

Stacked Large Capacity Shaking Incubator



BJPX-2012N/RN Two-layer overlay effect display Three-layer overlay effect display

Introduction:

It is widely used in bacterial culture, fermentation, hybridization, biochemical reaction, enzyme and celltissue research. It has extensive and major applications in research and application fields such as biology, molecular science, food, and environment.

Features:

- * High quality servo motor.
 - * Multi-steps rotate speed, temperature and time control systems.
 - * Slow accelerate and decelerate design.
 - * Advantaged air duct design.
 - * Automatic defrosting function (only BJPX-2012RN).
 - * High-precision speed control.
 - * High-precision temperature control.
- * Unique drive system.
 - * Open door protection.
 - * LCD display with bright illumination.
 - * Memorized and protected operating parameters.
 - * Continuously running or timing.
 - * Unique slow-start design.
 - * Standard of illumination and UV light.

Technical Parameters:

Model	BJPX-2012N	BJPX-2012RN
Capacity	180L(Per unit)	
Temp. sensor	PT100	
Temp. Range	RT+5~65℃	4~65℃(@20℃)
Temp. Fluctuation	≤0.1℃(@37℃)	
Temp. Uniformity	±0.6℃(@37℃)	
Temp. Precision	±0.1℃	
Timing Range	0~9999h/min or continuous	
Controller	PID	
Display	LCD	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Multidimensional drive	
Vibration Range	Φ26mm(Can customize φ35(20~250rpm); φ50(20~200rpm)	
Rotating Speed	0; 20~350rpm(Top layer 20~300rpm, static culture, reverse rotation or alternate operation)	
Rotating Accuracy	±1rpm	
Shaking Plate Size	610*460mm	
Shaking Plate Quantity	1pc	
Max. Capacity	250ml*32 or 500ml*21 or 1000ml*13 or 2000ml*7(Flask clamp) 250ml*32 or 500ml*20 or 1000ml*12 or 2000ml*8 (haftplatte)	
Standard Capacity	Flask clamp: 500ml*20	
Internal Material	Stainless steel	
External Material	Sprayed steel plate	
Refrigerant	/	R134a
Safety Function	Audio and visual alarm for over-temperature Alarm for over-speeds Independent over-temperature protector Shutdown protection for door opening Leakage or over-current protection Ultraviolet disinfection function Calibration of monitoring temperature and ambient temperature Overload protection of refrigeration unit and delayed start of incoming call(only BJPX-2012RN)	
Consumption	1000W(Per unit)	1200W(Per unit)
Power Supply	AC220V, 50Hz(Standard); 220V, 60Hz(Optional); 110V, 50/60Hz(Optional, external transformer)	
Internal Size(W*D*H)	715*550*450mm(Per unit)	
External Size(W*D*H)	1120*790*620mm(Per unit)	
Package Size(W*D*H)	1275*950*810mm(Per unit)	
Net Weight	175kg(Per unit)	190kg(Per unit)
Gross Weight	205kg(Per unit)	220kg(Per unit)