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ISO : 9001:2015
ISO : 13485:2016

Ambinova TECHNOLOGIES



+91 8595173503
+91 9625922608



sales@ambinova.in



Plot at KH No.9/25/2, 13/5/1 Industrial Area
Nangli Sakrawati, Najafgarh, New Delhi- 110043.

CO2 INCUBATOR

DESCRIPTION

Carbon dioxide (CO₂) incubators provide optimal growing conditions and contamination prevention for valuable cell cultures. We provide 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 superior 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 CO₂ gas filter ensures the inside gas quality.
- Advance gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- Microcomputer controller, LCD 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.

TECHNICAL SPECIFICATION

Model/No		AMBI-CO2-50		AMBI-CO2-160	
Capacity		50L		160L	
Heating		Air jacket		Air jacket	Water jacket
Temp. Range		RT +5~ 60°C			
Cntrl Type		Microcomputer controller			
Temp. Fluctuation		< ±0.2 (at 37 °C)			
Temp. Uniformity		< ±0.3 (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			
CO ₂ Range		infrared sensor, range 0~20%			
CO ₂ Control Resolution		0.1%			
Humidification Type		Water tank for natural evaporation			
Sterilization Type		UV lamp for air jacket			
Ambient Temp. & Humidity		18~30, suggest 25+2 °C; relative humidity <80%			
Caster		footmaster caster			
Consumption		350W		650W	1000W
Power supply		AC110/220V0 V±10%, 50/60Hz			
Internal Size (W x D x H)		337 x 338 x 443		477 x 473 x 711	528 x 512 x 722
External Size (W x D x H)		500 x 527 x 821		700 x 666 x 1100	747 x 654 x 126
Packing		655 x 680 x 977		790 x 830 x 1255	780 x 880 x 142
Gross Weight(kg)		69		109	146