

# CO2 INCUBATOR AIR JACKETED INC088-050



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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	INC088-050
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

# LABSTAC

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