

Climate Incubator



Introduction:

The climate incubator is a high-precision device designed to create a controlled environment for the incubation and growth of biological and plant samples. It is essential for laboratories, research institutions, and agricultural studies that require stable and specific climate conditions.

Features:

- * The shell is sprayed with cold-rolled steel plate, the chamber is made of stainless steel.
- * Microcomputer program control, 9 selectable operation modes, with a control method that cycles between day and night.
- * Refrigeration unit adopts brand compressor, the use of fluorine-free environmental protection refrigerant, adaptive ring temperature change for constant temperature control, 180s refrigeration shutdown protection.
- * It has alarms for over-temperature, under-temperature and sensor failure.
- * The external water tank is directly connected to the interior, ensuring more uniform humidity levels inside the cabinet.
- * The horizontal micro-perforated air outlet structure combined with vertical air return circulation ensures uniform airflow across every layer of the samples.

Technical Parameters:

Model	BJPX-A1000CI	BJPX-A1500CI
Capacity	1000L	1500L
Temp. Sensor	PT100	
Temp. Range	0~50°C(No Light: 0~50°C, with light: 10~50°C)	
Temp. Fluctuation	±1°C(Experimental conditions: no load, environmental temperature 20°C, humidity 50%RH)	
Temp. Uniformity	±2°C	
Temp. Resolution	0.1°C	
Timing Range	Timing 0~99 hours 59 minutes/continuous operation	
Humidity Range	50~95%RH	
Humidity Control Accuracy	±1%RH	
Humidity Fluctuation	±3~±7%RH	
Light	20000lux	
Working Environment	10~30°C	
Power Supply	AC220V, 50Hz(Standard); 220V, 60Hz(Optional)	
Consumption	2424W	4210W
Shelf	3	
Standard Accessory	Manual intake control valve, external large-capacity water tank	
Optional Accessory	Touch screen, 99-segment program control, printer, USB port, wireless alarm system (SMS alerts), CO ₂ control module, UV lamp, timed ventilation function, 220V power outlet inside chamber, M50 test port, double-door design with inner glass door	
Internal Size(W*D*H)	1150*620*1300mm	1730*620*1300mm
External Size(W*D*H)	1250*780*1930mm	1830*780*1930mm
Package Size(W*D*H)	1500*820*2150mm	2160*900*2080mm
Net Weight	243kg	370kg
Gross Weight	263kg	390kg