I
PLATE DIMENSIONS	100 x 100mm	180 x 180mm	260 x 260mm	Ø 135mm				180 x 495mm	270 x 495mm
PLATE MATERIAL	Ceramic			Aluminium alloy / Aluminium with ceramic coating	Aluminium alloy		Aluminium alloy / Aluminium with ceramic coating	Aluminium alloy	
MAX. STIRRING VOLUME	5L	10L	15L	20L				400mL	
MAX. LOAD	7.5kg	15kg	20kg	25kg				10kg	15kg
MOTOR RATING OUTPUT	1.5W			9W				-	
MAX. MAGNETIC STIRRER BAR LENGTH	30mm	80mm						30mm	
SPEED RANGE	100–1,500rpm			50–1,500rpm			50–1,700rpm	0–1,000rpm	
DISPLAY	LED					LCD	LED		
STIRRING POSITIONS	1							10	15
REVERSE ROTATION	-					Yes	Optional (with IKA Hub)	Yes	
PROTECTION CLASS	IP21			IP54	IP42		IP54	IP40	
TIMER	-			Yes	-	Yes		-	
HEATING TEMP. RANGE	50–500°C			Ambient–310°C			Ambient–340°C	Ambient–120°C	
HEAT OUTPUT	250W	1,000W	1,500W	800W	600W		800W	375W	580W
HEATING RATE (1L H_2O IN H1500)	2.5K/min	5K/min		9K/min	6.5K/min		9K/min	3K/min	
CONNECTION FOR EXT. TEMP. SENSOR	-	ETS-D5		PT1000, ETS-D5, ETS-D7, PT Wireless	PT1000, ETS-D5, ETS-D6		PT1000, ETS-D5, ETS-D7, PT Wireless	-	
DIMENSIONS (WxHxD)	150 x 105 x 260mm	220 x 105 x 335mm	300 x 105 x 415mm	160 x 100 x 200mm	160 x 85 x 270mm		160 x 100 x 200mm	190 x 60 x 610mm	280 x 60 x 610mm
WEIGHT	3kg	5kg	6kg	2.3kg	2.4kg		2.3kg	7.5kg	10.5kg
RS-232 INTERFACE	-			Yes				-	
USB INTERFACE	-			USB-C	USB-B		USB-C	-	
WPAN INTERFACE	-			Optional (USB WD)	-		Yes	-	

ACCESSORIES



00035168001
PT1000.60 Temperature Sensor - For RCT series, RET series, C-Mag HS, Stainless steel, Ø 3mm, length of probe tube: 254mm



00037360001
PT1000.70 Temperature Sensor - For RCT series, RET series, C-Mag HS, Stainless steel (glass coated), Ø 7mm



00044430001
PT1000.80 Temperature Sensor - For RCT series, RET series, C-Mag HS, Stainless steel, Ø 3mm, length of probe tube: 150mm



00044806001
PT1000.90 Temperature Sensor - For RCT series, RET series, C-Mag HS, Stainless steel (coated with SafeCoat), Ø 3mm



00250083691
PT Wireless Temperature Sensor



00250083711
ETS-D5 Temperature Sensor



00250083701
ETS-D7 Temperature Sensor



00027356001
H70 Extension cable for ETS-D5, ETS-D7 and PT wireless - 1m (does not include support rod and clamp)



00027354511
H62.51 Temperature Sensor for ETS-D5, ETS-D7 and PT wireless - Stainless steel - Ø 3mm



00027355511
H66.51 Temperature Sensor for ETS-D5, ETS-D7 and PT wireless - Stainless steel (glass coated) - Ø 6mm



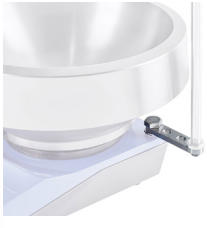
00044999001
H66.53 Temperature Sensor for ETS-D5, ETS-D7 and PT wireless - Stainless steel (coated with SafeCoat) - Ø 3mm



