

IKA

designed for scientists



C-MAG HS 7

/// 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)
- Fixed safety circuit of 550 °C
- Hot Top indicator >> 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

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Subject to technical changes



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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 adjustment | 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] | +1 |
| Heat output [W] | 1000 |
| Temperature display set-value | LED |
| Heating temperature range [°C] | 50 - 500 |
| Heat control | Turning knob |
| Temperature setting resolution of heating plate [K] | 5 |
| Connection for ext. temperature sensor | ETS-D5 |
| Fixed safety circuit [°C] | 550 |
| Set-up plate material | ceramic |
| Set-up plate dimensions [mm] | 180 x 180 |
| Heating rate (1l H ₂ O in H1500) [K/min] | 5 |
| Dimensions (W x H x D) [mm] | 220 x 105 x 335 |
| Weight [kg] | 5 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 21 |
| Voltage [V] | 120 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 1020 |