

Shaking Incubator

The vertical Constant Temperature Shaker incubators are Multi-stage speed, temperature, time control system. It has an ultra-low speed running function and a unique dynamic balance design to ensure smooth running.



Model: SI-50C (Vertical Model)



Spring Tray (Standard supply)



Adjustable Bar Tray (Optional)



Model: SI-50CH (Horizontal Model)

Technical Specifications

Model	SI-50	SI-50C	SI-60C	SI-100	SI-100C
Volume Liter	50	50	60	100	100
Chamber dimensions mm	400x400x320	400x400x640	420x420x350	400x400x320	400x400x640
Shaker Flask Capacity	4 x 500 ml, 9 x 250 ml, 16 x 100ml, 16 x 50 ml, 16 x 25 ml			2 x 4 x 500 ml, 2 x 9 x 250 ml, 2 x 16 x 100ml, 2 x 16 x 50 ml, 2 x 16 x 25 ml	
Shaking Rack	Single			Double	
Temperature Range	Ambient +5 to +65°C	+10°C to 65°C		Ambient +5 to +65°C	+10 to 65°C
Temperature Resolution	+/- 0.1°C				
Temperature Stability	+/- 1.5°C				
Homogeneity/Uniformity	+/- 2.0°C				
Temperature Controller	PID Microcontroller with auto tuning				
Temp. Display	LCD				
Cooling System	No	Compressor cooling		No	Compressor cooling
Safety	Over and under Voltage and Short Circuit protection, Over heat Protection, Sensor break Signaling				
Shaker Speed Range (rpm)	1~200 (Orbital)				
Shaker Speed Display	LCD				
Shaker Speed Time Range	1~9999Min/Hr				
Speed Operation Mode	Continuous/timed operation				
Ambient Temp.	5~40°C				
Material	Interior: SS304, Outer: Power Coated Steel or Stainless steel				
Power Watt	400	500	600	500	600
Power Supply	220V AC, 50 Hz				

Optional



5/7 inch Touch Screen Controller

Features

- ❖ High-resolution touch screen, beautiful interface, multiple sets of data can be displayed on one screen, easy to operate,
- ❖ Intelligent fuzzy PID control, fast heating speed, high control accuracy, and can be expanded to multi-stage programming control;
- ❖ It can control brushless DC motor and servo motor system, can control the forward and reverse rotation of the motor, with greater torque, less noise and more precise speed control;
- ❖ With three-level authority management function for FDA requirement;
- ❖ With scheduled operation function, timing function and power-off memory function;
- ❖ The controller has a screen lock function to avoid human touch operation errors;
- ❖ It has the functions of real-time curve viewing and historical data storage and export, and can expand remote communication and U disk, printer and other functions.

Customized size available on request