

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 savings.
- To work on 220/230V AV, 50/60 Hz supply.

Models:

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



Vacuum Drying Oven

Features:

- PID microprocessor temperature control with LED display / LCD display.
- Polished stainless steel inner chamber.
- Vacuum degree is automatically controlled (for LMV-90V/LMV-215V/LMV-90VL/LMV-215VL)
- Silicon rubber seal ring ensures the high vacuum degree in the chamber.
- Tempered double-layer glass door ensures the operation safety.
- The vacuum is controlled by microprocessor controller with digital display. (for LMV-90VL/LMV-215VL)
- The working program can be cycled for 99 times. (for LMV-90VL/LMV-215VL)
- The vacuum pump is standard accessory (for LMV-90V/LMV-215V/LMV-90VL/LMV-215VL)
- Inert gas can be filled in the chamber. (Inert gas pressure is not higher than 0.1Mpa when filling in). (for LMV-90VL/LMV-215VL)

Models:

Model	LMV-30V	LMV-50V	LMV-90V	LMV-215V	LMV-90VL	LMV-215VL
Capacity	30L	54L	91L	215L	91L	215L
Temp. Range	50~200°C	50~250°C	50~200°C			
Temp. Fluctuation	$\pm 1^\circ\text{C}$					
Vacuum Degree	<133 Pa					
Vacuum Control	/		Automatically; Include one vacuum meter		Automatically; Microprocessor controller with digital display	
Shelves No.	1 pc	2 pcs	2 pcs	3 pcs	2 pcs	3 pcs
Consumption	500W	1400W	1600W	2200W	1600W	2200W
Power Supply	AC110V/220V $\pm 10\%$, 50/60Hz					
Internal Size (W*D*H)mm	300*300*280	420*350*370	450*450*450	560*600*640	450*450*450	560*600*640
External Size (W*D*H)mm	296*300*270	416*370*346	450*450*450	556*600*640	450*450*450	556*600*640
Packing Size (W*D*H)mm	590*440*470	710*510*544	610*595*1395	720*740*1640	610*595*1395	720*740*1640
Gross Weight (kg)	50	106	155	195	155	195

