

SCI500HS-Pro

LCD Digital Magnetic
Hotplate Stirrer

Specifications

Work plate Dimension [W x D]	254x254mm (10inch)
Work plate material	Glass ceramic
Motor type	Brushless DC motor
Stirring positions	1
Max. stirring quantity, [H ₂ O]	30L
Max. magnetic bar[length]	80mm
Speed range	100-1500rpm resolution±1rpm
Speed,Time,Temperature display	LCD
Timer display	1min-99h59min
Heating temperature range	Room Temp.-500°C, increment1°C
Temperature control accuracy	±1°C (<100°C)±1%(>100°C)
Overheating protection	540°C
Temperature display accuracy	±0.1°C
External temperature sensor	PT1000(±0.2°C)
"Hot" warning	50°C
Data connector	SD card
Protection class	IP21
Power	1400W
Heating output	1350W
Voltage Frequency	100-120/200-240V 50/60Hz
Dimension [WxDxH]	328x424x138mm
Weight	7.18kg
Permissible ambient temperature and humidity	5-40°C, 80%RH



Features

- ▶ Large volume:Up to 30L of liquid on 10-inch hot plate with powerful magnetic stirring
- ▶ Glass ceramic work plate provides excellent chemical resistant performance and efficient heat transfer
- ▶ LCD display for precise monitoring of speed and temperature. Liquid temperature control is possible by connecting the temperature sensor (PT1000) with an accuracy at±0.2°C
- ▶ Digital speed control of 100~1500 rpm
- ▶ Max.heating plate temperature 500°C
- ▶ The "HOT" warning will flash when the work plate temperature is above 50°C even when the hotplate is turned off
- ▶ Data connector:The SD card records the instrument's running data in real time.
- ▶ Timing function:the running time of the instrument can be set.