

# Co2 Incubator

CO<sub>2</sub> Incubator is not only an advance instruments for cultivation of cells, tissues and bacteria but also a key equipment for immunology, genetics and bioengineering. It is widely applicable for research and production of microorganisms, agricultural science and pharmacology.

## FEATURES

- The latest model is a high- performance air adjusting type CO<sub>2</sub> Incubator integrating many year of manufacturing technology and experience of our company. It is also developed with the introduction of new techniques compared with common CO<sub>2</sub> Incubators. This type provides faster heating and less errors of temperature precision.
- It is made of specular stainless steel by argon-arc welding techniques and semicircular arcs at corners ensure easy cleaning.
- Microprocessor temperature controller makes temperature stability Independent alarm system for temperature- limiting ensures experiment run safely and no accident would happen
- Microorganism filter at inlet provides 100% filtrated gases
- Equipped with fully automatic CO<sub>2</sub> pressure-releasing and purging valve.
- IR CO<sub>2</sub> sensor for precise CO<sub>2</sub> inside the chamber.

## TECHNICAL SPECIFICATION & ORDERING INFORMATION



Model	RTC-151(UV)
Capacity	151 ltrs
Disinfection	UV LIGHT DISINFECTION
MOC Inner Chamber	Stainless Steel with curved corners
MOC Outer Chamber	Mild Steel duly powder coated
Temperature Range	RT+5 ~50°C
Temperature Control	0.1°C
Temperature Stability	± 0.3°C
CO <sub>2</sub> Control Range	0~20% (Infrared Sensor)
CO <sub>2</sub> Recovery	< Calibration x 1.2min
Humidifying Method	Natural Evaporization
Ambient Temperature	+5 ~35°C
Incubator Sterilizer	UV method
Shelves Per Chamber	3(pcs)
Interior Dimension (WxDxH)	668x540x605 mm
Exterior Dimension (WxDxH)	700x740x950 mm
Input Power	300W
Electrical Requirement	220V, 50Hz

Design, Manufactured and Marketed by:

**LUXLIGHTING TECHNOLOGY PRIVATE LIMITED**  
An ISO 13485:2016 Certified Company for Medical Device Quality Management System



Regd. Office : B-232/1, Birla Farm Chhattarpur Extension, New Delhi-110074, | +91 9350831213 | +91 11 65666883 | [info@rtcin.com](mailto:info@rtcin.com) | [www.rtcin.com](http://www.rtcin.com) | [www.labosys.in](http://www.labosys.in)