

A CO2 incubator is used to culture cells to provide it with the optimum temperature, moisture (sterile environment) and to maintain optimum pH. Our CO2 Incubators are equipped with all the advanced features to carry out the tests. Heavy gauge MILD sheet powder coated outer body with medical grade inner chamber makes the product durable.



Performance Parameters

Capacity in liters	150
Temperature management range	Range 3°C above ambient to 55°C
Incremental increase provided for temperature management	0.1 degree
Temperature accuracy	±0.1°C at 37 °C
Temperature stability	±0.1°C at 37°C
CO2 gas range in percentage (%)	0.1 – 20
Incremental variation in co2 gas range	0.10%
Gas uniformity	±0.1% at set 5.0% CO2 concentration at 37 °C
CO2 recovery rate	6 Minutes
Operational gas pressure range in psi	8 to 20
Dry Heat Sterilization temperature	180°C
Maximum Dry Heat Sterilization time	1 Hour
Temperature and alarm control	Touch Screen
Inner chamber material	Stainless Steel
Inner chamber formation design	Single Sheet with no corner for higher capacity
Inner chamber	Easily cleanable with rounded corners
Standard Perforated shelves provided	Yes
Number of shelves provided	1
Shelves material	Stainless Steel
Shelves thickness in mm	1 or more
Inner glass door	1
Time taken for CO2 recovery	6 min to attain 5% CO2.
Removable humidity tray	Yes
Fan less design	Yes
Sensor used	Infra-Red (IR) and NDIR type CO2 Sensor
Maximum temperature	180 °C or more during dry heat sterilizations
Uniform temp. per DIN Norms	Yes
Co2 cylinder provided with incubator	Yes
Weight of incubator in kg	55
Type of configuration	Portable

CO2 INCUBATOR

Model No: LSIINC-CO2-180L

Lab Solution India

CONTACT

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