

## Vertical Type Shaking Incubator (Single Door & Double Layer)



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**Features:**

- \* 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	BJPX-1102D	BJPX-2102D
Capacity	175L	
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	0~9999 h/min(Can be untimed, continuous operation)	
Control Mode	PID microcomputer control	
Display	LCD display	
Circulation Mode	Forced convection	
Oscillation Mode	Rotary shaking	
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
Max Capacity	Clamp flask: 100ml*60 or 250ml*38 or 500ml*22 or 1000ml*16 Haftplatte: 100ml*60 or 250ml *36 or 500ml*24 or 1L*16	
Defrost Function	/	Automatic defrosting
Auxiliary Function	Ultra-low speed start, adjustable start speed, over-speed automatic protection, monitoring timer, parameter memory, power restoration function, 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, UV disinfection function	
Material	External material: ABS; internal material: stainless steel	
Power Supply	AC220V, 50Hz(Standard); 220V, 60Hz; 110V, 50/60Hz(Optional, external transformer)	
Consumption	600W	850W
Shelves	500*360mm, 2pcs	
Standard Accessories	Clamp flask: 250ml*24, shelf*2	
Optional Accessories	Lighting function, printer, haftplatte	
External Size(W*D*H)	700*580*1280mm	
Package Size(W*D*H)	825*720*1490mm	
Net Weight	160kg	180kg
Gross Weight	200kg	220kg