

CO₂ Incubator

Features:

- * IR infrared sensor, using dual-channel dual-filter infrared technology.
- * The inner tank is designed with semicircular corners and the surface is made of 304 stainless steel with electrochemical treatment.
- * Sloped bottom design for smooth drainage, preventing evaporator icing, and improved temperature uniformity.
- * The evaporator's intake pipe uses a Sanhua solenoid valve to work in coordination with the evaporator's compartmentalized operation, preventing icing, ensuring rapid cooling, and maintaining stable temperatures.
- * The timed segmented control program allows for the cultivation time and temperature to be preset and automatically adjusted according to requirements, providing convenience for the operator.
- * High-efficiency heating tubes are used to evenly heat all sides of the inner chamber.
- * Equipped with leakage current and over-voltage protectors. Features over-temperature, under-temperature, over-concentration and under-concentration alarms.

Standard Accessories:



LCD display screen



Push-pull shelves with holes



Technical Parameters:

Model	BJPX-C80III	BJPX-C160III
Type	Low temperature series, air jacket	
Sterilization Type	UV sterilization	
Capacity	80L	160L
Temp. Sensor	PT100	
Temp. Range	10~60℃	
Temp. Fluctuation	±0.3℃ (@37℃)	
Temp. Uniformity	±0.5℃ (@37℃)	
Temp. Precision	0.1℃	
Timing Range	0~999h or continuous	
Display	7-inch touch screen	
CO ₂ Control	IR infrared sensor with calibration certificate	
CO ₂ Range	0~20vol%	
CO ₂ Uniformity	0.2vol%	
CO ₂ Control Resolution	0.1vol%	
Refrigerant	R290, 80g	
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%	
Filter	CO ₂ gas filter	
Power Supply	AC 220V, 50Hz (Standard); 110V, 60Hz (Optional) Wiring method: plug	
Consumption	1000W	
Shelves	2pcs, adjustable	
Standard Accessories	Shelves, USB interface, CO ₂ relief valve, water tank, CO ₂ gas filter	
Optional Accessories	Three-way connector, gas cylinder switching module, stacking rack	
Internal Size(W*D*H)	470*362*500mm	588*470*620mm
External Size(W*D*H)	689*729*1240mm	810*748*1330mm
Package Size(W*D*H)	820*820*1390mm	904*842*1467mm
Net Weight	93kg	144kg
Gross Weight	115kg	165kg

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Features:

- * IR infrared sensor, using dual-channel dual-filter infrared technology.
- * The inner tank is designed with full-radius corners and the surface is made of 304 mirror finish stainless steel.
- * Adopt double heating module, six side heating.
- * The cavity is uniformly heated by silicone rubber heating wire heater with aluminum foil-wrapped, offering rapid temperature rise and good uniformity.
- * Equipped with leakage current and over-voltage protectors. Features over-temperature, under-temperature, over-concentration and under-concentration alarms.
- * HEPA high-efficiency filter, with a filtration efficiency of 99.97%.
- * HermeSEAL® technology, with its patented encapsulated infrared assembly, resists high temperature, high humidity, and corrosive environments, ensuring long-term stability even in harsh conditions.
- * The sensor prevents condensation upon power-on, avoiding failures caused by moisture and ensuring more stable and reliable measurements.

Technical Parameters:

Model	BJPX-C50D	BJPX-C80D	BJPX-C160D	BJPX-C180D	BJPX-C220D	BJPX-C300D
Type	Dry heat series, air jacket					
Sterilization Type	180℃ dry heat sterilization					
Capacity	50L	80L	160L	180L	220L	300L
Temp. Sensor	PT100					
Temp. Range	RT+5~60℃					
Temp. Fluctuation	±0.5℃ (@37℃: ±0.3℃)					
Temp. Uniformity	±1.0℃ (@37℃: ±0.5℃)					
Temp. Precision	0.1℃					
Timing Range	0~999h or continuous					
Display	7-inch touch screen					
CO ₂ Control	IR infrared sensor with calibration certificate					
CO ₂ Range	0~20vol%					
CO ₂ Uniformity	0.2vol%					
CO ₂ Control Resolution	0.1vol%					
Ambient Temperature and Humidity	Ambient temperature: 18~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%					
Filter	CO ₂ gas filter					
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer) Wiring method: plug					
Consumption	1400W	1700W				2400W
Shelves	2pcs, adjustable					
Standard Accessories	Shelves, USB interface, CO ₂ relief valve, water tank, CO ₂ gas filter					
Optional Accessory	Three-way connector, gas cylinder switching module, stacking rack					
Internal Size(W*D*H)	332*326*496mm	401*352*576mm	551*462*646mm	451*506*716mm	502*545*786mm	534*565*996mm
External Size(W*D*H)	660*552*764mm	688*622*850mm	870*710*958mm	770*722*992mm	820*762*1060mm	860*802*1260mm
Package Size(W*D*H)	730*642*784mm	758*712*870mm	940*800*978mm	840*812*1012mm	890*852*1260mm	930*892*1460mm
Net Weight	80kg	90kg	115kg	125kg	137kg	169.5kg
Gross Weight	95kg	105kg	130kg	140kg	152kg	184.5kg