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# ZMS-102 ADH

HOTPLATE MAGNETIC  
STIRRER



## Hotplate Magnetic Stirrer

- LCD display for precise monitoring of speed and temperature.
- Digital speed controlling, max. speed at 1500rpm.
- Max. heating plate temperature 550°C.
- External temperature control is possible by connecting the temperature sensor (PT1000) with an accuracy at  $\pm 0.2^{\circ}\text{C}$ .
- The “HOT” warning will flash when the work plate temperature is above 50 °C even when the hotplate is turned off.

### Specifications

### ZMS-102 ADH

Work plate dimensions	184 × 184mm (7 inch)
Work plate material	Glass ceramic
Motor type	Brushless DC motor
Stirring positions	1
Max. stirring quantity, [H2O]	20L
Max. magnetic bar [length]	80mm
Speed range	100-1500rpm resolution $\pm 1\text{rpm}$
Speed display	LCD
Temperature display	LCD

Heating temperature range	Room Temp. -550°C, increment 1°C
Temperature control accuracy	±1°C(<100°C) ±1%(>100°C)
Overheating protection	580°C
Temperature display accuracy	±0.1°C
External temperature sensor	PT1000 (accuracy ±0.2)
"Hot" warning	50°C
Data connector	RS232
Protection class	IP21
Motor rating input	18W
Motor rating output	10W
Power	1050W
Heating output	1000W
Voltage	100-120/200-240V 50/60Hz
Dimension [WxDxH]	215 × 360 × 112mm
Weight	5.3kg
Permissible ambient temperature and humidity	5-40°C, 80%RH