

Walk-in Stability Chamber

A Stability 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.

Designed as per **ICH** guidelines to meet **WHO** and **USFDA** requirement and **fulfills storage conditions of**

25° C - 60% RH

40° C - 75% RH

30° C - 65% RH

30° C - 75% RH



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.

Volume Liter	3000- 30000
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
Temperature Sensor	Pt 100
Display	LCD / Touch Screen
Heater	SS Finned Heater
Cooling System	Dual Compressor Cooling System with auto switching
Safety	Over Voltage-Under Voltage protection, Over heat Protection, Sensor break Signaling, Short Circuit Protection
Door	Single
Material	Chamber and Outside: Stainless Steel
Power Supply	1Ph, 220V AC, 50 Hz / 3Ph, 220V AC, 50 Hz