

# CO<sub>2</sub> INCUBATOR

Managing, Optimal Environmental for Cell Growth

**LuxMed**  
Healthcare Redefined

## Co2 Incubator (LMX-CI)



- Pre-Order Selection Options For Research and cell growth
- UV lamp for air jacket.
- Heat Sterilization - 120°C to 180°C.
- CO<sub>2</sub> and O<sub>2</sub> Gas Sensor.
- Water Jacketed.
- Touch Screen Display.
- Fan less design to reduce chance of contamination, reduce noise.
- Fan with in chamber HEPA for better recovery and ISO class 5 clean air or higher.

## Co2 Incubator (LMX-HI) TRI-GAS Incubator - CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>



Carbon dioxide (CO<sub>2</sub>) incubators provide optimal growing conditions and contamination prevention for valuable cell cultures. LUXMED provides a wide range of CO<sub>2</sub> incubators, ranging from a small capacity and volume to a large scale capacity cabinet. All the CO<sub>2</sub> incubators are build with the patented Water Jacket and Air Jacket systems, which minimizes the risk of condensation at the present and in the future.

### 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 Display, 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.
- Microcomputer controller, LED displays temperature, CO<sub>2</sub> concentration, run-time and timing.
- High quality infrared sensor for accurate CO<sub>2</sub> concentration.
- The working chamber adopts round angle structure, easy to clean.

### Models:

Model	LMX-C50	LMX-C80	LMX-C160
Capacity	50L	80L	160L
Heating	Air 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		
Door	With inner door and external door		
CO <sub>2</sub> Range	Infrared sensor, range 0~20%		
CO <sub>2</sub> Control Resolution	0.10%		
Humidification Type	Water tank for natural evaporation		
Sterilization Type	UV lamp for air jacket		
Ambient Temp. & Humidity	18~30°C, suggest 2±2°C; relative humidity ≤ 80%		
Caster	Footmaster caster		
Consumption	350W	600W	875W
Power Supply	AC110/220V ±10%, 50/60Hz		650W
Internal Size(W*D*H)mm	368*387*408	398*446*498	498*546*678
External Size(W*D*H)mm	500*527*821	600*596*921	700*666*1101
Packing Size(W*D*H)mm	655*680*970	730*735*1070	747*654*1260
Gross Weight(kg)	69	83	109
			146

**Dual Beam IR CO<sub>2</sub> Sensor**  
0 to 100% | SS-304 Casing  
0 to 20% | SS-304 Casing

Registered Design No.: 374333-001



Ergonomic Display and Control

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