

Laboratory Oven

HSMLE Laboratory Oven is a unique test cabinet designed to detect the change in the physical characteristics of the material and to ascertain the actual working life of the testing device at elevated temperatures.

These ovens are used for high-force volume thermal convection applications. These ovens generally provide uniform temperatures throughout. Process applications for laboratory ovens can be for annealing, drying, sterilizing, and other industrial/laboratory functions.

Some types of industries that typically use these laboratory ovens are the healthcare industry, technology industry, agriculture, medical & food industries, research labs etc.



HLO-A SERIES

Note: *Due to continuous product development, product image & Specifications are subject to change.
*Customization can be done as per user requirements.

TECHNICAL SPECIFICATIONS

Model No.	HLO-27A	HLO-43A	HLO-91A	HLO-122A	HLO-216A	HLO-324A
Chamber Size (mm)	300X300X300	350X350X350	450X450X450	450X600X450	600X600X600	600X900X600
Capacity (Ltr.)	27 Ltr.	43 Ltr.	91 Ltr.	122 Ltr.	216 Ltr.	324 Ltr.
Load	1.0kw	1.25kw	1.50kw	2.0kw	2.5kw	3.0kw
Trays	2	2	2	2	2	3
Max. Temp. Range (°C)	Ambient to 250 °C					
Working Temp. Range (°C)	Upto 200 °C					
Heaters	Kanthal A-1 super quality heaters duly embedded/wound on the sides & bottom/ "U" types (ISI Marked) heating elements.					
Temp. Controller	Display PID microprocessor-based Controller cum Indicator.					
Temp. Accuracy	+/- 1.0 °C					
Temp. Uniformity	+/- 1.0 %					
Door	Double-walled sturdy door with catchers. Heavy hinges and asbestos/silicon gasket					
Insulation	High Grade Superfine material glass wool between the walls					
Air Circulation	Silent fan motor with heavy duty blower					
Ventilation	Air ventilation ports with dampers					
Safety Feature	Over temperature cut off.					
Material Chamber	Stainless steel (304 grade)					
Material Outer	Powder-coated steel/Stainless steel (304 grade)					
Electric supply	220V +/-10.50 HZ, 1 phase					

OPTIONAL:

- **Timer:** Automatic digital timer to control on/off cycle.
- **Outer Body:** Stainless steel in lieu of powder-coated mild steel.
- **Economy Model:** Same as above but with Analog thermostat in lieu of digital controller cum indicator.