

Large Capacity Vertical Type Shaking Incubator
(Double Door & Double Layer)



Clamp Specifications for Shaking Incubator:



Upper layer: universal spring clamp,
lower layer: universal spring clamp



Upper layer: clamp rod shaking plate,
lower layer: clamp flask



Upper layer: tube rack,
lower layer: clamp flask

Introduction:

The vertical dual-door single-control shaking incubator is a versatile laboratory instrument that integrates an incubator and an orbital shaker. The front double-door design offers greater flexibility in operation and handling. It is widely used for bacterial culture, fermentation, hybridization, biochemical reactions, as well as research on enzymes and tissues, where precise temperature and oscillation frequency control are critical.

Features:

- * Exterior material is powder-coated carbon steel, interior material is mirror finished stainless steel.
- * The temperature is controlled by a 'Super Fuzzy PID' system, featuring smaller overshoot, faster stabilization time, and better temperature control accuracy.

- * High-quality DC brushless motor features minimal vibration, low noise, high efficiency, maintenance-free operation, energy saving, and long-lasting performance. Equipped with single-axis balanced drive technology for ultra-low silent operation.
- * Equipped with over/under temperature alarms and abnormal shutdown alarms.
- * Automatic audio and visual alarms are triggered in case of shaker(Motor) malfunction or if the door is not properly closed.
- * The motor rotation direction can be set to forward, reverse, or alternating forward/reverse.
- * Programmed mode, which allows for multi-stage settings, and constant mode, which runs continuously at the set temperature and speed after configuration.

Technical Parameters:

Model	BJPX-SL220-LI
Capacity	610L
Temperature Control Range	4~60℃
Temperature Control Accuracy	0.1℃
Temperature Uniformity	≤±1℃(@37℃)
Temperature Fluctuation	≤±0.5℃
Ambient Temperature	15~35℃
Timing Range	0~999min(h)
Control Mode	PID microcomputer control
Display	LCD touch screen
Circulation Mode	Forced convection
Oscillation Mode	Rotary shaking
Speed Range	30~300rpm
Speed Accuracy	±1rpm
Swing Amplitude of The Plate	φ26mm
Refrigerant	R290/150g
Standard Capacity	250ml*64/500ml*48(Default shipping configuration)/1000ml*32/2000ml*20/3000ml*16/5000*12
Max. Capacity	Clamp flask: 50ml*162/100ml*124/150ml*104/250ml*86/500ml*64/1000ml*32/2000ml*20/3000ml*16/5000ml*12 Tube rack*6 96-well plate*30 Clamp rod shaking plate*4 Horizontal thermostatic shaker spring plate*2
Defrost Function	Automatic defrosting
Consumption	1500W
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)
Shelf	970*460mm*2
Standard Accessory	UV light*1, LED light*1
Optional Accessory	Printer, USB interface
Internal Size(W*D*H)	1198*520*990mm
External Size(W*D*H)	1303*793*1564mm
Package Size(W*D*H)	1450*980*1750mm
Net Weight	550kg
Gross Weight	580kg