



designed for scientists



## RH basic white

/// Data Sheet

Newly designed, economic 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. High heat output of 600 watts and white ceramic heating plate ensures rapid heating and a very good chemical resistance. Adjustable safety temperature from 100 to 360 °C.

- Soft-start of the stirring motor
- Includes M 10 thread for a support rod
- Strong magnetic field and wide speed range for volumes up to 15 liters

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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 <sub>2</sub> O) [l]          | 15                  |
| Motor rating output [W]  | 2                   |
| Direction of rotation  | left                |
| Speed display set-value  | scale               |
| Speed control  | Turning knob        |
| Speed range [rpm]  | 100 - 2000          |
| 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  | scale               |
| Temperature unit   | °C                  |
| Heating temperature range [°C]   | 50 - 320            |
| Heat control   | scale               |
| Temperature setting range [°C]   | 0 - 320             |
| Connection for ext. temperature sensor                                       | ETS-D5              |
| Characteristics in the medium with temperature sensor                        | 1l M50 Oil at H1500 |
| Heating rate medium [K/min]  | 6                   |
| Adjustable safety circuit [°C]   | 100 - 360           |
| Set-up plate material  | technical enamel    |
| Set-up plate dimensions [mm]   | Ø 135               |
| Dimensions (W x H x D) [mm]  | 160 x 100 x 250     |
| Weight [kg]  | 2.8                 |
| Permissible ambient temperature [°C]   | 5 - 40              |
| Permissible relative humidity [%]  | 80                  |
| Protection class according to DIN EN 60529                                   | IP 21               |
| Voltage [V]  | 230 / 115 / 100     |
| Frequency [Hz]   | 50/60               |
| Power input [W]  | 620                 |