

AIR JACKETED CO2 INCUBATOR INC91-151



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Precise management of temperature and CO2 provides an exceptionally stable environment, it is easy to maintain precise time/date stamped records of all incubator functions as often as necessary and adopts door heating control system. It is majorly used in issue engineering, mammalian cell research, tissue culturing and oncology studies. Used in Cell Culturing, Tissue culturing, Tissue Engineering, Vitro fertilization, Mammalian cell research, Oncology studies..

Also known as Laboratory CO2 Incubator Air Jacketed.

INC91-151 AIR JACKETED CO2 INCUBATOR

- 151 liters internal volume
- Zironuim oxide Sensor
- IR CO2 sensor
- Water Level Alarm
- Integrated electric siphon pump
- Auto-zero
- Temperature deviation (at 37° C)
- Moist-heat disinfection at 90°C
- Relative humidity $\geq 95\%$



SPECIFICATIONS

| Model | INC91-151 |
|----------------------------|---|
| Capacity | 151 L |
| Temperature Range | 5°C above ambient temperature to 50°C |
| Temperature Stability | $\pm 0.1^\circ\text{C}$ |
| Temperature Uniformity | $\pm 0.2^\circ\text{C}$ |
| CO2 Range | 0-20% |
| CO2 Stability | $\pm 0.1\%$ |
| CO2 Sensor | Thermal Conductivity |
| CO2 Inlet Pressure | 0.1 Mpa |
| Filter | 0.3 um, Efficiency:99.998% (for CO2) |
| Access Port | Optional |
| Remote alarm contacts | Standard |
| Relative Humidity | $\geq 95\%$ |
| Humidifying System | Special designed water reservoir |
| Water reservoir volume | 4 L |
| Inner Door | one inner door standard |
| Interior | Type 304, mirror finish, stainless steel |
| Exterior | Electrolyzed galvanization steel, powder coated |
| Temperature Sensors | PT1000 |
| Internal Dimention (WxDxH) | 470×530×607 mm |
| Overall Dimension (WxDxH) | 615x768x865 mm |
| Shelves/Trays | 3 standard, 10 maximum |

| | |
|----------------------------|--|
| Shelf Dimension(WxD) | 423×445 mm |
| Temperature control method | Microprocessor |
| CO2 control system | Microprocessor |
| Alarm System | Power interruption, High/Low temperature, Deviation of CO2, RH, Door ajar, Independent overheat protection |
| Weight | 75 kg |
| De-contamination | UV lamp |
| Power | 600 W |
| Power Supply | AC-220 V/AC 110 V 50/60 Hz |

ACCESSORIES

| Accessory Code | Name | Description | 3 Sets | 1 Set |
|----------------|----------------------|-------------|--------|-------|
| LS53974 | Standard shelf | | 3 Sets | |
| LS53986 | Electric siphon pump | | | 1 Set |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description |
|----------------|------------------------|-------------|
| LS53650 | Air connector | |
| LS53674 | Electric siphon pump | |
| LS53710 | Small CO2 inlet filter | |
| LS53746 | UV light | |
| LS53758 | CO2 regulator | |

| Accessory Code | Name | Description |
|----------------|--|-------------------------------------|
| LS53818 | Shelf | Including: shelfx1, shelf supportx2 |
| LS53878 | Floor stand for 2 stacked incubators | 585x637x200 mm |
| LS53902 | Floor stand for 1 incubator | 585x637x400 mm |
| LS53950 | 4 in 1 CO2 steel cylinder auto-switch device | |
| LS53962 | CO2 steel cylinder auto-switch device | |



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