

## Magnetic stirrer with heating mantle RSM-12-F 250 and RSM-12-B 250

The new, revolutionary stirrer RSM-12-F250 and RSM-12-B250 offer the perfect combination of a classic magnetic stirrer and a heating mantle for round-bottom flasks or beakers. The brand-new device is a very popular product for laboratories in scientific research, industry and mining, food processing, biochemistry, agriculture, petrochemical, pharmaceutical, and educational sector. It is used for heating and incubation of liquids at a certain temperature. It provides fast and uniform heating with highly precise temperature control and strong stirring power.

### RSM-12-F 250 and RSM-12-B 250

- The smart magnetic stirrer can be flexibly set up with inter-changeable heating sleeves for 100 mL, 250 mL, 500 mL, 1,000 mL round-bottom flask, or flat bottom beakers.
- Even more flexible configurations: as a heating magnetic stirrer, or as a heating sleeve plus a magnetic stirrer.
- Maintenance-free, brushless DC motor.
- Heating sleeve made of high-quality Aluminum silicate fiber cotton with accurate temperature control, uniform heating and corrosion resistance.
- Strengthened magnetic fields with enhanced stirring power
- Sturdy metal housing.
- The "HOT" warning will flash if the work plate temperature is above 50 °C even when the hotplate is turned off.
- Two independent safety circuits for continuous monitoring of the equipment.

Technical data	RSM-12-F 250 and RSM-12-B 250
Temperature range	RT - 280 °C
Temperature accuracy	± 1 °C
Overhead protection	420 °C
Heated liquid temp. accuracy	±1 °C (<100 °C), ±1% (>100 °C)
External temp. sensor	PT-1000 (± 0,2 °C)
Speed range / Speed accuracy	200 – 1,500 / 20 rpm
Display	LCD
Voltage • Frequency	200-240 V • 50/60Hz
Heating power	240 Watt
Weight	3.7 kg
Ambient temperature	5-40 °C
Relative humidity	80 %
Safety class acc. DIN 60529	IP 21
Dimension (W x D x H)	295 x 160 x 160 mm

RSM-12-F 250



RSM-12-F 250 Stirrer with Heating mantle for 250 ml round-bottom flasks, PT-1000 and Stand  
 RSM-12-B 250 Stirrer with Heating mantle for 250 ml flat-bottom beaker, PT-1000 and Stand

### Accessories

RSM-F 100	Heating mantle for 100 mL round-bottom flask, in connection with stirrer RSM-12..., 210 W
RSM-F 250	Heating mantle for 250 mL round-bottom flask, in connection with stirrer RSM-12..., 240 W
RSM-F 500	Heating mantle for 500 mL round-bottom flask, in connection with stirrer RSM-12..., 380 W
RSM-F 1000	Heating mantle for 1,000 mL round-bottom flask, in connection with stirrer RSM-12..., 440 W
RSM-B 100	Heating mantle for 100 mL flat-bottom beaker, in connection with stirrer RSM-12..., 210 W
RSM-B 250	Heating mantle for 250 mL flat-bottom beaker, in connection with stirrer RSM-12..., 240 W
RSM-B 500	Heating mantle for 500 mL flat-bottom beaker, in connection with stirrer RSM-12..., 380 W
RSM-B 1000	Heating mantle for 1,000 mL flat-bottom beaker, in connection with stirrer RSM-12..., 440 W

RSM-E 400 FI Circuit breaker, 10mA - Protective contact 230 V,16A