

CO₂ Incubator
CO-1141

Option:

- RS-485 Connector and software.
- CO₂ pressure releasing valve.
- Humidity Display.

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CO₂ Incubator CO-1141



Features:

- 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% 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, door open time. UV working status.
- Auto-controller of fan speed to prevent damage to the samples
- Hot air sterilizing circulation system.
- UV light system for periodic sterilization of chamber(Optional)
- RS-485 Connector: easy to download and save all the data via RS-485 into computer, and identify problems in time.
- PID controller with large LCD screen ensures precise and reliable control

Specifications:

Model	CO-1141 (UV)
Electrical Requirement	220V 50HZ
Power Consumption	750W
Heating Method	Air-jacketed, PID Control
Temperature Range	RT+5~55°C
Ambient Temperature	RT+5~30°C
Temperature Stability	±0.1°C
CO₂ Range	0~20%
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 evaporation>95%
Chamber Volume	155L
Interior Dimension (mm) W*D*H	530*480*610
Exterior Dimension (mm) W*D*H	650*690*850
Shelves	3(pcs)