

# CO2 INCUBATOR AIR JACKETED INC088-150



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## INC088-150 CO2 INCUBATOR AIR JACKETED

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                  | INC088-150                               |
| Capacity               | 150 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     | 480Wx530Dx610H mm                        |
| Exterior Dimension     | 670Wx710Dx950H mm                        |
| Shelves                | 2 pcs                                    |
| Sterilization method   | UV Sterilizer                            |

# LABSTAC

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