

DW-LTG-T CO2 Incubator with O2 Control

Features

- ◆ Large touch screen, microcomputer PID controller. Parameters are digital display; each working state has LED indication.
- ◆ Air jacket structure.
- ◆ Imported CO2 infrared sensor and gold-plated probes to ensure accuracy, long life time.
- ◆ Imported O2 sensor to control O2 concentration between 1-25%.
- ◆ Polished 316 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 gas concentration inside.
- ◆ Two probes are used to control the chamber and door temperature.
- ◆ When door opened, the fan, the CO2 and N2 inlet valve will be automatically turned off. Heating will be stopped also to reduce the pollution caused by the entry of air.
- ◆ Alarm function for temperature and gas concentration and no gas intaking, ensuring the safe operation of the equipment.
- ◆ Natural evaporation for humidification to ensure the chamber can maintain good humidity.
- ◆ Gas filtering device and UV sterilization to reduce pollution.
- ◆ Leakage protection.

Options

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



Specifications

Model	DW-LTG-50T	DW-LTG-85T	DW-LTG-160T
Chamber Volume	50L	85L	165L
Temperature Range	RT+3-60°C		
Temperature Stability	≤±0.2°C		
Temperature Uniformity	≤±0.3°C		
CO2 Range	0~20%		
CO2 Control Accuracy	±0.1%		
O2 Range	1~25%		
O2 Control Accuracy	±0.1%		
Power Supply	AC220V,50HZ		
Timer	1~9999mins		
Perforated shelf (Std/Max)	2/6	2/10	3/13
Power Rating	600W	600W	900W
Chamber Size (W×D×H) cm	35*35*41	41*44*51	50*51*65
Exterior Size ((W×D×H)cm	50.3*53.5*79.2	56*64*90	65*73*105