



CO2 INCUBATOR AIR JACKETED BCAJ-8405

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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

UV light system for periodic sterilization of chamber

PID controller with LCD screen ensures precise and reliable control

Two-layer stacking available

SPECIFICATIONS

Model	BCAJ-8405
Capacity	240 L
Electrical Requirement	220 V 50 Hz
Power Consumption	750 W
Temperature Range	RT+5 - 50°C
Ambient Temperature	+5 - 30°C
Temperature Stability	±0.2°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	600Wx630Dx670H mm
Exterior Dimension	788Wx837Dx940H mm
Shelves	3 pcs
Sterilization method	UV Sterilizer



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