CO₂ INCUBATOR

Managing, Optimal Environmental for Cell Growth

Co2 Incubator (LMX-CI)

Co2 Incubator (LMX-HI)
TRI-GAS Incubator - Co2, O2 and N2

20x4 LCD Display

7" Touch Screen Display

Pre-Order Selection Options For Research and cell growth

- UV lamp for air jacket.
- Heat Sterilization – 120°C to 180°C.
- Co2 and O2 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.

Carbon dioxide (CO2) incubators provide optimal growing conditions and contamination prevention for valuable cell cultures. LUXMED provides a wide range of CO2 incubators, ranging from a small capacity and volume to a large scale capacity cabinet. All the CO2 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 CO2 gas filter ensures the inside gad quality.
- SMC brand gas circuit valves ensure more stable CO2 concentration and less consumption of CO2 gas.
- Microcomputer controller, LED displays temperature,CO2 concentration ,run-time and timing.
- High quality infrared sensor for accurate CO2 concentration.
- The working chamber adopts round angle structure , easy to clean.

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Models:

Model	LMX-C50	LMX-C80		LMX-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;CO2 Concentration alarm.				
Shelves	2 pcs/ adjustable				
Material	External cold-rolled steel with painting; internal stainless steel				
Door	With inner door and external door				
CO2 Range	Infrared sensor, range 0～20%				
CO2 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	650W	1000W
Power Supply	AC110/220V±10%, 50/60Hz				
Internal Size(W*D*H)mm	368*387*408	398*446*498	380*450*590	498*546*678	498*480*722
External Size(W*D*H)mm	500*527*821	600*596*921	628*543*1033	700*666*1101	747*654*1260
Packing Size(W*D*H)mm	655*680*970	730*735*1070	680*780*1220	790*830*1250	780*880*1420
Gross Weight(kg)	69	83	109	109	146

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