



CO2 INCUBATOR AIR JACKETED BCAJ-8401

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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-8401 |
| Capacity | 50 L |
| Electrical Requirement | 220 V 50 Hz |
| Power Consumption | 450 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 | 400Wx350Dx350H mm |
| Exterior Dimension | 580Wx450Dx540H mm |
| Shelves | 2 pcs |
| Sterilization method | UV Sterilizer |



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