

Stacked Large Capacity Shaking Incubator



BJPX-SDL10/20

Two-layer overlay effect display

Introduction:

The Stacked Large Capacity Shaking Incubator is a high-performance device designed for large-scale cell culture, microbial fermentation, and other temperature-sensitive shaking applications. With its stacked design, this incubator maximizes space efficiency in laboratories while offering increased capacity for simultaneous experiments.

Features:

- * Brushless DC motor, low noise, lasting operation.
- * 5 inch touch screen, clear and intuitive interface.
- * Run parameter encryption lock, parameter memory function.
- * With power failure recovery function.
- * Motor overheat, temperature control, abnormal over temperature instrument automatically cut off their power supply.
- * With USB data export function to achieve data traceability.
- * With ultraviolet disinfection function.
- * Standard equipped with LED light, open the door of the box light automatically open.

Technical Parameters:

Model	BJPX-SDL10	BJPX-SDL20
Capacity	155L	
Temp. Sensor	PT100	
Temp. Range	RT+5~60℃	4~60℃
Temp. Fluctuation	≤±0.5℃	
Temp. Uniformity	≤±1℃(37℃)	
Temp. Precision	0.1℃	
Timing Range	0~999min	
Controller	PID	
Display	5-inch touch screen	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Single axis balanced drive type	
Vibration Range	Φ26mm	
Rotating Speed	30~300r/min	
Rotating Accuracy	±1r/min	
Shaking Plate Size	460*450mm	
Max. Capacity	Single layer shaker plate	250ml*20 or 500ml*14 or 1000ml*9 or 2000ml*6 or 5000ml*3(Flask clamp) Tube rack*2 96-well plate*12 Clamping rod shaking plate*1
	Double layer shaker plate	Upper layer: 50ml*60 or 100ml*60 or250ml*40 or 500ml*30(Flask clamp) Lower layer: Universal spring clamp
Standard. Capacity	500ml*14(Single layer)	
Lighting Mode	LED lamp*1	
Sterilization Mode	UV lamp*1	
Refrigerant	/	R290, 80g
Ambient Temp.	15~35℃	
Internal Material	304 stainless steel	
External Material	Cold rolled steel sheet	
Safety Function	High/low temperature, abnormal shutdown, motor failure, equipment door is not closed properly automatic alarm, alarm mode is sound and light alarm	
Consumption	1200W	1800W
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer)	
Internal Size(W*D*H)	560*500*555mm(Per unit)	
External Size(W*D*H)	650*840*810mm(Per unit)	
Package Size(W*D*H)	775*1005*1070mm(Per unit)	
Net Weight	195kg(Per unit)	215kg(Per unit)
Gross Weight	225kg(Per unit)	245kg(Per unit)