

SC-H-I

STANDARD COMPACT HOT PLATE

The SC-H-I is a standard benchtop hot plate system designed with a 200 mm × 200 mm heating area. Built with stainless steel chassis construction and thermal insulation engineering, it supports continuous 24/7 heating operations with continuously adjustable temperature setpoints up to 300°C.



AT A GLANCE

Heating Area	200 × 200 mm
Max Temperature	300°C
Temp Uniformity	± 3 %
Chassis Build	Stainless Steel
System Weight	6.5 kg

Thermal Insulation Architecture

Incorporates a dedicated thermal insulation envelope to minimize heat leakage, maintaining surface active temperatures equal to setpoint values.

Stainless Steel Hot Plate

Constructed with a heavy-duty stainless steel heating plate and exterior casing for chemical resistance and long-term mechanical stability.

Continuous Temperature Control

Features continuously adjustable temperature setpoints up to 300°C via a digital PID loop controller.

Continuous Operation Support

Designed with solid-state relay electronics supporting 24/7 continuous heating operations in standard laboratory environments.

Technical Specifications

Process Capabilities & Thermal Performance	
Hot Plate Dimension	200 × 200 mm (8 inch)
Maximum Temperature	300 °C (continuously adjustable)
Temperature Uniformity	±3%
Operation Capability	Supports 24/7 uninterrupted operation
Control System & Interface	
Control Method	PID digital temperature loop control
R&D / Origin	Designed by American Setcas team, assembled in Beijing
Installation Method	Horizontal desktop placement
Power & Facilities	
Operating Voltage	AC 100-240V, single phase
Power Consumption	600 W (typical)
Facilities & Mechanical Data	
Product Dimension (W×D×H)	210 mm × 220 mm × 160 mm
Package Size (W×D×H)	37.5 cm × 37 cm × 31 cm
System Weight	6.5 kg
Shipping Weight	9.25 kg
Operating Environment	0 - 40 °C / < 85% RH
Warranty	1 Year

SETCAS ELECTRONICS CO., LIMITED

Address: FLAT 1215, 12/F, HARBOUR INDUSTRIAL CENTRE, 10 LEE HING STREET, AP LEI CHAU, HKSAR
WhatsApp: +1 (858) 733-4202 | Website: www.setcaslab.com | Sales: sales02@setcas.hk / Support: support@setcas.com