

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*143.3