

## Constant Temperature and Humidity Incubator



### Applications:

The constant temperature and humidity incubator has a precise temperature and humidity control system. It provides various environmental simulation conditions required for industrial research and biotechnology testing. Therefore, it can be widely used in sterile tests and stability inspections for pharmaceuticals, textiles, and food processing. As well as testing of raw material properties, product packaging, and product life of industrial products.

### Features:

- \* The 7-inch color LCD touch screen can monitor temperature and humidity curves in real-time and query operation history records on one screen.
- \* The PID microcomputer-controlled temperature allows fixed-value and segmented operations. It has a parameter memory function and can resume operation automatically after power-on.
- \* There are a built-in steam humidification system and an independent PID humidity control system.
- \* Three levels of operation interface permissions (administrator, experimenter, operator) prevent test interruption or equipment malfunction caused by unauthorized operations.

- \* The inner liners are made of high-quality stainless steel with a semi-circular and four-corner design.
- \* The inner door is of tempered glass structure, and the outer door has a magnetic door seal design with an insulating glass observation window for easy internal observation.
- \* The unique refrigeration system has an automatic defrosting function and a blower for forced convection to make the temperature more uniform.
- \* Equipped with an alarm system: high temperature alarm, low water level alarm, independent overheat protection device, and overcurrent protection.

### Technical Parameters:

Model	BJPX-HT1000(PC)
Capacity(L)	1000
Temp. Sensor	PT100
Temp. Range	5~60°C
Temp. Fluctuation	±2.0°C
Temp. Uniformity	±2.0°C (at 37°C)
Temp. Precision	0.1°C
Humidity Range	50~95%RH
Humidity Fluctuations	±5~8%RH
Humidity Precision	1.0% RH
Humidification Method	Built-in humidification system
Refrigerant	R404a
Heating System	Stainless steel heater
Timing Range	0~5999min
Control Type	Microcomputer PID controller
Display	7.0-inch color LCD touch screen
Material	External cold-rolled steel with painting; internal stainless steel
Power Supply	AC220V±10%, 50/60Hz (Standard); AC110±10%, 60Hz (Optional, External transformer)
Consumption	1800W
Shelves	2 pcs/ adjustable
Standard Accessories	USB port /LAN interface
Optional Accessories	UV lamp / LED lamp/ Printer/ Shelves /Automatic water supply system
Internal Size(W*D*H) mm	1200*600*1400
External Size(W*D*H) mm	1343*1046*1985
Package Size(W*D*H) mm	1420*1070*2150
Net Weight(kg)	227.5
Gross Weight(kg)	300