

IKA

designed for scientists



C-MAG HS 7 digital

/// Data Sheet

Magnetic stirrer with heating and ceramic heating plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 10 l (H₂O)
- Simultaneous digital display of target and actual temperatures via LCD display
- Directly connection for a PT 1000 temperature sensor enable a precise temperature control (included in delivery)
- Control accuracy in medium +/- 0,5 K (in combination with PT 1000)
- Display of actual temperature value in medium with 0,1 K resolution when using PT 1000 temperature sensor
- 3 operating modes to choose (standard, safe, adjustment protection)



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- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Digital error code display
- Elevated control panel for protection against leaking liquids



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Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	10
Motor rating output [W]	1.5
Direction of rotation	left
Speed control	scale 0 - 6
Speed range [rpm]	100 - 1500
Stirring bar length max. [mm]	80
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [+K]	28
Heat output [W]	1000
Heating temperature range [°C]	50 - 500
Heat control	LCD
Heating rate heating plate [K/min]	5
Connection for ext. temperature sensor	PT1000
Fixed safety circuit [°C]	550
Set-up plate material	ceramic
Set-up plate dimensions [mm]	180 x 180
Dimensions (W x H x D) [mm]	215 x 105 x 330
Weight [kg]	5
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230 / 120 / 100
Frequency [Hz]	50/60
Power input [W]	1020



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

