



ASC Series

Magnetic Stirrer Ceramic Top Material



ASC-201/202



ASC-203/204

Key Features

- ① 1.MOQ=3
- ② 2.Magnetic stirrer with Ceramic Top Material

Product Description

combination of the following technologies and Materials: 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 mode.
- 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

① Description of magnetic stirrer hot plate:

Model	ASC-201	ASC-202	ASC-203	ASC-204	ASA-201 (Aluminum Top)
Control	Analog	Analog	Digital	Digital	Analog
Plate(mm)	160×160	300×300	160×160	300×300	150 Diameter round top
Stirrer Speed(rpm)	150-1500	150-1500	150-1500	150-1500	150-1500
Power Supply	230V,50HZ or 110V,60Hz				
Dimension (mm)	220x240x135	330x380x125	220x240x135	330x380x125	190x260x115