

# **DW-WJ-3T 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, 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 CO2 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), unaspirated, 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.temperature control failed.

#### **Options**

- 1. Pressure reducing regulator valve

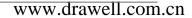


2. HEPA filter system

3. Optional shelves

4. High-temperature sterilisation (HTS)







## Specifications

Model	DW-WJ-3-50T	DW-WJ-3T	DW-WJ-3-160T	DW-WJ-3-270	DW-LCI-1000T
Chamber Volume (L)	50	80	160	270L	1000
Temperature Range	RT+5~60°C				
Temperature Stability	≤±0.2°C				
Temperature Uniformity	≤±0.3°C				
CO2 Range	0~20%				
CO2 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 inner door	φ16mm				
Operating Temp.	+18~30°C				
Perforated shelf (Std/Max)	2/8	2/10	3/13	3/16	3/18
Power Rating (W)	600	600	900	1400	2600
Chamber Size (W×D×H) cm	35*35*41	41*44*51	50*51*65	60*60*77	100*100*96
Exterior Size ((W×D×H)cm	45*46*68	56*64*90	65*73*105	72*75*112	115.3*117.5*143.

