



GeM
Government
e Marketplace

ISO : 9001:2015
ISO : 13485:2016

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Plot at KH No.9/25/2, 13/5/1 Industrial Area
Nangli Sakrawati, Najafgarh, New Delhi- 110043.

HOT AIR OVEN

► PREMIUM SERIES

DESCRIPTION

Laboratory oven is used for high-volume thermal convection applications. This provides uniform temperature throughout the chamber necessary for annealing, drying, sterilizing, and other industrial lab functions. Typical sizes are from 90 liters to 400 liters with temperatures that can reach upto 250°C.



KEY FEATURES

- Superior insulation that improves chamber stability and reduces heat load output to the laboratory and operation power consumption, that lowers operation cost.
- Excellent microprocessor PID control technology that ensures fast ramp time comprehensive diagnostic LEDs.
- PID controls has programmable facility.
- High-quality door seal and eccentric hinge ensures maximum gasket comprehension for stable chamber temperature.
- Castor wheels for ease movement, Short circuit breaker & over load protection.
- Safety thermostat for overshoot temperature protection.
- Forced-air circulation delivers excellent temperature stability. Providing fast and accurate results.

OPTIONAL FEATURES

- Over current, over voltage protection.
- Earth leakage safety.
- Automatic Door locking provision for high temperature.
- Do not on fan and heater for door open condition, audio visual alarm for door opening.

SPECIFICATIONS

Model	AMBI-HAO-45P	AMBI-HAO-90P	AMBI-HAO-150P	AMBI-HAO-250P	AMBI-HAO-400P
Capacity	45 liters	90 liters	150 liters	250 liters	400 liters
Temp Range	Amb +5 to 200°C	Amb +5 to 250°C	Amb +5 to 250°C	Amb +5 to 250°C	Amb +5 to 250°C
Temp uniformity	±1 At 37 °C	±1 At 37 °C	±1 At 37 °C	±1 At 37 °C	±1 At 37 °C
Temp accuracy	±0.5 At 37 °C	±0.5 At 37 °C	±0.5 At 37 °C	±0.5 At 37 °C	±0.5 At 37 °C
Time Range	9 days 59 min.	9 days 59 min.	9 days 59 min.	9 days 59 min.	9 days 59 min.
Glass View Door	Yes	Yes	Yes	Yes	Yes
Digital Display	LED	LED	LED	LED	LED
Microcontroller Based	Yes	Yes	Yes	Yes	Yes
No. of Shelves	2	2	3	3	4
Inner Dimension (W x D x H) mm	350 x 350 x 350	450 x 450 x 450	500 x 500 x 600	546 x 572 x 786	750 x 600 x 900
Overall Dimension (W x D x H) mm	506 x 715 x 650	604 x 850 x 737	656 x 937 x 923	705 x 1011 x 1120	915x 885 x 1225
MOC Internals	SS304	SS304	SS304	SS304	SS304
MOC Outer Body	GI powder coated	GI powder coated	GI powder coated	GI powder coated	GI powder coated
Castor Wheel	No	No	Yes	Yes	Yes

***Optional** - Outer body material construction SS 304 sheet.