

# HOT AIR OVEN

Engineered for Excellence  
Precision Heating at Its Best!



## Precision Hot Air Oven

Our Hot Air Oven provides a controlled heating environment ideal for curing, drying, and high-temperature testing. With exceptional accuracy and superior quality, it ensures rapid drying and sterilization for critical applications. Also referred to as LOD Ovens, it is perfect for measuring loss on drying with precision.



**GMP**  
**MODELS**

Precision in Every Dose,  
Excellence in Every Instrument.

## ABOUT

Hot Air Oven GMP Series is designed for precise applications like drying, curing, and sterilization, offering a temperature range of 50°C to 250°C with exceptional accuracy and uniformity. It ensures consistent results, making it ideal for laboratories, pharmaceuticals, and industrial processes requiring controlled heating environments.



Constructed with SS 304 stainless steel, the oven features double-walled thermal insulation for excellent heat retention and forced air circulation to maintain uniform temperature distribution. Equipped with U-shaped SS tubular heaters, it delivers efficient and reliable performance for a variety of applications.

For enhanced usability, the oven includes advanced controls such as an LCD/LED display and optional PLC-based controllers that allow for data logging, precise monitoring, and temperature safety features. Available in capacities ranging from 45L to 1000L, it meets diverse industry needs for consistent and high-performance heating.

# HOT AIR OVEN

## FEATURES

- Equipment Overview:
- Double-walled with high-grade thermal insulation
- SS 304 Interior & Exterior SS 304
- Stainless Steel Trays
- Outer metal door with gasket & lock on the outside
- Forced air circulation for uniform temperature
- U-shaped SS tubular heaters
- High-quality PT-100 Temperature sensor
- Complete operations driven through a simple temperature controller LCD / LED display with timer.
- Complete with DQ, IQ, OQ, PQ & Maintenance Manual

### Power supply:

- 230/415 volts 50 Hz main supply



# HOT AIR OVEN

(Optional) PLC controller with 21 CFR compliance software and data logger.



- Temperature high cut-off (C.THCI) with audio-visual indication
- Temperature low cut-off (C.TLCI) with audio-visual indication
- 124 x 64 Graphic Display + recorder + PC software
- PRINTING INTERFACE FACILITY via RS-485 connector
- Complete operations driven through PLC with data logging



## Technical Specifications

Model	Capacity Liter	Internal Size (WxDxH) mm	External Size (WxDxH) mm	Tray Qty.	Tray Size mm	Connected Load KW
HO-101 A	45	355 x 355 x 355	505 x 505 x 655	2	340 x 340	10
HO-101 B	95	455 x 455 x 455	605 x 605 x 755	2	430 x 430	1.5
HO-101 C	225	605 x 605 x 605	750 x 750 x 900	2	530 x 530	2.0
HO-101 D	336	605 x 605 x 915	750 x 750 x 1200	3	530 x 560	2.5
HO-101 E	450	700 x 700 x 915	850 x 850 x 1250	3	630 x 630	3.0
HO-101 F	600	700 x 800 x 1000	850 x 950 x 1400	4	695 x 630	4.5
HO-101 G	800	700 x 800 x 1450	850 x 950 x 1750	4	695 x 760	8.0
HO-101 H	1000	800 x 800 x 1600	950 x 950 x 1900	5	695 x 760	9.0