Hotplate

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1800 052 226
PO Box 5816, Brendale, QLD 4500

E.&O.E.
ABN 57 622 896 593
ACN 622 896 593
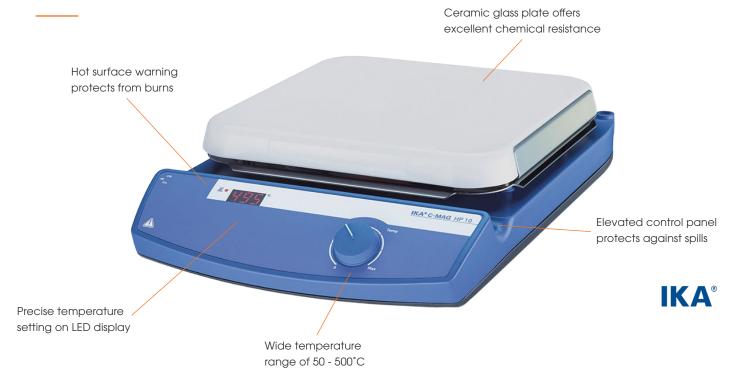
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Hotplate | C-Mag HP10

The IKA® C-Mag HP10 Hotplate is ideal for precise, high temperature heating of liquids in laboratories. Made from ceramic glass, it is easy to clean and offers excellent chemical resistance. It has stepless temperature control, various safety features for safe heating and supports external sensors for enhanced accuracy.

FEATURES + BENEFITS

- Fixed safety circuit of 550˚C
- Hot Top indicator - warns of hot surface to prevent burns
- Precise temperature setting via digital display (LED)
- DIN 12878-compliant bushing for connecting a contact thermometer such as ETS-D5/ETS-D6, enabling precise temperature control
- Elevated control panel protects against spills
- Digital error code display

OPERATION

Ceramic glass plate offers excellent chemical resistance

Hot surface warning protects from burns

Elevated control panel protects against spills

Precise temperature setting on LED display

Wide temperature range of 50 - 500˚C

See the C-Mag Stirrer in action:

WATCH NOW

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TECHNICAL SPECIFICATIONS

MODEL	C-MAG HP10
NUMBER OF HEATING POINTS	1
HEAT OUTPUT	1,500W
HEATING TEMPERATURE RANGE	50 - 500˚C
HEAT CONTROL	Turning Knob
SET TEMPERATURE RESOLUTION	±10K
CONNECTION FOR EXTERNAL TEMPERATURE SENSOR	ETS-D5
VOLUME MAX.	15L
HEATING RATE HEATING PLATE	5K/min
SETUP PLATE MATERIAL	Ceramic
SETUP PLATE DIMENSIONS	260 x 260mm
DIMENSIONS (WxHxD)	300 x 105 x 415mm
WEIGHT	6kg
PROTECTION CLASS	IP21

APPLICATIONS

- Heating liquids and solutions
- Chemical synthesis
- Sample preparation

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003582000I	Hotplate C-Mag HP10	Each

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ACCESSORIES

ETS-D5 & ETS-D6 - Electronic Temperature Sensors

- Safe and precise temperature control
- Three operating modes - Control, Monitoring and Safety
- Ensures temperature control in liquid mediums, without going over the set temperature, even with quick heating
- Automatic switch-off of the temperature control function of the connected device after three minutes if the temperature probe is not immersed in the medium
- ETS-D6 includes integrated pH measurement

Technical Specifications

MODEL	ETS-D5	ETS-D6
TEMPERATURE MEASURING RANGE (WITH H62 SENSOR)	-10 – 400°C	
TEMPERATURE MEASUREMENT RESOLUTION	0.1K	0.01K
ACCURACY OF TEMPERATURE MEASUREMENT DIN IEC 751 CLASS A	±0.2 + tolerance PT1000	±0.05 + tolerance PT1000
SET TEMPERATURE RESOLUTION	0.1K	
HEAT CONTROL ACCURACY OF MEDIUM WITH SENSOR	±0.5K	±0.2K
pH MEASUREMENT	-	Yes / BNC socket
pH MEASUREMENT RANGE	-	0 - 14pH
ACCURACAY OF pH MEASUREMENT	-	±0.1pH
pH MEASUREMENT RESOLUTION	-	0.01pH
IMMERSION DEPTH MAX.	200mm	
PERMISSIBLE 'ON' TIME	100%	
DIMENSIONS (WxHxD)	82 x 83 x 22mm	96 x 98 x 45mm
WEIGHT	0.2kg	
PROTECTION CLASS DIN EN 60529	IP54	

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003378000I	Sensor Temperature ETS-D5 - Electronic	Each
0003378100I	Sensor Temperature ETS-D6 - Electronic	Each

Accessories for Temperature Sensors

0002735600I
H70 - Extension Cable 1m

0002735451I
H62.51 - Spare Sensor SS
3mm ø

0002735551I
H66.51 - Spare Sensor SS
Glass coated 6mm ø

0004499900I
H66.53 - Spare Sensor SS
'Safe' coated 3mm ø

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ACCESSORIES

Bosshead H44

For fastening the holding rod H38 to the support rod H16V.

- Clamping range - stand: 10 - 11mm
- Clamping range - extension arm: 11mm
- Made from cast aluminium

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0002437700I	Bosshead H44	Each

Holding Rod H38

For fastening the ETS-D5 or ETS-D6 to the H16V support rod.

- 10mm width
- 184.5mm length

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0003547700I	Holding Rod H38	Each

Support Rod H16V

Stainless steel support rod for magnetic stirrers with M10 thread bushing.

- 10mm diameter
- 450mm length
- Made from Stainless steel AISI304

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0001545100I	Support Rod H16V	Each

Support Rod H16.3 Extension Piece

For work with batch attachment over 180mm diameter.

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
0025000622I	Support Rod H16.3 Extension Piece	Each

CHECK OUT OUR LARGE RANGE OF MAGNETIC STIRRER HOTPLATES HERE

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