

Air Jacketed CO2 Incubator for IVF

Introduction:

The CO2 incubator is a device for in vitro culture of cells/tissues, which can simulate the growth environment of cells/tissues in the chamber, such as constant pH (pH: 7.2-7.4) and stable temperature. (37°C) high relative humidity (90%), stable CO2 level (5%).

Features:

- ❖ Air jacket: with 140/160 °C hot air sterilization function.
- ❖ Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- ❖ High quality infrared CO2 sensor for accurate CO2 concentration.
- ❖ The working chamber adopts round angle structure, easy to clean.
- ❖ High quality HEPA filter ensures the inside gas quality.
- ❖ SMC brand gas circuit valves ensure more stable gas concentration and less consumption of gas.
- ❖ The internal components do not need to be disassembled during sterilization, which is convenient and simple to use



Technical Specifications

Model	CO2-INC-C500D	CO2-INC-C100D	CO2-INC-C150D
Capacity	50Liter	100 Liter	150 Liter
Temp. Range	RT+5~60°C		
Control Type	Microcomputer controller		
Temp. Fluctuation	±0.5 °C(at 37°C)		
Temp. Uniformity	±1.0 °C(at 37°C)		
Time Setting	0-9999h/Min or continuous		
Alarm	Audible and visual alarm; Over-temperature alarm; Gas Concentration alarm		
Shelves	2 pcs/ adjustable	3 pcs/ adjustable	
Material	External cold-rolled steel with painting; Internal stainless steel		
Door	Single door with heating function		
CO2 Range	Infrared sensor, range 0~20%		
CO2 Control Resolution	0.1%		
Humidification Type	Water tank for natural evaporation		
Sterilization Type	With 140/160 °C hot air sterilization function		
Ambient Temp. & Humidity	5~30°C, suggest 25±2°C; Relative humidity ≤80%		
Caster	Foot master caster		
Consumption	700W/1550W (Hot air sterilization)		
Accessory	Standard: 5.0 inch touch screen, CO2 two-stage pressure reducing valve, USB port, HEPA filter, Water tank		
Power Supply	AC220V±10%, 50		
Internal size mm	(W*D*H) 360*360*400	(W*D*H) 450*450*500	(W*D*H) 500*500*600
External Size mm	(W*D*H) 560*560*800	(W*D*H) 660*650*900	(W*D*H) 700*700*1000