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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

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

Scope of delivery
•RT 5
•Silicone mat for protection and optimized temperature distribution

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Technical Data

Number of stirring positions	5
Stirring position distance [mm]	90
Speed deviation of individual stirring positions [%]	0
Stirring quantity max. per stirring position (H2O) [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 H2O 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