



BOD Biochemical Incubator

Model: CY-5-I



1.Application

BOD biochemical incubator (BOD Incubator, the same below) is a BOD test equipment that integrates heating and cooling functions. It is an ideal choice for colleges, environmental protection, scientific research, health, epidemic prevention, petroleum, chemical and other units. .

It is widely used in BOD determination of water body analysis, cultivation and preservation of microorganisms, viruses, plants, algae cells and tissues, plant cultivation and breeding, and other constant temperature tests.

2.Main Features

1. The Incubator body is made of high-pressure polyurethane, which has excellent heat preservation performance and is firm and firm.
2. The outside of the Incubator is sprayed with high-quality cold-rolled steel plate. The inside is made of brushed stainless steel inner tank, and the spacing of the shelves in the Incubator is adjustable.
- 3, the use of brand compressors, the use of environmentally friendly fluorine-free refrigerant (R134a), high efficiency, low energy consumption, energy saving and environmental protection.
- 4, microcomputer PID control, accurate and reliable temperature control, less fluctuations, with timing function.
- 5, SMOOTH overall air duct uniform system, temperature control is more accurate.
- 6, independent temperature limit alarm system, double temperature limit ($\pm 4^{\circ}\text{C}$ and upper limit 70°C) protection, automatically interrupted beyond the limit temperature.

7. Reserve printer or RS485 interface, connect printer and computer, record temperature change parameters.
- 8, LED display, clock display and timing function to facilitate observation of training time, you can set the timing time of 0-9999 minutes.
9. The left side of the Incubator has a test hole with a diameter of 30mm, which is convenient for experimental operation and temperature measurement.
10. Self-diagnosis function, automatic monitoring of faults and visual indication of fault codes.
11. The BOD special socket is installed in the Incubator.

3. Technical Parameters

Model	CY-5-I
Capacity(L)	100
Temperature Control (°C)	5~65°C
Temperature resolution(°C)	0.1°C
Temperature fluctuation (°C)	±0.3°C
temperature uniformity (°C)	±0.8°C
Refrigerant	R134a
Power consumption (W)	179W
Power	220VAC 50Hz
Inner dimension(cm)	45×43×53
Outer dimension (cm)	52×52×110
Other	Polyurethane integral foaming, brushed stainless steel liner