# BIOBASE®

# Incubator
## CO₂ Incubator

### Features:

* Water tank for humidity in the chamber.
* Air jacket: equipped with UV Lamp for sterilizing; Water jacket: equipped with HEPA filter.
* Equipped with USB port and LCD touch screen, the incubator can save data in real time.
* High quality $CO_2$ gas filter ensures the inside gas quality.
* SMC brand gas circuit valves ensure more stable $CO_2$ concentration and less consumption of $CO_2$ gas.
* Microcomputer controller, LCD displays temperature curve, $CO_2$ concentration, run-time and timing.
* High quality infrared sensor for accurate $CO_2$ concentration.
* The working chamber adopts round angle structure, easy to clean.

LCD touch screen

$CO_2$ gas filter

HEPA filter (for water jacket)

### Technical Parameters:

| Model | BJPX-C50 | BJPX-C80 | BJPX-C160 |
|---|---|---|---|
| Capacity | 50L | 80L | 160L |
| Heating | Air jacket / Water jacket | Air jacket / Water jacket | Air jacket / Water jacket |
| 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 | 999h or continuous | | |
| Alarm | Audible and visual alarm; over-temperature alarm; $CO_2$ concentration alarm. | | |
| Shelves | 2 pcs/adjustable | | |
| Material | External cold-rolled steel with painting; internal stainless steel | | |
| Door | With inner door and external door | | |
| CO2 Range | Infrared sensor, range 0~20% | | |
| CO2 Control Resolution | 0.1% | | |
| Humidification Type | Water tank for natural evaporation | | |
| Sterilization Type | UV lamp | | |
| Ambient Temp. & Humidity | 18~30°C, suggest 25±2°C; relative humidity ≤80% | | |
| Caster | Footmaster caster | | |
| Consumption | 350W | 600W | 650W / 875W / 1000W |
| Power Supply | AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional) | | |
| Internal Size (W*D*H)mm | 337*338*443 | 377*410*524 | 428*412*522 / 477*473*711 / 528*512*722 |
| External Size(W*D*H)mm | 500*527*821 | 600*596*921 | 647*593*1070 / 700*666*1101 / 747*694*1260 |
| Packing Size (W*D*H)mm | 655*685*970 | 735*735*1070 | 725*780*1225 / 795*835*1250 / 824*877*1425 |
| Gross Weight(kg) | 68 | 83 | 108 / 108 / 145 |

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## CO₂ Incubator

### Features:

* Air jacket: with 90°C steam sterilization function.
* Equipped with USB port and LCD touch screen, the incubator can save data in real time.
* High quality infrared sensor for accurate $CO_2$ concentration.
* The working chamber adopts round angle structure, easy to clean.
* High quality $CO_2$ gas filter ensures the inside air quality.
* SMC brand gas circuit valves ensure more stable $CO_2$ concentration and less consumption of $CO_2$ gas.
* Push-pull shelves with holes ensures better temperature uniformity.
* Microcomputer controller, LCD displays temperature curve, $CO_2$ concentration, run-time and timing.
* Three Liters water reservoir in the bottom chamber ensures high humidity.

USB port

LCD touch screen

Push-pull shelves with holes

### Technical Parameters:

| Model | BJPX-C50II | BJPX-C80II | BJPX-C160II |
|---|---|---|---|
| Capacity | 50L | 80L | 160L |
| Heating | Air jacket | | |
| Temp. Range | RT+5~60°C | | |
| Control Type | Temperature and humidity transmitter | | |
| Temp. Fluctuation | ≤ ±0.2°C(at 37°C) | | |
| Temp. Uniformity | ≤ ±0.3°C (at 37°C) | | |
| Time Setting | 999h or continuous | | |
| Alarm | Audible and visual alarm; over-temperature alarm; $CO_2$ concentration alarm. | | |
| Shelves | 2 pcs/adjustable | | |
| Material | External cold-rolled steel with painting; internal stainless steel | | |
| Door | With inner door and external door | | |
| CO₂ Range | Infrared sensor, range 0~20%; | | |
| CO₂ Control Resolution | 0.1% | | |
| Humidification Type | Water reservoir in the bottom chamber ensures high humidity(90%≤relative humidity≤99%) | | |
| Sterilization Type | With 90°C moist heat decontamination function ( 95%≤humidity ≤99%RH) | | |
| Ambient Temp. & Humidity | 18~30°C, suggest 25±2°C; relative humidity ≤80% | | |
| Caster | Footmaster caster | | |
| Consumption | 300W | 650W | 700W |
| Power Supply | AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional) | | |
| Internal Size (W*D*H)mm | 308*392*442 | 368*452*517 | 468*552*648 |
| External Size(W*D*H)mm | 551*713*765 | 611*773*841 | 711*853*991 |
| Packing Size (W*D*H)mm | 681*843*840 | 705*867*978 | 805*967*1128 |
| Gross Weight(kg) | 85 | 93 | 120 |