



ASHC Series

Magnetic Stirrer Hot Plate

Key Features

- ☉ Glass ceramic top material;
- ☉ Analog and digital;
- ☉ Heating and stirring.

Product Description

Magnetic Stirrer Hot Plate For ASHC Series

1. Proportional Voltage or Thermal-Regulator
 - Simple, Economic, Less Accurate
2. PID control
 - Accurate, Stable
3. Additional external sensors in digital display models
 - used for monitoring or controlling the solution temperature.
4. "Safe sample temp lock" function in advanced models
 - machines turned off if temperature > 3 °C of the set temperature.
5. Timer
 - Up to 999 minutes can be set for heating.

Stirring Control:

1. Control the speed with sensors
 - Constant speed
 - No disengagement of the stir bar
 - Gradual increase in speed
2. Brushless motors used in the digital display modes
 - Independent from the input voltage
 - Constant speed
 - No disengagement of the stir bar
 - Gradual increase in speed
3. Step motors in low speed
 - Gentle, low movement.



ASHC-303/304



ASHC-305/306



ASHC-301/302

Top Materials:

- 1&2. Glass ceramic top
 - High heating temperature
 - Anti-corrosive
 - Less uniformity across the plate
 - Frequently used in heating solution;

Different Size and Shape:

- Small, large, square, round, multi-position

☉ Description of magnetic stirrer hot plate:

Model	ASHC-301	ASHC-302	ASHC-303	ASHC-304	ASHC-305	ASHC-306
Control	Analog	Analog	Digital Heating and Stirring	Digital Heating and Stirring	Digital heating, Analog stirring	Digital heating, Analog stirring
Plate (mm)	160×160	300×300	160×160	300×300	160×160	300×300
Max. Temp	550°C	550°C	550°C	550°C	550°C	550°C
Stirrer Speed(rpm)	150-1500	150-1500	150-1500	150-1500	150-1500	150-1500
Power Supply	230V,50HZ or 110V,60Hz					
Dimension (mm)	220x240x145	330x380x145	220x240x145	330x380x145	220x240x145	330x380x145