



COOLING INCUBATOR LCOI-B17

Cooling Incubator LCOI-B17 is a microprocessor PID temperature controlled floor-standing unit with 1500 L capacity. It provides accurate and uniform temperature control from 0 to 60°C. Designed with polished 304 stainless steel, mirror polishing finishing chamber, semi-circular arcs at corners for easy cleaning of chamber. Features LCD display to view temperature readings, inner lamp for observation of samples, 03 pcs of space adjustable shelves, CFC Free R134a refrigerant with powerful compressor. Optional printer & RS485 connection offers facility of recoding parameters and temperature variation.

Features

- ❑ Microprocessor-based PID temperature controller
- ❑ R134a refrigerant, imported compressor
- ❑ Separate temperature-limiting alarm system for safe usage
- ❑ Options are available to connect printer and computer for data recording
- ❑ Inner lamp for observation of samples
- ❑ 3 pcs of adjustable shelves
- ❑ 4 casters added to corner of the base for easy movement
- ❑ Real-time electronic timer from 0 to 5999 minutes
- ❑ Sound cooling system with CFC free refrigerant and automatic defrosting system

Application

Cooling incubator used in advanced experimental needs ranging from , storage of bio-chemical samples, BOD determination to incubation of micro-organism cultures, preservation of samples, determination of enzymatic activities etc.

Specifications

Model	LCOI-B17
Chamber Volume	1500 L
Temperature Range	0°C to 60°C
Display resolution	0.1°C
Temperature stability	High $\pm 0.5^\circ\text{C}$, Low $\pm 1^\circ\text{C}$
Ambient Temperature	5°C to 35°C
Timing Range	0 to 5999 mins
Refrigerant	R134a CFC free refrigerant
Shelves	3 pcs
Display	LCD
Casters	4 moveable casters
Power	5000 W
Power Supply	380 V, 50Hz
Interior Dimension (W × D × H)	1550 × 590 × 1650 mm
Exterior Dimension (W × D × H)	2110 × 890 × 2050 mm
Weight	NW: 410 kg, GW: 530 kg

Optional Accessories

- Independent over-temperature alarm system
- RS485 Connector
- Side through-hole diameter of 25 mm