

# Hot Air Oven

Hot Air Sterilization - Dry Heat Sterilisation



## Features

- Designed for critical laboratory applications for controlled temperature range up to 300°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.
- Temperature Range : Upto 300 ° C
- Temperature Accuracy :  $\pm 0.5^\circ\text{C}$
- Microprocessor Based Autotune PID temperature controller for PV/SV indication, timer, and cycle end alarm.
- Temperature Controller : Microprocessor Based Digital Temperature Indicator-Cum-Controller with LED OR LCD Display OR TFT Touch Screen Display Controller (Option).
- 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.

### MICROPROCESSOR DIGITAL CONTROLLER WITH LCD DISPLAY

Model	Display Type	Internal Dimension (WxDxH) (in mm)	Capacity	Heat Load	No of shelves
#LM-HAOM-28(HO-LCD)	LCD	300x300x300	28 ltrs.	0.75 KW	2
#LM-HAOM-45(HO-LCD)	LCD	355x355x355	45 ltrs.	0.75 KW	2
#LM-HAOM-95(HO-LCD)	LCD	455x455x455	95 ltrs.	1.50 KW	2
#LM-HAOM-125(HO-LCD)	LCD	455x455x605	125 ltrs.	1.50 KW	2
#LM-HAOM-224(HO-LCD)	LCD	605x605x605	224 ltrs.	2.25 KW	2
#LM-HAOM-252(HO-LCD)	LCD	605x455x910	252 ltrs.	2.25 KW	3
#LM-HAOM-336(HO-LCD)	LCD	605x605x910	336 ltrs.	2.25 KW	3
#LM-HAOM-500(HO-LCD)	LCD	600x900x910	500 ltrs.	3.75 KW	3

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#LM-HAOM-95(HO-LCD)	LCD	455x455x455	95 ltrs.	1.50 KW	2
#LM-HAOM-125(HO-LCD)	LCD	455x455x605	125 ltrs.	1.50 KW	2
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# Incubator

Grow and maintain microbiological



## Feature

- **Forced convection incubators with controlled temperature upto 70°C through Microprocessor LED Digital Temperature Controller with Auto Timer & Alarms.**
- **Features**
- **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.**

### MICROPROCESSOR DIGITAL LCD DISPLAY AND CIRCULATING FAN

Model	Internal Dimension (WxD) Capacity	No. Of Shelve
	(mm)	
#LM -BIM -95AdvLCD)	455x455x455	95 ltrs 2
#LM -BIM -151AdvLCD)	500x500x600	151 ltrs 2
#LM -BIM -252AdvLCD)	605x605x700	252 Ltrs. 3
#LM -BIM -336AdvLCD)	605x605x910	336 ltrs 3
#LM -BIM -450AdvLCD)	600x605x1200	450 ltrs 3
#LM -BIM -600AdvLCD)	700x700x1210	600 ltrs 3
#LM -BIM -800AdvLCD)	910x700x1210	800 ltrs 4
#LM -BIM -1000AdvLCD)	900x900x1210	1000 ltrs 4

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Model	Internal Dimension (W×H×D) (mm)	Capacity	No. Of Shelves
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#LM -BIM -151AdvLCD)	500x500x600	151 ltrs	2
#LM -BIM -252AdvLCD)	605x605x700	252 Ltrs.	3
#LM -BIM -336AdvLCD)	605x605x910	336 ltrs	3
#LM -BIM -450AdvLCD)	600x605x1200	450 ltrs	3
#LM -BIM -600AdvLCD)	700x700x1210	600 ltrs	3
#LM -BIM -800AdvLCD)	910x700x1210	800 ltrs	4
#LM -BIM -1000AdvLCD)	900x900x1210	1000 ltrs	4

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