

Medline 155 Litre CO₂ Incubator (MDI50)

Product Code: MDI50

Brand: Medline Scientific

The Medline 155 Litre CO₂ Incubator (MDI50) comes with a infrared sensor to ensure stable and accurate monitoring of a CO₂ environment. The chamber is constructed with polished stainless steel with rounded corners for easy cleaning. Three shelves are delivered as standard.

The inner glass doors of this laboratory incubator has a temperature control system, ensuring everything remains clear.

Features:

- Unique direct heating and air jacketed system maintains inner chamber at a constant and stable temperature.
- Efficient CO₂ concentration control using an infrared sensor and microprocessor control.
- Polished stainless steel chamber, semi-circular arcs at corners for easy cleaning.
- Inner glass door allows culture examination without affecting temperature stability. Door temperature is controlled to prevent condensation.
- Adjustable stainless steel shelves.
- HEPA filter at inlet provides efficient filtration of bacteria and dust and supplies pure CO₂ into the incubator.
- Independent audible and visible temperature-limiting alarm system
- PID controller with large LCD screen ensures precise and reliable control.
- A controlled atmosphere is achieved by precise humidity and CO₂ concentration control.
- Air is circulated around the incubator by natural convection or by using a fan to keep both the CO₂ level and the temperature uniform. Auto-controller of fan speed to prevent damage to the samples.



Specifications:

Chamber Volume (litres)	155	
Heating Method	Air-jacketed, PID Control	
Temperature Range (°C)	Amb. +5 to 55	
Amb. Temperature (°C)	Amb. +5 to 30	
Temperature Stability (°C)	± 0.1	
CO₂ Range	0 to 20%	
CO₂ Control Resolution	± 0.1% (IR sensor)	
CO₂ Recovery	Door open 30s, recovery to 5% ≤ 3 min.	
Temperature Recovery	Door open 30s, recovery to 37°C ≤ 8 min.	
Power Consumption (W)	750	
Humidity Method	Natural Evaporation, > 95%	
No. of Shelves	3	
Dimensions (w x d x h)	Internal	480 x 530 x 610mm
	External	670 x 767 x 880mm
Weight (kg)	80	
Electrical Requirements	220V/50Hz	

Unit 3, Tower Business Park
Warpsgrove Lane
Chalgrove
Oxfordshire
OX44 7XZ

Tel: (+44) 01865 400321

Email: enquiries@medlinescientific.com

Website: www.medlinescientific.com