

## CO2 Incubator WJ-3T

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, touch screen, accurate and easy for operation.
- ◆ Imported infrared CO2 sensor and gold-plated probes to ensure accuracy, long life time.
- ◆ 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. Housing is made of powder coated steel plate.
- ◆ Equipped with fan for forced convection, ensuring good temperature uniformity and the balance of CO2 concentration inside.
- ◆ When door opened, the fan and the CO<sub>2</sub> intake valve will be automatically turned off and heating will be stopped to reduce the pollution caused by the entry of air
  - Alarm function for over-heating, lack of water (water jacket), unspirated, ensuring the safe operation of the equipment.
  - Equipped with UV sterilization.
- ◆ Natural evaporation for humidification to ensure the chamber can maintain good humidity.
- ◆ Equipped with leakage protection and a spare mechanical thermostat to ensure the product work normally even the main temperature control failed.



### Specifications:

Model	WJ-3T	WJ-3-160T	WJ-3-270T	LCI-1000T
Chamber Volume (L)	80	160	270	1000
Temperature Range	RT+5~60°C			
Temperature Stability	≤±0.2°C			
Temperature Uniformity	≤±0.3°C			
CO <sub>2</sub> Range	0~20%			
CO <sub>2</sub> Control Accuracy	± 0.1% (Imported sensor)			
Humidity Method	Natural Vaporization			
Power Supply	AC220V,50HZ			



Device Safety	Over Temperature safety, Leakage breaker & Alarm Function			
Convection	Forced air convection			
Testing hole on the inner door	φ16mm			
Operating Temp.	+18~30℃			
Perforated shelf (Std/Max)	2/10	3/13	3/16	3/18
Power Rating (W)	600	900	1400	2600
Chamber Size (W×D×H) cm	41*44*51	50*51*65	60*60*77	100*100*96
Exterior Size (W×D×H)cm	56*64*90	65*73*105	72*75*112	115.3*117.5*143.3

**Options:**

- 1. Pressure reducing regulator valve
- 2. HEPA filter system
- 3. Optional shelves

High-temperature sterilisation (HTS)