

Incubator

Grow and Maintain Microbiological

Features:

- Forced convection incubators with controlled temperature upto 70°C through Microprocessor LED Digital Temperature Controller with Auto Timer & Alarms.
- Designed for critical laboratory applications for controlled temperature range up to 70°C with an accuracy of $\pm 0.5^\circ\text{C}$.
- Integrated built-in see-thru toughened glass window in the double-walled door.
- Forced convection model accounts for temperature uniformity and higher control accuracy.
- Auto cut-off of blower and heaters on door open position.
- Seamless rounded back edges of internal work chamber and semicircular arcs at corners ensures easy clean-up and uniformities.
- Microprocessor Based Autotune PID temperature controller for PV/SV indication, timer, and cycle end alarm.
- These units are featured with Microprocessor Based AUTOMATIC DIGITAL TEMPERATURE INDICATOR-CUM-CONTROLLER with an in-built DIGITAL TIMER to control the temperature. Once the unit is switched "ON" heating starts automatically and once the set/desired value is achieved the in-built AUTOMATIC DIGITAL MINUTE TIMER starts automatically. Once this set time period is over the heaters are switched "OFF" automatically and the unit sounds a BUZZER, thus alerting the user that process is complete.
- Inner chamber and adjustable trays are made of Stainless Steel (SS-304 grade).
- Outer body made of CRC Sheet duly powder coated
- Horizontal on face cross-flow air circulation accounts for tighter uniformities and accuracy.
- Specially designed silicone door gaskets accounts for minimal heat dissipation and leakages thus accounts in electrical energy servings.
- To work on 220/230V AV, 50/60 Hz supply.

Models:

MICROPROCESSOR DIGITAL LCD DISPLAY AND CIRCULATING FAN			
Model	Internal Dimension (WxDxH) (mm)	Capacity	No of shelves
LM-BIM-95 (AdvLCD)	455x455x455	95 ltrs.	2
LM-BIM-151 (AdvLCD)	500x500x600	151 ltrs.	2
LM-BIM-252 (AdvLCD)	605x605x700	252 ltrs.	3
LM-BIM-336 (AdvLCD)	605x605x910	336 ltrs.	3
LM-BIM-450 (AdvLCD)	600x605x1200	450 ltrs.	3
LM-BIM-600 (AdvLCD)	700x700x1210	600 ltrs.	3
LM-BIM-800 (AdvLCD)	910x700x1210	800 ltrs.	4
LM-BIM-1000 (AdvLCD)	900x900x1210	1000 ltrs.	4

BOD Incubator

Growth of micro-organisms

Biochemistry Incubator

Features:

- LCD Display/LED Display.
- Polished stainless steel chamber.
- Universal castors for easy movement.
- Microprocessor PID temperature control: accurate and reliable.
- BOD socket integrated inside for additional small equipment.
- Double door design.
- Round angle structure, easy to clean.
- CFC-free environmental friendly refrigerant.

Safety function:

- Temperature protection threshold value can be set.
- Auto-off protection and alarm for abnormal situation.
- Parameters can be saved automatically when power off or system error.

Models:

Model	LMX-B100	LMX-B150	LMX-B200	LMX-B250
Capacity	100L	150L	200L	250L
Temp. Range	0~60 °C			
Temp. Fluctuation	$\pm 0.5^\circ\text{C}$			
Temp. Uniformity	$\pm 1^\circ\text{C}$ at 37°C			
Shelves	2pcs/adjustable			
Time Range	0~99h			
Refrigerant	R134a (CFC free, eco-friendly)			
Working Type	Continuous			
Standard Accessories	BOD socket, built-in printer, 2 test ports, lock			
Optional Accessories	USB port			
Consumption	1450W			
Power Supply	AC110/220V $\pm 10\%$, 50/60Hz			
Internal Size (mm)	500*350*580	550*401*690	600*450*750	660*450*850
External Size (mm)	644*647*1170	690*692*1270	742*743*1340	802*743*1440
Package Size (mm)	734*767*1400	780*782*1500	832*833*1570	892*833*1670
Gross Weight (kg)	102	110	118	126

