

Magnetic Hotplate Stirrers

SCI340H-4

LCD 4-Channel Digital Magnetic Hotplate Stirrer



It is widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals etc.

Features

- Independent heating and stirring control
- LCD display shows actual temperatures and speed
- PID controller ensures a precise and steady heating process, Max. temperature up to 340°C
- Brushless DC motor enables more powerful speed control
- External temperature sensor(PT1000) with accuracy at 0.2°C
- Overheating protection temperature at 420°C
- Stainless steel work plate with ceramic coating provides good chemical-resistant performance
- A wide variety of accessories are available

Specifications

	SCI340H-4
Work plate dimension	Φ 134mm (5inch)
Plate material	Stainless steel with ceramic coating
Motor type	Brushless DC motor
Motor rating input[W]	1.8W × 4
Power[W]	515W × 4
Heating Power[W]	500 × 4
Voltage	100-120V,60Hz; 200-240V,50 Hz
Stirring positions	4
Max. stirring quantity of single position (H2O)	10L
Max. magnetic bar[mm]	40
Speed range[rpm]	200-1500
Speed display	LCD
Temperature display	LCD
Control accuracy of sensor[rpm]	± 20
Temperature range[° C]	25-340°C
Over temperature protection[° C]	420
Temperature display accuracy[° C]	± 0.1
External temp. sensor	PT1000 (Accuracy ± 0.2 °C)
IP Protection class	IP21
Dimensions[WxDxH][mm]	698*270*128
Weight[kg]	9.5kg
Permissible ambient temperature[° C]	5 ~ 40
Permissible relative humidity	80%