MAGNETIC STIRRER

PCE-MSR 1600



- **Stirring speed adjustable from 200 to 1,600 rpm**
- **Digital display for time and speed**
- **Timer: 1 s to 99 h 59 min**
- **Mode: timer and continuous operation**
- **Silicone stirring plate**
- **For a maximum of 20 liters of liquid**
- **Power supply: 220V AC | 50/60 Hz, 1 A**

The magnetic stirrer is designed for professional users in laboratories in the chemical, biotechnology, medical and food industries, as well as in research and development, who want to stir and mix liquids reliably. The magnetic stirrer has a continuously adjustable stirring speed of 200 to 1,600 rpm and a volume range of up to 20 liters (H_2O).

Speed and time can be precisely adjusted using two rotary knobs and are shown on the digital display, ensuring reproducible results. The time setting is flexible from 1 second to 99 hours and 59 minutes; at 00:00, the magnetic stirrer runs continuously and stops automatically after the set time with an acoustic signal.

Technically, the magnetic stirrer is driven by a brushless DC motor that operates quietly, with low vibration and maintenance-free. The work surface consists of a silicone pad with a diameter of 134 mm, and the robust housing ensures a secure footing and long-term laboratory use. The compact design with an inclined control panel (approx. 30°) allows for comfortable readability when sitting or standing.

Specification

Speed	
Measuring range	200 ... 1600 rpm
Resolution	1 rpm
Accuracy	±10 U/min

General technical data	
Display type	LCD
Display size	1,8 Inch
Dimensions	Stirring plate: Ø 134 mm Stirring rod: Ø 8 x 45 mm
Fuse(s)	250V, 1 A, Ø 5 x 20
Performance	20 W
Number of stirring points	1
Drive of the stirring points	Brushless motor
Max. Stirring quantity	20 l
Stirring plate material	Silicone
Timer from	1 s
Timer until	100 h
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	220V AC | 50/60 Hz, 1 A
Connector type	Cold-device plug
Operating conditions	4 ... 45 °C , 0 ... 70 % RH
Storage conditions	0 ... 50 °C , 0 ... 80 % RH
Dimensions (L x W x H)	270 x 160 x 70 mm
Weight	2046 g

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