



designed for scientists



## RO 5

/// Data Sheet

5-position digital magnetic stirrer without heating, designed for synchronous stirring. The magnetic coil technology provides noiseless and consistent stirring on all positions. Speed remains constant, even when load changes. The closed and compact design allows easy cleaning and protects the equipment against the penetration of liquids. Additionally, a removable transparent anti-slip mat is included.

- Adjustable reverse operation
- Wear free magnetic coils
- Error code display



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- Easy operation with touch keypad
- Suitable for continuous operation
- Speed range: 0 - 1200 rpm



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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 (H <sub>2</sub> O) [l] | 0.4                    |
| Maximum load [kg]   | 5                      |
| Speed adjustment  | 10 RPM Steps           |
| Speed range [rpm]   | 0 - 1200               |
| Stirring bar length [mm]  | 25 - 30                |
| Set-up plate material   | stainless steel 1.4301 |
| Set-up plate dimensions [mm]  | 120 x 470              |
| Dimensions (W x H x D) [mm]   | 120 x 60 x 570         |
| Weight [kg]   | 3.66                   |
| Permissible ambient temperature [°C]                                | 5 - 40                 |
| Permissible relative humidity [%]                                   | 80                     |
| Protection class according to DIN EN 60529                          | IP 40                  |
| Voltage [V]   | 100 - 240              |
| Frequency [Hz]  | 50/60                  |
| Power input [W]   | 12                     |
| DC Voltage [V=]   | 24                     |
| Current consumption [mA]  | 500                    |