



## CO2 INCUBATOR AIR JACKETED BGI1W3 (BCAJ-8203)

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## CO2 INCUBATOR



With Imported Infrared CO2 Sensor

- Touch screen controller, 72-hour machine operation record query function to help user tracking abnormal conditions and trace historical operation information.
- Faster CO2 concentration Restoration Speed.
- Infrared sensor can keep CO2 concentration stability and uniformity when door open frequently.
- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning(except water-jacketed type) , and the space between the shelves in the chamber is adjustable.
- Microorganism filter at inlet provides 99.99% filtration of bacteria and dust ( $\Phi < 0.3\mu\text{m}$ ) and supplies pure CO2 into the incubator.
- Door temperature controller prevents dewfall on glass door of incubator effect

## SPECIFICATIONS

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Model                              | BGI1W3                                             |
| Old Model                          | BCAJ-8203                                          |
| Electrical Requirement             | 220V 50Hz                                          |
| Screen                             | 7" Touch screen                                    |
| Power Consumption                  | 700W                                               |
| Heating Method                     | Air-jacketed, PID Control                          |
| Temperature Range                  | RT+5~55°C                                          |
| Ambient Temperature                | +5~30°C                                            |
| Temperature Stability              | ±0.1°C                                             |
| CO <sub>2</sub> Range              | 0~20% V/V                                          |
| CO <sub>2</sub> Control Resolution | ±0.1%(IR sensor)                                   |
| CO <sub>2</sub> Recovery           | (Door open 30s, recovery to 5%) ≤ 3min             |
| Temperature Recovery               | (Door open 30s, recovery to 37°C) ≤ 8min           |
| Humidity Method                    | Natural vaporization ≥ 90%                         |
| Chamber Volume                     | 155L                                               |
| Interior Dimension (WxDxH)mm       | 480x530x610                                        |
| Exterior Dimension (WxDxH)mm       | 670x770x880                                        |
| Shelves                            | 3(pcs)                                             |
| Sterilization Method               | 90°C moist heat disinfection (18hrs)+UV Sterilizer |
| Alt Name                           | CO2 Incubator                                      |





## FEATURES

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- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning(except water-jacketed type) , and the space between the shelves in the chamber is adjustable.
- Microorganism filter at inlet provides 99.99% filtration of bacteria and dust ( $\Phi < 0.3\mu\text{m}$ ) and supplies pure CO2 into the incubator.
- Door temperature controller prevents dewfall on glass door of incubator effectively.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.
- Alarm function for temperature difference, CO2 over concentration and concentration difference, door open time, UV working status.
- Auto-controller of fan speed to prevent damage to the samples.
- 90°C high temperature and humidity streilization function.(RHP series)

Options

- RS485 Connector: easy to download and save all the data via RS-485 into computer, and identify problems in time.
- High effective filter provides filtration of bacteria and dust.
- CO2 pressure releasing valve.
- Humidity display system.
- Printer(Nested).
- Temperature-limiting alarm system.



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