

CO<sub>2</sub> 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 <sub>2</sub> Control            | IR infrared sensor with calibration certificate                                              |                |
| CO <sub>2</sub> Range              | 0~20vol%                                                                                     |                |
| CO <sub>2</sub> Uniformity         | 0.2vol%                                                                                      |                |
| CO <sub>2</sub> Control Resolution | 0.1vol%                                                                                      |                |
| Ambient Temperature and Humidity   | Ambient temperature: 5~30℃ (Recommendation: 25±2℃)<br>Ambient humidity: ≤80%                 |                |
| Filter                             | CO <sub>2</sub> gas filter                                                                   |                |
| Power Supply                       | AC 220V, 50Hz (Standard); 110V, 60Hz (Optional)<br>Wiring method: plug                       |                |
| Consumption                        | 1000W                                                                                        |                |
| Shelves                            | 2pcs, adjustable                                                                             |                |
| Standard Accessories               | Shelves, USB interface, CO <sub>2</sub> relief valve, water tank, CO <sub>2</sub> gas filter |                |
| Optional Accessories               | Water pump, three-way connector                                                              |                |
| 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          |

CO<sub>2</sub> Incubator



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                       | 0~999h59min or continuous                                                                           |               |               |                |                |                |
| Display                            | 7-inch touch screen                                                                                 |               |               |                |                |                |
| CO <sub>2</sub> Control            | IR infrared sensor with calibration certificate                                                     |               |               |                |                |                |
| CO <sub>2</sub> Range              | 0~20vol%                                                                                            |               |               |                |                |                |
| CO <sub>2</sub> Uniformity         | 0.2vol%                                                                                             |               |               |                |                |                |
| CO <sub>2</sub> Control Resolution | 0.1vol%                                                                                             |               |               |                |                |                |
| Ambient Temperature and Humidity   | Ambient temperature: 18~30℃ (Recommendation: 25±2℃)<br>Ambient humidity: ≤80%                       |               |               |                |                |                |
| Filter                             | CO <sub>2</sub> gas filter                                                                          |               |               |                |                |                |
| Power Supply                       | AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer)<br>Wiring method: plug |               |               |                |                |                |
| Consumption                        | 1850W                                                                                               | 1900W         | 1950W         | 2000W          | 2050W          | 2650W          |
| Shelves                            | 2pcs, adjustable                                                                                    |               |               |                |                |                |
| Standard Accessories               | Shelves, USB interface, CO <sub>2</sub> relief valve, water tank, CO <sub>2</sub> gas filter        |               |               |                |                |                |
| Optional Accessory                 | Three-way connector                                                                                 |               |               |                |                |                |
| 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        |