

DW-WJ-3 Touch Screen CO2 Incubator

Widely used in microbiology, medicine, pharmaceutical, environmental protection, food, animal husbandry and other scientific fields of research and production. It is commonly used in the study of cell dynamics, collection of mammalian cell secretions, carcinogenic or toxicological effects of various physical and chemical factors, research and production of antigens, culture of hybridioma cells for antibody production, in vitro fertilization (IVF), stem cells, tissue engineering, drug screening and other research fields.

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 turned 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, unaspirated, 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.

Optional Parts

- RS485/232 connector
- Wireless alarm system (SMS alarm system)
- HEPA filter system
- 90°C High temperature sterilization
- CO2 pressure releasing valve
- Automatic humidification system
- Multiple adjustable shelves

Specifications



Model	WJ-3-T	WJ-3-160T
Chamber Volume (L)	80	160
Temperature Range (°C)	RT+3~60	
Temperature Stability (°C)	≤±0.2	
Temperature Uniformity (°C)	≤±0.3	
Timing Range	1~9999min or without timing	
Shelf	2 shelves	160
CO2 Range	0~20%	
CO2 Control Accuracy	± 0.1%(Imported sensor)	
Humidity Method	Natural Vaporization	
Power Supply	AC220V,50HZ	
Power Rating (W)	600	900
Chamber Size (W×D×H)cm	40×42.5×50	50×50×65
Exterior Size (W×D×H)cm	55×57×80	69×69×100
Net/Gross Weight (kg)	59/92	75/110
Alarm function	Over heating, damage for temperature probe, water shortage	