

### **Magnetic Stirrer PCE-MSR 450**



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# Magnetic stirrer for liquids up to 20 I / For stirring rods from 24 to 60 mm/ 0.94 to 2.36 / IP 21 / Timer adjustable / Reverse stirring function / Stirring speed up to 2,200 rpm/ Slip detection mode / Keylock

The magnetic stirrer PCE-MSR 450 is a stirring instrument for up to 20 liters. The speed of the magnetic stirrer can be adjusted. It is possible to set speeds between 200 and 2200 revolutions per minute. These speeds can be set in steps of 10 revolutions per minute and are also changeable during operation of the magnetic stirrer. In addition to the stirring speed, it is also possible to set a timer. The user can run the magnetic stirrer between one and 999 minutes. In addition, continuous operation can be activated. The pulse mode can also be activated. Within a predefined time window, the magnetic stirrer then alternately stirs clockwise or counterclockwise. By default, the device will stir in a clockwise direction. In addition to the impulse function, the magnetic stirrer also has aslip detection mode.

The delivery includes a standard 25 mm / 0.98" stirring rod. A maximum of 60 mm/ 2.36" is possible here to stir large volumes of liquid. With such a stirring rod the maximum amount of liquid that can be stirred is 20 liters. The slow start-up and the continuous increase of the set speed prevents splashes.

- Quiet and wear-free drive
- 🕨 Timer
- Ceramic stirring field
- Variably adjustable 200 ... 2200 rpm
- Front display
- Reverse stirring function





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## **Specifications**

Motor

Accuracy

length

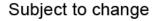
length

#### brushless DC motor (BLDC) Number of stirring points 1 Maximum stirring volume 20 l Stirring direction clockwise / pulse mode: alternating (clockwise / counterclockwise) Speed range 200 ... 2200 rpm (adjustable in steps of 10 rpm) +/- 1 rpm 24 / 60 mm (0.94 / 2.36") Stirring bar min. / max. Stirring bar recommended 25 mm (0.98") Stirring plate material Ceramic

Timer range (stirring time) 1 ... 99 min, infinite IP 21 Protection Environmental conditions +5 ... +40 °C (+41 ... +104 °F), 80 % r.H. Operating voltage 230 V AC 35 W Power consumption Dimensions of stirring 180 x 180 mm (7.08 x 7.08") plate Dimensions  $(L \times W \times H)$ 225 x 330 x 113 mm (8.85 x 12.99 x 4.44") 4.5 kg (9 lb 14.7 oz) Weight

#### More information







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