

# Laboratory Oven

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

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

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



## BLO-B SERIES

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

## TECHNICAL SPECIFICATIONS:

Model No.	HLO-27B	HLO-43B	HLO-91B	HLO-122B	HLO-216B	HLO-324B
Chamber Size (mm)	300X300X300	350X350X350	450X450X450	450X600X450	600X600X600	600X900X600
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 300 °C					
Working Temp. Range (°C)	Upto 250 °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.