



ASHA Series

Hotplate Stirrer Two Control Type



ASHA-501



ASHA-502/ 503



ASHA-504/ 505/ 506



ASHA-507/ 508/ 509

Key Features

- Generate the eddy current when stirring and reduce the stirring power
- Top quality

Product Description

Heating Control:

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

Stirring Control:

- Control the speed with sensors – Constant speed, No disengagement of the stir bar, Gradual increase in speed
- 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
- Step motors in low speed – Gentle, low movement.

Top Materials:

- 1&2. Glass ceramic top – High heating temperature, Anti-corrosive, Less uniformity across the plate, Frequently used in heating solution;
3. Aluminum top – Good heat transfer rate, Better uniformity across the plate: used in heating sample on the plate, Generate the eddy current when stirring and reduce the stirring power
4. Stainless steel top – Good uniformity and heat transfer rate, No eddy current to get more powerful stirring, More expensive, Max temperature only at 300 °C

Different Size and Shape:

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

Aluminum Top Stirrer Hotplate:

Model	ASHA-501	ASHA-502	ASHA-503	ASHA-504	ASHA-505
Control	Analog	Analog	Analog	Digital Heating, Analog Stirring	Digital Heating, Analog Stirring
Plate(mm)	150 Diameter round top	178×178	300×300	178×178	150 Diameter round top
Max. Temp	350 °C				
Stirrer Speed(rpm)	150-1500				
Power Supply	230V,50HZ or 110V,60Hz				

Model	ASHA-506	ASHA-507	ASHA-508	ASHA-509
Control	Digital Heating, Analog Stirring	Digital Heating and Stirring	Digital Heating and Stirring	Digital Heating and Stirring
Plate(mm)	300×300	150 Diameter round top	300×300	178×178
Max. Temp	350 °C			
Stirrer Speed(rpm)	150-1500			
Power Supply	230V,50HZ or 110V,60Hz			