

## Stability Chamber

A Stability Testing Chamber allows for the conduct and monitoring of chemical, biological, and microbiological tests. Within the chamber, products can be tested to see if factors such as humidity, light and temperature influence products whilst they are being stored.



LCD Display



Optional

- High resolution touch screen, aesthetic and elegant interface, multiple sets of data displayed on one screen, easy to operate
- Intelligent fuzzy PID control, combined with the inverter compressor and electronic expansion valve automatic control system, while reducing the power consumption of the whole machine, greatly improves the temperature and humidity control accuracy and range;
- Programmable control and preset program modes are optional;
- Multiple modes of defrosting and illumination control;
- Three-level permission management and operation log function to improve the safety and traceability of the experiment;
- It has the function of appointment running, timing and power-off memory;
- The controller has screen locking function to avoid migration
- It has functions of real-time curve view, historical data storage and export, and can be extended to remote communication, USB flash disk, printer and other functions.

Model	SC-150	SC-200	SC-250	SC-300	SC-360	SC-588	SC-800	SC-1000
Volume Liter	150	200	250	300	360	588	800	1000
Chamber size (WDH) cm	50x50x60	50x40x100	50x42.5x118	50x50x120	50x60x120	70x70x120	80x80x120	80x80x157
Temperature Range	+25°C to 60°C							
Temperature accuracy	+/- 0.1°C							
Temperature Resolution	+/- 0.1°C							
Temperature Uniformity	+/- 2.0°C							
Humidity Range	50%-90%							
Humidity Resolution	+/- 1.0°C							
Humidity Stability	+/- 5% RH							
Controller	PID Microcontroller with auto tuning and Temperature calibration facilities inbuilt							
Temperature Sensor	Pt 100/NTC							
Display	LED							
Heater	SS Finned Heater							
Safety	Over Voltage-Under Voltage protection, Over heat Protection, Sensor break Signaling, Short Circuit Protection							
Tray Pcs.	3	4	4	4	4	5	6	6
Door	Single							
Material	Chamber and Outside: Stainless Steel							
Power Supply	220V AC, 50 Hz							