

# CO<sub>2</sub> Incubator



Thermal Controller

Carbon dioxide (CO<sub>2</sub>) incubators provide optimal growing conditions and contamination prevention for valuable cell cultures. All the CO<sub>2</sub> incubators are built with the Water Jacket and Air Jacket systems, which minimizes the risk of condensation at the present and in the future.

## Key Features

- Water tank for humidity in the chamber
- Air jacket: equipped with UV Lamp for sterilizing
- Water jacket: equipped with HEPA filter
- Equipped with USB port and LCD touch screen, the incubator can save data in real time
- High quality CO<sub>2</sub> gas filter ensures the inside gas quality
- SMC brand gas circuit valves ensure more stable CO<sub>2</sub> concentration and less consumption of CO<sub>2</sub> gas
- A microcomputer controller, LCD displays temperature curve, CO<sub>2</sub> concentration, run-time and timing
- High quality infrared sensor for accurate CO<sub>2</sub> concentration
- The working chamber adopts a round angle structure, easy to clean



## Specifications

Cat No.	BB-CO <sub>2</sub> -C50	BB-CO <sub>2</sub> -C80		BB-CO <sub>2</sub> -C160	
Capacity	50L	80L		160L	
Heating	Air jacket	Air jacket	Water jacket	Air jacket	Water jacket
Temp. Range	RT+5~60 °C				
Control Type	Microcomputer controller				
Temp. Fluctuation	≤±0.2°C (at 37°C)				
Temp. Uniformity	≤±0.3°C (at 37°C)				
Time Setting	999h or continuous				
Alarm	Audible and visual alarm; Over-temperature alarm; CO <sub>2</sub> Concentration alarm.				
Shelves	2 pcs/ adjustable				
Material	External cold-rolled steel with painting; Internal stainless steel				
CO <sub>2</sub> Range	Infrared sensor, range 0~20%				
CO <sub>2</sub> Control Resolution	0.1%				
Humidification Type	Water tank for natural evaporation				
Sterilization Type	UV lamp				
Ambient Temp. & Humidity	18~30°C, suggest 25±2°C; Relative humidity ≤80%				
Internal Size(WxDxH)mm	337x338x443	377x410x524	428x412x522	477x473x711	528x512x722
External Size(W*D*H)mm	500x527x821	600x596x921	647x593x1070	700x666x1101	747x694x1260