

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°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-C80D	BJPX-C160D
Capacity	80L	160L
Temp. Range	RT+5 ~ 60 °C	
Control Type	Microcomputer controller	
Temp. Fluctuation	±0.3 °C (at 37°C)	
Temp. Uniformity	±0.5 °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°C hot air sterilization function	
Ambient Temp. & Humidity	5~30°C, suggest 25±2°C; relative humidity ≤80%	
Caster	Foot master caster	
Consumption	650 W/1900W (Hot air sterilization)	700W/1950W (Hot air sterilization)
Accessory	Standard: 7.0 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	400*352*576	460*551*646
External Size(W*D*H)mm	620*596*1007	710*786*1107
Packing Size(W*D*H)mm	720*720*1140	810*900*1255
Gross Weight(kg)	110	135

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	500*350*580	550*401*690	600*450*750	660*450*850	658*500*1238
External Size(W*D*H) mm	644*647*1170	690*697*1270	742*743*1340	802*743*1440	845*800*1805
Packing Size(W*D*H) mm	790*795*1350	820*820*1450	880*880*1520	945*880*1720	995*940*1905
Net Weight(kg)	98.5	115	120	135	200
Gross Weight(kg)	117	135	148	165	235