



RT 5

/// Data Sheet

5-position digital magnetic hotplate stirrer, designed for synchronous heating and stirring. The magnetic coil technology provides noiseless and consistent stirring on all positions. The surface temperature is infinitely adjustable up to 120 °C, producing a maximum medium temperature of 70 °C (depending on the used vessel). Speed remains constant, even when load changes.

- Homogeneous temperature distribution across the heating plate
- Adjustable reverse operation
- Eco-mode for a low self-warming of the surface



designed for scientists

- Wear free magnetic coils
- Error code display
- Easy operation with touch keypad
- Suitable for continuous operation
- Speed range: 0 - 1000 rpm



designed for scientists

Technical Data

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|---|------------------|
| Number of stirring positions | 5 |
| Stirring position distance [mm] | 90 |
| Speed deviation of individual stirring positions [%] | 0 |
| Stirring quantity max. per stirring position (H ₂ O) [l] | 0.4 |
| Maximum load [kg] | 5 |
| Speed adjustment | 10 RPM Steps |
| Speed range [rpm] | 0 - 1000 |
| Stirring bar length [mm] | 25 - 30 |
| Heat output [W] | 175 |
| Heating temperature range [°C] | room temp. - 120 |
| Heat control | LED |
| Adjustable safety circuit [°C] | 50 - 150 |
| Set-up plate material | Aluminium alloy |
| Set-up plate dimensions [mm] | 110 x 495 |
| Heating rate (1l H ₂ O in H1500) [K/min] | 3 |
| Dimensions (W x H x D) [mm] | 120 x 60 x 610 |
| Weight [kg] | 4 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 40 |
| Voltage [V] | 230 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 185 |