

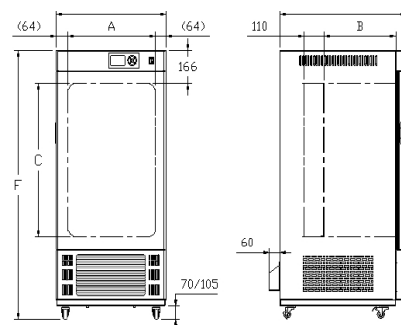


Biochemical Incubator (BOD)

The biochemical (BOD) incubator is used for environmental protection, anti-epidemic, drug inspection, crop-livestock and aquatic products etc., which is applied in scientific research institutions, college and manufacture department. It is a specialized constant temperature equipment for water analyzing, BOD test, cultivation and storage of bacteria, mold, microorganism, plant and seed.

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 separator 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.



The 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
- ◆ Instrument: large LCD color screen controller
- ◆ Plug: optional
- ◆ Installation: All models are equipped with lockable mobile casters (20K with lock, 2 directional)

Options:

- ◆ Intelligent program controller
- ◆ Independent temperature limiting controller
- ◆ BOD socket
- ◆ Embedded printer
- ◆ RS485 interface and dedicated software
- ◆ The test of 25 mm / 50 mm holes

Specifications:

Model	AE-LH70F	AE-LH150F	AE-LH250F	AE-LH500F
Temperature Range	0~65℃			
Power Requirement	AC220V 50HZ			
Temperature Stability	High $\pm 0.3^{\circ}\text{C}$; Low $\pm 0.5^{\circ}\text{C}$			
Display Resolution	0.1℃			
Temperature Uniform	$\pm 1.0^{\circ}\text{C}$ (at 25℃)			
Timing Range	1~9999min			
Power Consumption	500W	900W	1150W	2050W
Interior Dimension (W×D×H mm)	450×320×500	480×400×780	580×500×850	700×700×1020
External Dimension (W×D×H mm)	580×625×1090	610×685×1370	710×785×1555	830×925×1795
Volume	70L	150L	250L	500L
Shelves	2pcs	2pcs	3pcs	3pcs