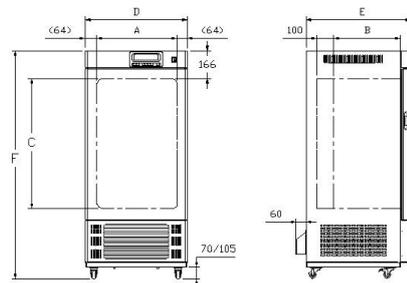


Constant Temperature Humidity Chamber

The constant temperature & humidity chamber is equipped with precise control system of temperature and humidity, which provide various necessary environmental simulative conditions for industrial research and biotechnology test. Widely applied in sterile test and stability check-up of textile, pharmaceuticals, food processing, as well as test material, performance, packing and life time of industrial products.

Features:

- ◆ Double door structure, built-in large wide Angle glass door, easy for users to observe samples without dead Angle.
- ◆ Patent double greenhouse temperature control system, greatly improve the temperature uniformity in the chamber.
- ◆ Refrigerating capacity intelligent control system, automatically adjust the compressor refrigeration power, and with cold reflux function, help the compressor Rapid cooling, prolong the life of the compressor.
- ◆ Standard with large LCD display, multiple groups of data a screen display, menu type operation interface, easy to understand, easy to operate.
- ◆ The mirror stainless steel inner bladder, four corners of the semi-arc design, easy to clean the spacing of the shelves in the chamber is adjustable.
- ◆ The use of international brand compressor, independent research and development of compressor cooling system, can effectively prolong the life of the compressor.
- ◆ JAKEL tube flow circulating fan, unique design of air duct, to create a good air circulation convection, to ensure temperature uniformity.
- ◆ PID control mode, temperature control precision fluctuation is small, with timing function, the maximum time set value of 99 hours 59 minutes.
- ◆ Committed to the world environmental health initiative, the use of 134A fluorine free refrigerant, high efficiency, energy saving, environmental protection.



Options:

- ◆ BOD special socket -- built-in power socket, easy to power the built-in instrument.
- ◆ Intelligent program controller -- 30 programming functions to meet the requirements of complex experiments.
- ◆ Embedded printer -- easy for customers to print data.
- ◆ Independent temperature limit alarm system -- when the temperature exceeds the limit, the heating source will be forcibly stopped to ensure the safety of your laboratory.
- ◆ RS485 interface and special software -- connect computer, export experimental data.
- ◆ Test hole 25mm/50mm -- can be used to test the actual temperature of the working room.

Standard Configuration

- ◆ Tank: Stainless steel (ASTM304)
- ◆ Internal: galvanized stainless steel shelf (70L to 150L: 2 pieces, 250L to 500L: 3 pieces)
- ◆ body: cold rolled steel plate forming spray plastic
- ◆ metert: large LCD color screen controller
- ◆ Plug: optional
- ◆ Installation: All models are equipped with lockable mobile casters (2 with lock, 2 directional)

Specifications:

Model	AE-LS100SC	AE-LS150SC	AE-LS250SC	AE-LS500SC
Power Requirement	AC220V 50HZ			
Temperature Range	0~65℃			
Temperature Stability	High±0.3℃;Low±0.5℃			
Display Resolution	0.1℃			
Humidity Range	40~95%RH			
Humidity Stability	±3~5%RH			
Timing Range	1~9999min			
Power Consumption	1100W	1400W	1950W	3200W
Interior Dimension (W×D×H mm)	450×380×590	480×400×780	580×500×850	700×700×1020
External Dimension (W×D×H mm)	580×665×1180	610×685×1370	710×785×1555	830×925×1795
Volume	100L	150L	250L	500L