

# IKA

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## 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 (H<sub>2</sub>O)
- 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)

[www.ika.com](http://www.ika.com)

Subject to technical changes



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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 <sub>2</sub> 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 hotplate 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            |