

# CO<sub>2</sub> INCUBATOR



An ISO 9001:2015 Certified Company

MODEL : MCI - 80

## TECHNICAL SPECIFICATION

- Imported Infrared CO<sub>2</sub> Sensor.
- CO<sub>2</sub> concentration Restoration Speed.
- Polished stainless-steel chamber, rounded corners for easy cleaning. Adjustable shelves.
- Microorganism Filter at Inlet provides 99% filtration of bacteria and dust (0<0.3um) and supplies pure CO<sub>2</sub> into the incubator.
- Door temperature controller prevents condensate water on glass door of incubator effectively.
- Independent audio-visual temperature limiting alarm system.
- Alarm function for temperature difference, CO<sub>2</sub> over concentration and concentration difference, door open time, UV working status.
- Automatic control of fan speed to maintain uniform temperature and prevent damage to samples.
- Hot air sterilizing circulation system.
- PID controller with large LCD screen ensures precise and reliable control



## TECHNICAL DATA

|                                    |   |
|------------------------------------|---|
| Chamber Volume (Liters)            | : 80  |
| Sensor                             | : Infrared CO <sub>2</sub>                  |
| Heating Method                     | : Air-jacketed, PID Control                 |
| CO <sub>2</sub> Range              | : 0-20% V/V                                 |
| CO <sub>2</sub> Control resolution | : ± 0.1% (IR sensor)                        |
| Temperature Range                  | : RT+5-55°C                                 |
| Temperature Stability              | : ± 0.1°C                                   |
| Humidity Method                    | : Natural vaporization > 95%                |
| CO <sub>2</sub> Recovery           | : (Door open 30s, recovery to 5%) ≤ 3 min   |
| Temperature Recovery               | : (Door open 30s, recovery to 37°C) ≤ 8 min |
| Shelves                            | : 2   |
| Interior Dimension (mm)            | : 400 x 450 x 500 (W x D x H)               |
| Exterior Dimension (mm)            | : 590 x 687 x 790 (W x D x H)               |
| Supply                             | : 220-240 Volts, 50 Hz Single Phase         |



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Specifications and Design Subject to Change Without Notice.