00015451001
H16V Support Rod



00035477001
H38 Holding Rod



00250006221
H16.3 Support Rod Extension Piece



00028294001
H29, Oil Bath Attachment, 1L



00028295001
H30, Oil Bath Attachment, 1.5L



00250081361
H105 Cover for RCT Digital and RCT Classic

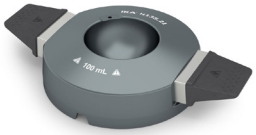
Stirrer Magnetic with Heating | IKA

ACCESSORIES

100mL Flasks



00250000634I
Flask Carrier 100mL
H135.20 Without Handle



00044483001
Flask Carrier 100mL
H135.21 With Handle



00250000636I
Flask Inlay 10mL H135.201
- Round Bottom



00250000637I
Flask Inlay 25mL H135.202
- Round Bottom



00250000638I
Flask Inlay 50mL H135.203
- Round Bottom

250mL Flasks



00250032801
Flask Carrier 250mL
H135.25 Without Handle



00200079541
Flask Carrier 250mL
H135.26 With Handle

500mL Flasks



00250000639I
Flask Carrier 500mL
H135.30 Without Handle



00044484001
Flask Carrier 500mL
H135.31 With Handle



00250000641I
Flask Inlay 100mL H135.301
- Round Bottom



00250000642I
Flask Inlay 250mL H135.302
- Round Bottom

1,000mL Flasks



00250000833I
Flask Carrier 1,000mL
H135.40 Without Handle



00044485001
Flask Carrier 1,000mL
H135.41 With Handle



00250000644I
Flask Inlay 500mL H135.401
- Round Bottom

2,000mL Flasks



00250000834I
Flask Carrier 2,000mL
H135.50 Without Handle



00044486001
Flask Carrier 2,000mL
H135.51 With Handle



00250000645I
Flask Inlay 1,000mL H135.501
- Round Bottom

Stirrer Magnetic with Heating | IKA

ACCESSORIES



0025000832I
Quarter Piece H135.10 Carrier - 160 x 160mm



0004448200I
Quarter Piece H135.11 Carrier With Handles - 160 x 160mm



0025000626I
Quarter Piece H135.101, 16 x 4mL, 15.2mm, Hole Ø, 79 x 79mm



0025000627I
Quarter Piece H135.102, 16 x 8mL, 17.5mm, Hole Ø, 79 x 79mm



0025000628I
Quarter Piece H135.103, 9 x 16mL, 28.5mm, Hole Ø, 79 x 79mm



0025000629I
Quarter Piece H135.104, 4 x 20mL, 20.5mm, Hole Ø, 79 x 79mm



0025000630I
Quarter Piece H135.105, 4 x 30mL, 28.5mm, Hole Ø, 79 x 79mm



0025000631I
Quarter Piece H135.106, 4 x 40mL, 28.5mm, Hole Ø, 79 x 79mm



0025000632I
Quarter Piece H135.107, 100mL Round Bottom Flask *EUD REQUIRED*



0025000633I
Quarter Piece H135.108, 250mL Round Bottom Flask *EUD REQUIRED*

Stirrer Bars

Stirrer bars are magnetised bars that spin in liquids on a magnetic stirrer, efficiently mixing solutions in labs.

The size and shape of the stir bar should match the vessel size and viscosity of the liquid. Longer bars are more suitable for larger volumes, cross-shaped for more turbulent mixing and oval-shaped for round bottom flasks.

MICRO



FEATURES + BENEFITS

- Micro bars are used for very small containers
- NOTE: always use the largest stirrer bar possible
- Manufactured using pure, virgin material which conforms to FDA and USP Class VI requirements
- Non-contaminating
- Isostatically moulded with smooth internal finish and pouring spout
- Base is machined flat for good heat transfer

Chemical Resistance

- Chemical resistance is almost total over its working temperature range
- Reactivity is limited to some compounds with free electrons, such as sodium in liquid ammonia and some fluorine compounds at high temperature and pressure
- Halogens will penetrate PTFE but without apparent reaction
- Thermally stable, -200°C to 280°C

Insolubility and Purity

- Intrinsically pure and contains no additives
- Insoluble in all known solvents except under extremes of pressure and temperature and will not contaminate media by dissolution

Sterilisation

- PTFE can be sterilised by all usual means except gamma radiation

Ordering Information

PRODUCT CODE	DESCRIPTION	LENGTH	DIAMETER	PACK SIZE
001.805.C	Stirrer Bar PTFE Micro	5mm	2mm	Each
001.806.C	Stirrer Bar PTFE Micro	6mm	3mm	Each
001.808.3.C	Stirrer Bar PTFE Micro	8mm	3mm	Each
001.810.C	Stirrer Bar PTFE Micro	10mm	3mm	Each
001.813.C	Stirrer Bar PTFE Micro	13mm	3mm	Each

