

CO₂ Incubator



Applications:

The CO₂ incubator is widely used in the research and production of medicine, immunology, oncology, genetics, microbiology, agricultural science, and pharmacology, and has become one of the most commonly used conventional instruments in laboratories.

Features:

- * Air jacket: with 140/160 °C hot air sterilization function.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality infrared CO₂ sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.
- * High quality HEPA filter ensures the inside gas quality.
- * SMC brand gas circuit valves ensure more stable gas concentration and less consumption of gas.
- * The internal components do not need to be disassembled during sterilization, which is convenient and simple to use.

Technical Parameters:

Model	BJPX-C160D
Capacity	160L
Temp. Range	RT +5 ~ 60 °C
Control Type	Microcomputer controller
Temp. Fluctuation	±0.2 °C (at 37°C)
Temp. Uniformity	±0.3 °C (at 37°C)
Time Setting	0-999h or continuous
Alarm	Audible and visual alarm; over-temperature alarm; gas Concentration alarm
Shelves	2 pcs/ adjustable
Material	External cold-rolled steel with painting; internal stainless steel
Door	Single door with heating function
CO ₂ Range	Infrared sensor, range 0-20%
CO ₂ Control Resolution	0.1%
Humidification Type	Water tank for natural evaporation
Sterilization Type	With 140/160 °C hot air sterilization function
Ambient Temp. & Humidity	5-30°C, suggest 25±2°C; relative humidity ≤80%
Caster	Foot master caster
Consumption	700 W/1550W (Hot air sterilization)
Accessory	Standard: 5.0 inch touch screen, CO ₂ two-stage pressure reducing valve, USB port, HEPA filter, Water tank
Power Supply	AC220V±10%, 50/60Hz(Standard), AC110±10%, 60Hz(Optional)
Internal Size(W*D*H)mm	460*551*646
External Size(W*D*H)mm	710*756*1107
Packing Size(W*D*H)mm	780*836*1137
Gross Weight(kg)	110

Constant Temperature and Humidity Incubator



Applications:

The constant temperature and humidity box 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 7.0-inch color LCD touch screen can monitor the temperature curve in real time.
- * Universal castors for easy movement.
- * Adopt double-layer door structure, built-in toughened glass door, and enlarged perspective windows on the outer door, making it easier to observe.
- * Use safe and environmentally friendly polyurethane insulation board (moisture-proof, flame-retardant, high temperature resistance 250 °C), better insulation effect.
- * Sterilization system: optional UV sterilization lamp.
- * Well-known brand compressors, environmentally friendly refrigerants, automatic frosting function.
- * Internal SUS-304 mirror stainless steel material, external cold-rolled powder-coated steel plate

Technical Parameters:

Model	BJPX-HT100B	BJPX-HT150B	BJPX-HT200B	BJPX-HT250B	BJPX-HT400B
Capacity (L)	100	150	200	250	400
Control Type	Microcomputer PID controller				
Temp. Range	0~60°C				
Temp. Fluctuation	±0.5°C				
Temp. Uniformity	±1.0°C (at 37°C)				
Humidity Range	50~95%RH				
Humidity Fluctuations	±3~±5%RH				
Humidification Method	Built-in humidification system				
Refrigeration System	Famous brand compressor, R134a				
Heating System	Stainless steel heater				
Time Setting (h)	0~999.59				
Power Supply	AC220V±10%, 50Hz (Standard), AC110±10%, 60Hz (Optional)				
Material	External cold-rolled steel with painting; internal stainless steel				
Shelves	2 pcs/ adjustable				
Accessory	Standard: USB port / Testing port Optional: UV lamp / BOD Socket / Printer				
Consumption	1200W	1200W	1400W	1500W	1700W
Internal Size(W*D*H) mm	350*500*580	401*550*690	450*598*750	450*660*850	658*500*1238
External Size(W*D*H) mm	647*644*1170	692*690*1270	743*742*1340	743*802*1440	802*801*1745
Packing Size(W*D*H) mm	772*769*1330	817*815*1430	868*867*1500	868*927*1600	927*926*1905
Net Weight(kg)	98.5	120	130	145	200
Gross Weight(kg)	120	140	150	170	235