



## CO2 INCUBATOR AIR JACKETED BCAJ-8201

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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, 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 sterilization function

## SPECIFICATIONS

Model	BCAJ-8201
Capacity	40 L
Electrical Requirement	220 V 50 Hz
Screen	7" Touch screen
Power Consumption	350 W
Temperature range	RT+5 - 50°C
Ambient Temperature	+5 - 30°C
Temperature Stability	±0.1°C
CO2 Range	0 - 20% V/V
CO2 Control Resolution	±0.1%(IR sensor)
CO2 Recovery	(Door open 30s,recovery to 5%) ≤ 3min
Temperature Recovery	(Door open 30s,recovery to 37°C ) ≤ 8min
Humidity Method	Natural vaporization ≥ 90%
Interior Dimension	400Wx286Dx350H mm
Exterior Dimension	590Wx440Dx576H mm
shelves	2 pcs
Sterilization method	18hrs (90°C moist heat disinfection)



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