

Large Capacity Vertical Type Shaking Incubator Double Door Double Layer

Introduction:

The Vertical Type Shaking Incubator is a versatile laboratory device designed for cultivating microorganisms, cell cultures, and other biological samples that require controlled temperature and shaking conditions.

Features:

- The first cutting-edge USB data recording system. The data of the whole experiment process was automatically recorded.
- U disk to record the whole process of experimental data(temperature, speed, time can be recorded).
- Download data automatically tabulated to save and print. Mouse click to easily replay the experiment process. It is convenient to optimize reaction conditions, screen experimental methods, and confirm the experimental process.
- Multi-section speed, temperature, time control system. A variety of different speed, temperature and time experimental modes can be set at one time, and the operation mode can be automatically changed during operation.
- Super low speed start, the speed is out of control, automatic lock, adjustable starting speed. Unique dynamic balance design to ensure smooth operation.
- Silent fan design, forced convection mode and unique air duct design ensure good temperature uniformity.
- Automatic refrigeration mode, using environmentally friendly refrigerant, can automatically adjust the opening and closing of the refrigeration system according to the change of environmental temperature, without manual operation. (Refrigeration type)
- Intelligent refrigeration frost-free operation technology, automatic defrosting function, defrosting time and defrosting interval can be set freely, so that the equipment can run stably for a long time under low temperature. And has the refrigeration delay start function, effectively protect the compressor (Refrigeration type)
- Users can freely set three operation modes: forward, reverse and forward and reverse.
- LCD liquid crystal display, temperature, time, speed with the interface display.



Technical Parameters:

Model	BL-ID11-02X	BL-ID21-02X
Capacity	335L	
Temperature Control Range	Ambient temperature+5~65°C	4~65°C (@20°C)
Temperature Control Accuracy	±0.1°C	
Temperature Uniformity	±0.5°C (@37°C, effective working surface)	
Temperature Fluctuation	≤0.1°C (@37°C)	
Timing Range	0~9999h/min (Can be untimed, continuous operation)	
Control Mode	PID microcomputer control	
Display	LCD display	
Circulation Mode	Forced convection	
Oscillation Mode	Rotary shaking	
USB Data Download Processing System	Yes	
Control System	Standard mode; static mode; persistent mode; program control mode (Multi-section temperature, speed, time control)	
Cyclotron Frequency Range	0, 20~350rpm (Can do static culture, cross or alternate operation)	
Cyclotron Frequency Accuracy	±1rpm	
Swing Amplitude of The Plate	Φ26mm(Can be customized Φ35(20~250rpm), Φ50(20~200rpm)	
Refrigerant	/	R134a/210g
Standard Capacity	250ml*28, 500ml*22	
Max Capacity	Clamp Flask: 100ml*100 or 250ml*56 or 500ml*44 or 1000ml*24 Haftplatte: 100ml*120 or 250ml*70 or 500ml*44 or 1000ml*24	
Defrost Function	/	Automatic defrosting
Auxiliary Function	Ultra-low speed start, adjustable start speed, over-speed automatic protection, monitoring timer, parameter memory, call recovery, refrigeration unit overload protection and call delay start(for BJPX-2102D), upper and lower limit over-temperature sound and light alarm, automatic stop upon opening door, set parameters to check, monitor temperature and ambient temperature correction	

Material	External material: ABS; Internal material: stainless steel	
Power Supply	AC220V, 50Hz(Standard); 220V, 60Hz; 110V, 50/60Hz(Optional, external transformer)	
Consumption	900W	1150W
Shelves	710*455mm, 2pcs	
Standard Accessories	Clamp Flask: 250ml*28, 500ml*22, shelf*2	
Optional Accessories	Lighting function, UV disinfection function, printer, haftplatte	
External Size(W*D*H)	950*700*1280mm	
Package Size(W*D*H)	1050*820*1490mm	
Net Weight	240kg	
Gross Weight	280kg	