Stirrer Bars

PLAIN



FEATURES + BENEFITS

- Plain stirrers, round profile
- Popular for general purpose stirring
- Manufactured using pure, virgin material which conforms to FDA and USP Class VI requirements
- Non-contaminating
- Isostatically moulded with smooth internal finish and pouring spout
- Base is machined flat for good heat transfer

Chemical Resistance

- Chemical resistance is almost total over its working temperature range
- Reactivity is limited to some compounds with free electrons, such as sodium in liquid ammonia and some fluorine compounds at high temperature and pressure
- Halogens will penetrate PTFE but without apparent reaction
- Thermally stable, -200°C to 280°C

Insolubility and Purity

- Intrinsically pure and contains no additives
- Insoluble in all known solvents except under extremes of pressure and temperature and will not contaminate media by dissolution

Sterilisation

- PTFE can be sterilised by all usual means except gamma radiation

Ordering Information

PRODUCT CODE	DESCRIPTION	LENGTH	DIAMETER	PACK SIZE
001.212.C	Stirrer Bar PTFE Plain	12mm	4.5mm	Each
001.215.C	Stirrer Bar PTFE Plain	15mm	4.5mm	Each
001.220.C	Stirrer Bar PTFE Plain	20mm	6mm	Each
001.225.C	Stirrer Bar PTFE Plain	25mm	6mm	Each
001.230.C	Stirrer Bar PTFE Plain	30mm	6mm	Each
001.240.C	Stirrer Bar PTFE Plain	40mm	8mm	Each
001.250.C	Stirrer Bar PTFE Plain	50mm	8mm	Each
001.260.C	Stirrer Bar PTFE Plain	60mm	10mm	Each
001.270.C	Stirrer Bar PTFE Plain	70mm	10mm	Each
001.280.C	Stirrer Bar PTFE Plain	80mm	10mm	Each
001.2108.C	Stirrer Bar PTFE Plain	108mm	27mm	Each
001.2159.C	Stirrer Bar PTFE Plain	159mm	27mm	Each

Stirrer Bars

PIVOT RING



FEATURES + BENEFITS

- Pivot ring, usually used in containers with bases that are slightly curved or uneven; the pivot enables the stirrer to adopt the optimum position for stirring
- Manufactured using pure, virgin material which conforms to FDA and USP Class VI requirements
- Non-contaminating
- Isostatically moulded with smooth internal finish and pouring spout
- Base is machined flat for good heat transfer

Chemical Resistance

- Chemical resistance is almost total over its working temperature range
- Reactivity is limited to some compounds with free electrons, such as sodium in liquid ammonia and some fluorine compounds at high temperature and pressure
- Halogens will penetrate PTFE but without apparent reaction
- Thermally stable, -200°C to 280°C

Insolubility and Purity

- Intrinsically pure and contains no additives
- Insoluble in all known solvents except under extremes of pressure and temperature and will not contaminate media by dissolution

Sterilisation

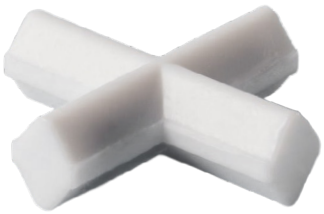
- PTFE can be sterilised by all usual means except gamma radiation

Ordering Information

PRODUCT CODE	DESCRIPTION	LENGTH	DIAMETER	PACK SIZE
001.308.C	Stirrer Bar PTFE Pivot Ring	8mm	3mm	Each
001.312.C	Stirrer Bar PTFE Pivot Ring	12mm	4.5mm	Each
001.315.C	Stirrer Bar PTFE Pivot Ring	15mm	4.5mm	Each
001.320.C	Stirrer Bar PTFE Pivot Ring	20mm	6mm	Each
001.325.C	Stirrer Bar PTFE Pivot Ring	25mm	6mm	Each
001.330.C	Stirrer Bar PTFE Pivot Ring	30mm	6mm	Each
001.340.C	Stirrer Bar PTFE Pivot Ring	40mm	8mm	Each
001.350.C	Stirrer Bar PTFE Pivot Ring	50mm	8mm	Each
001.360.C	Stirrer Bar PTFE Pivot Ring	60mm	10mm	Each
001.370.C	Stirrer Bar PTFE Pivot Ring	70mm	10mm	Each
001.3108.C	Stirrer Bar PTFE Pivot Ring	108mm	24mm	Each
001.3159.C	Stirrer Bar PTFE Pivot Ring	159mm	24mm	Each

