



designed for scientists



## RH digital

/// Data Sheet

Innovatively designed digital magnetic stirrer with heating. Bushing according to DIN 12878 for connecting an electronic contact thermometer, such as the ETS-D5. Highly accurate temperature control is possible with sensor placed directly in the medium. A high heat output of 600 watts and stainless steel compound hot plate ensures rapid heating. Adjustable safety temperature from 100 to 360 °C.

- Digital display of temperature and speed
- Soft-start of stirring motor
- Strong magnetic field and wide speed range for volumes up to 15 liters



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- Error code display
- Easy operation with touch keypad



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## Technical Data

|   |                        |
|---|------------------------|
| Number of stirring positions  | 1                      |
| Stirring quantity max. per stirring position (H <sub>2</sub> O) [l]         | 15                     |
| Motor rating output [W]   | 2                      |
| Direction of rotation   | left                   |
| Speed display set-value   | LED                    |
| Speed adjustment  | Button                 |
| Speed range [rpm]   | 100 - 2000             |
| Setting accuracy speed [rpm]  | 50                     |
| Stirring bar length [mm]  | 20 - 80                |
| Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [K] | +28                    |
| Heat output [W]   | 600                    |
| Temperature display set-value   | LED                    |
| Temperature unit  | °C                     |
| Heating temperature range [°C]  | 50 - 320               |
| Heat control  | Button                 |
| Temperature setting range [°C]  | 50 - 320               |
| Heating rate heating plate [K/min]  | 6                      |
| Connection for ext. temperature sensor                                      | ETS-D5                 |
| Adjustable safety circuit [°C]  | 100 - 360              |
| Set-up plate material   | stainless steel 1.4301 |
| Set-up plate dimensions [mm]  | Ø 135                  |
| Dimensions (W x H x D) [mm]   | 160 x 100 x 250        |
| Weight [kg]   | 3.845                  |
| Permissible ambient temperature [°C]  | 5 - 40                 |
| Permissible relative humidity [%]   | 80                     |
| Protection class according to DIN EN 60529                                  | IP 21                  |
| Voltage [V]   | 115                    |
| Frequency [Hz]  | 50/60                  |
| Power input [W]   | 620                    |