

WJ-3-270T CO₂ Incubator

Application:

CO₂ Incubator is widely used in modern medicine, biology, chemistry and agriculture science for the culture of biological cells, tissues and bacterial.



Features:

- ◆ Microcomputer control, Large touch screen, accurate and easy for operation.
- ◆ Imported infrared sensor and gold-plated probes to ensure accuracy, the life time of sensor is up to 15 years.
- ◆ Adopting PID control technology, the CO₂ concentration can be freely set within range of 0 to 20%, alarm for over concentration and concentration rise too slow.
- ◆ Water jacket and air jacket structure are available, polished stainless-steel chamber with air duct. Equipped with fan for forced convection, ensuring good temperature uniformity and the balance of CO₂ concentration inside.
- ◆ When door opened, the fan will automatically turn off (WJ-3 turn off the CO₂ intake valve at same time) and heating will be stopped to reduce the pollution caused by the entry of air.
- ◆ PID microprocessor is used to control temperature, meanwhile, the temperature of box, water and door are separately controlled by three probes to ensure high accuracy. (Air jacket is equipped with two probes to control door temperature and main body temperature.)
- ◆ Digital display for setting parameters, each working state has LED indication.
Alarm function for over-heating, lack of water, unspirated, ensuring the safe operation of the equipment.
- ◆ Equipped with sterile air filtration devices and UV light system to reduce pollution.
- ◆ Natural evaporation for humidification to ensure the chamber can maintain good humidity.

**Specifications:**

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| Model | WJ-3-270T |
| Chamber Volume (L) | 270 |
| Temperature Range (°C) | RT+5~60 |
| Temperature Stability (°C) | ±0.2 |
| Temperature Uniformity (°C) | ±0.3 |
| Shelf | 1.Standard: 2 shelves 2. Option for multiple adjustable shelves |
| CO ₂ Range | 0~20% |
| CO ₂ Control Accuracy | ± 0.1%(Imported sensor) |
| Humidity Method | Natural Vaporization |
| Power Supply | AC220V,50HZ |
| Power Rating (W) | 1400 |
| Chamber Size (W×D×H)cm | 60×60×77 |
| Exterior Size ((W×D×H)cm | 72×75×112 |
| Alarm function | Over heating, damage for temperature probe ,water shortage |