



Hotplate Stirrer / Hotplate

7" inch hotplate magnetic Stirrers 550°C series are suitable for various heating and mixing applications with excellent chemical resistance, compact shape and efficient heat transfer. They are widely used in every field of science like biology, chemistry, physical science, pharmaceutical science etc.

Features:

- ◆ Microprocessor PID controls.
- ◆ RS232 interface enables data preservation and control by a PC.
- ◆ LCD/LED display with speed and temperature control knobs.
- ◆ Max. heating temperature of 550°C.
- ◆ Ceramic work plate of 184x184mm.
- ◆ Speed is adjustable from 100 to 1500rpm.
- ◆ "Hot" safety indication on LCD when the plate temperature is above 50°C.
- ◆ PT1000 external temperature sensor for precise temperature control.
- ◆ Ceramic work plate with a high power of 1050W reaches a maximum temperature of 550°C.



AHS-101

AHS-102



AHA-201

Technical Specifications:

Model	AHS-101	AHS-102	AHA-201
Type	Hotplate Stirrer		Hotplate
Work plate Dimension [W x D]	184x184mm (7 inch)		
Work plate material	Glass ceramic		
Motor type	Brush less DC motor	Shaded pole motor	---
Motor rating input	18W	15W	---
Motor rating output	10W	1.5W	---
Power	1050W	1030W	1010W
Heating output	1000W		
Voltage	100-120/200-240V 50/60Hz		
Stirring positions	1	1	---
Max. stirring quantity, [H2O]	20L	10L	---
Max. magnetic bar[length]	80mm	80mm	---
Speed range	100-1500rpm	0-1500rpm	---
Speed display	LCD	Scale	---
Temperature display	LCD	LED	LED
Heating temperature range	Room Temp.-550°C, increment 1°C	Room Temp.-550°C, increment 5°C	
Temperature control accuracy	±1 °C (<100°C) ±1%(>100°C)	±10°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		
Dimension [WxDxH]	215x360x112mm		
Weight	5.3kg		
Permissible ambient temperature and humidity	5-40°C, 80%RH		

Accessories

