



### Overview

Hotplate Magnetic Stirrer is a motor driven stirring pan with constant supply of adjustable temperature and speed. The stirrer enables in achieving smooth mixing, dilution, dissolving and emulsification procedures under specified conditions. It is resistant to corrosive chemicals and equipped with data interface. The magnetic stirrer is integrated with heating system to increase the solubility of a chemical compound

### TECHNICAL SPECIFICATION:-

- Work plate material: Stainless steel with ceramic coating
- Work plate size:  $\Phi$  135 mm
- Stirring capacity: 20 L
- Magnetic bar length: 80 mm
- Stir speed: 100 -1500 rpm
- Speed resolution:  $\pm$  1 rpm
- Motor power input: 18 W
- Motor power output: 10 W
- Heating output: 500 W
- Temperature range: Room temperature  $\sim$  340°C
- Temperature control accuracy: N/A
- Temperature display accuracy:  $\pm$  0.5°C
- Maximum temperature: 360 °C
- Display: Scale
- Temperature sensor: N/A

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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- Data interface: N/A
- Ambient temperature: 5°C - 40°C
- Relative humidity: 0.8
- Power supply: AC 100-120V /200-240 V; 50/60 Hz
- Dimension (W × D × H): 160 × 280 × 85 mm
- Weight: 2.8 kg

### Features :

- >Explosion-proof, brushless DC motor
- >Compact and ergonomic design
- >Capable of stirring large volumes
- >Adjustable Heating power and stirring speed
- >Smooth start and quick stop
- >Display of "HOT" flash warning

### Applications :

It is an essential equipment used in analytical laboratories and industries such as petroleum, chemistry, medicine, environment protection, biochemistry, education and scientific research etc.

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