Stirrer Bars

CROSS



FEATURES + BENEFITS

- Cross shaped, very stable for general purpose stirrers
- Manufactured using pure, virgin material which conforms to FDA and USP Class VI requirements
- Non-contaminating
- Isostatically moulded with smooth internal finish and pouring spout
- Base is machined flat for good heat transfer

Chemical Resistance

- Chemical resistance is almost total over its working temperature range
- Reactivity is limited to some compounds with free electrons, such as sodium in liquid ammonia and some fluorine compounds at high temperature and pressure
- Halogens will penetrate PTFE but without apparent reaction
- Thermally stable, -200°C to 280°C

Insolubility and Purity

- Intrinsically pure and contains no additives
- Insoluble in all known solvents except under extremes of pressure and temperature and will not contaminate media by dissolution

Sterilisation

- PTFE can be sterilised by all usual means except gamma radiation

Ordering Information

PRODUCT CODE	DESCRIPTION	DIAMETER	HEIGHT	PACK SIZE
001.2402.C	Stirrer Bar PTFE Cross Shaped	20mm	8mm	Each
001.2405.C	Stirrer Bar PTFE Cross Shaped	38mm	11mm	Each
001.2406.C	Stirrer Bar PTFE Cross Shaped	50mm	15mm	Each

Stirrer Bars

OVAL



FEATURES + BENEFITS

- Oval bars, generally used for round-bottom flasks
- Manufactured using pure, virgin material which conforms to FDA and USP Class VI requirements
- Non-contaminating
- Isostatically moulded with smooth internal finish and pouring spout
- Base is machined flat for good heat transfer

Chemical Resistance

- Chemical resistance is almost total over its working temperature range
- Reactivity is limited to some compounds with free electrons, such as sodium in liquid ammonia and some fluorine compounds at high temperature and pressure
- Halogens will penetrate PTFE but without apparent reaction
- Thermally stable, -200°C to 280°C

Insolubility and Purity

- Intrinsically pure and contains no additives
- Insoluble in all known solvents except under extremes of pressure and temperature and will not contaminate media by dissolution

Sterilisation

- PTFE can be sterilised by all usual means except gamma radiation

Ordering Information

PRODUCT CODE	DESCRIPTION	LENGTH	DIAMETER	PACK SIZE
001.610.C	Stirrer Bar PTFE Oval Shaped	10mm	5mm	Each
001.615.C	Stirrer Bar PTFE Oval Shaped	15mm	6mm	Each
001.620.C	Stirrer Bar PTFE Oval Shaped	20mm	10mm	Each
001.625.C	Stirrer Bar PTFE Oval Shaped	25mm	12mm	Each
001.630.C	Stirrer Bar PTFE Oval Shaped	30mm	16mm	Each
001.640.C	Stirrer Bar PTFE Oval Shaped	40mm	20mm	Each
001.664.C	Stirrer Bar PTFE Oval Shaped	64mm	20mm	Each
001.670.C	Stirrer Bar PTFE Oval Shaped	70mm	20mm	Each

Stirrer Bars

RETRIEVER



FEATURES + BENEFITS

- For the removal of stirrer magnets from vessels of all kinds
- Manufactured using pure, virgin material which conforms to FDA and USP Class VI requirements
- Non-contaminating
- Isostatically moulded with smooth internal finish and pouring spout

Chemical Resistance

- Chemical resistance is almost total over its working temperature range
- Reactivity is limited to some compounds with free electrons, such as sodium in liquid ammonia and some fluorine compounds at high temperature and pressure
- Halogens will penetrate PTFE but without apparent reaction
- Thermally stable, -200°C to 280°C

Insolubility and Purity

- Intrinsically pure and contains no additives
- Insoluble in all known solvents except under extremes of pressure and temperature and will not contaminate media by dissolution

Sterilisation

- PTFE can be sterilised by all usual means except gamma radiation

Ordering Information

PRODUCT CODE	DESCRIPTION	LENGTH	DIAMETER	PACK SIZE
004.350.C	Magnetic Retriever PTFE	350mm	10mm	Each

SCIENTIFIC

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See the full product range online.

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