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C-MAG HS 10 digital

/// Data Sheet

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

- Powerful motor for stirring quantities of up to 15 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)
- Fixed safety circuit of 550 °C

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Subject to technical changes



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- 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] | 15 |
| Motor rating output [W] | 1.5 |
| 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] | 1500 |
| Temperature display set-value | LCD |
| Temperature display actual-value | LCD |
| Heating temperature range [°C] | 50 - 500 |
| Heat control | Turning knob |
| Heating rate heating plate [K/min] | 5 |
| Temperature setting resolution of heating plate [K] | 5 |
| Connection for ext. temperature sensor | PT1000 |
| Fixed safety circuit [°C] | 550 |
| Set-up plate material | ceramic |
| Set-up plate dimensions [mm] | 260 x 260 |
| Dimensions (W x H x D) [mm] | 300 x 105 x 415 |
| Weight [kg] | 8.308 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 21 |
| Voltage [V] | 230 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 1520 |