

Optimal CO₂ Incubator AL01-01-100 For Research Labs

Features:

Air-Jacketed Chamber with Infra Red CO₂ Sensor technology
Seamless Stainless chamber with rounded for edges easy cleaning
Equipped with interior glass door
Fanless Chamber to minimise contamination risk
High Temperature Decontamination Routine at 90°C humid heat
Overtemperature protection with audible and visible alarm
Microprocessor controller with large digital display and built-in alarm systems
Remote alarm contact for connection to external monitoring system
High Humidity at 95% rH to prevent sample dehydration
Multiple Alarms for door openings, over-/undertemperature, low CO₂ pressure
2 units are directly stackable using the flat assembly bars supplied with the units

Technical specification:

Size (liter):	150
Door:	Right Hinge
Trays:	3
Voltage(nominal +/-10%) 50Hz (V):	230
Temperature °C:	ambient +7 to 50
Heating:	Air Jacket
Spatial temperature deviation °C:	± 0.45
Temperature accuracy °C:	± 0.1
CO₂ Sensor:	Infrared
CO₂ Control:	0-20%
CO₂ Inlet Pressure:	min 1 bar, max 2 bar
Control Panel:	Automatic
Displays:	Digital display of CO ₂ concentration & temperature
Alarms:	Audible and Visible
Chamber Interior:	Stainless steel rounded edges
Decontamination Routine:	90°C automatic for 9 hours
Duration Decontamination Cycle:	25 hours
Humidity:	95% rH
Capacity humidity pan:	ca 1.5 liter
Exterior dimensions:	
Width*(mm):	700
Height*(mm):	805
Depth*(mm):	773
Interior dimensions:	
Width (mm):	500
Height (mm):	600
Depth (mm):	500
Weight incl. interior fittings	64 kg
Total weight incl. packaging	approx. 99 kg
Dimensions unit incl. packaging (WxHxD)	835 mm x 1060 mm x 953 mm
Color:	cream white

*Dimensions refer to unit housing including levelling feet, door hinges, controller panel and power cable kink protection. Please note: technical specifications refer to 25°C ambient temperature, 37°C set temperature and a mains voltage fluctuation of ± 10%. The temperature data are determined in accordance to DIN12880, part 2.