

DW-WJ-50T 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.

Options

1. Pressure reducing regulator valve
2. HEPA filter system
3. Optional shelves
4. High-temperature sterilisation (HTS)



Specifications

Model	DW-WJ-50T
Chamber Volume (L)	50L
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	breaker & Alarm Function
Convection	Forced air convection
Testing hole on the inner door	φ16mm
Operating Temp.	+18~30°C
Perforated shelf (Std)	2
Power Rating (W)	600
Chamber Size (W×D×H) cm	35×35×41
Exterior Size ((W×D×H)cm	45×46×68

