

CO₂ INCUBATOR

Managing, Optimal Environmental for Cell Growth

Co2 Incubator (LMX-CI)



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



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 built 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 gas 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.

Dual Beam IR Co₂ Sensor

0 to 100% | SS-304 Casing
0 to 20% | SS-304 Casing

Registered Design No.: 374333-001



Models:

Model	LMX-C50	LMX-C80	LMX-C160	LM-C0-170-D	LM-CO-300-D	
Capacity	50L	80L	160L	170-200L	200-300L	
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 ₂ Concentration alarm.					
Shelves	2 pcs/ adjustable					
Material	External cold-rolled steel with painting; internal stainless steel					
Door	With inner door and external door					
CO ₂ Range	Infrared sensor, range 0~20%					
CO ₂ 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	Foot master 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	Dimension on demand due to customized item
External size(W*D*H) MM	500*527*821	600*596*921	628*543*1033	790*830*1250	747*654*1260	Dimension on demand due to customized item
Packing Size(W*D*H) MM	655*680*970	730*735*1070	680*780*1220	790*830*1250	780*880*1420	Dimension on demand due to customized item
Gross Weight(kg)	69	83	109	109	146	Dimension on demand due to customized item

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