

HOT PLATE MAGNETIC STIRRER



- **Max. heating temperature is 380°C**
- High resolution **LCD displays actual temperature and speed**
- **Brushless DC motor** is maintenance free
- Aluminum cover with ceramic work plate, allows for immediate heat transfer
- External temperature control is possible with **temperature sensor PT1000**
- **Digital temperature control** with max. temperature at 380°C
- **Digital speed control** with max. speed up to 1500rpm
- Max. stirring quantity of H₂O at 5L

SPECIFICATIONS:

- 1) **Work Plate Dimension:** 140 X 140 mm
- 2) **Work Plate Material:** Aluminum Coating with Ceramic Cover
- 3) **Motor Type:** Brushless DC Motor
- 4) **Motor Rating Input:** 2.4 W
- 5) **Motor Rating Output:** 1.8W
- 6) **Power:** 510W
- 7) **Heating Output:** 500W
- 8) **Voltage:** 100-120/200-240V 50/60Hz
- 9) **Stirring Position:** 1
- 10) **Max. stirring quantity[H₂O]:** 5 L
- 11) **Max. magnetic bar[length]:** 50 mm
- 12) **Speed range:** 200-1500 rpm
- 13) **Speed display:** LCD
- 14) **Temperature Display:** LCD
- 15) **Heating temperature range:** Room temp.+5°C - 380°C
- 16) **Over heat Protection:** 420 C
- 17) **Temperature display accuracy:** ±0.1°C
- 18) **External temperature sensor:** PT1000 (accuracy ±0.5°C)
- 19) **Control accuracy of sensor:** ±20rpm
- 20) **Protection class:** IP21
- 21) **Dimension [W x D x H]:** 320 x 180 x 108mm
- 22) **Permissible ambient temperature and humidity:** 5-40°C, 80%RH