



CO2 INCUBATOR AIR JACKETED BGI1W1 (BCAJ-8201)

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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	BGI1W1
Old Model	BCAJ-8201
Electrical Requirement	220V 50Hz
Screen	7" Touch screen
Power Consumption	350W
Heating Method	Air-jacketed, PID Control
Temperature Range	RT+5~55°C
Ambient Temperature	+5~30°C
Temperature Stability	±0.1°C
CO ₂ Range	0~20% V/V
CO ₂ Control Resolution	±0.1%(IR sensor)
CO ₂ 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	40L
Interior Dimension (WxDxH)mm	400x286x350
Exterior Dimension (WxDxH)mm	590x440x576
Shelves	2(pcs)
Sterilization Method	90°C moist heat disinfection (18hrs)+UV Sterilizer
Alt Name	CO2 Incubator





FEATURES

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- 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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