

Laboratory Oven (Hot Air Oven)



TOPLAB INDIA'S Laboratory Oven is an advanced and an ideal for the experiments of the heating in Laboratory. It is full feature performance for general purpose lab ovens with feature a fast drying with vertical air flow. It is widely applicable for research and production in Chemical, Pharmaceutical, Agriculture, microbiology, universities and many more industries.

Technical Features:

- From +10°C above room temperature to 250°C.
- Digital timer with Digital Temperature controller (For TL-xx-OD Models).
- Digital Temperature indicator cum controller (For TL-xx-OD Models).
- Over-temperature limits protection / Door opening alarm.
- Air Circulation fan with motor.
- Digital LED display with touch keypads (For TL-xx-OD Models).

Construction Features:

- Circular fan assisted forced-air convection provides a high uniformed drying performance.
- Gap Between the two walls filled with glass wool insulation to avoid heat loses of 65 mm.
- Heating element Are Made of high grade chrome plated nichrome wire
- Moderately sized, spacious, and an easy to grip door handle.
- Outer chamber of Mild Steel with Powder coating and Inner chamber made of S.S.304.
- Air Ventilation is placed on top of both sides to remove heat gases and fumes.
- Control Switch & pilot lamps are fitted on front panel.
- Supplied with G.I. Wire shelves with standard supply.

Laboratory Hot Air Oven

Technical Specification:

Laboratory Oven with Thermostatic Control models

MODEL		TL-28-O	TL-43-O	TL-90-O	TL-105-O	TL-215-O
Chamber Volume (Litre)		28 L	43 L	90L	105L	215L
Temperature (°C)	Range	50°C ~ 250°C				
	Accuracy	±2°C				
	Resolution	1°C				
	Variation@100°C	5°C				
Outer Body Material		Heavy duty Powder coated MS				
Inner Chamber Material		Stainless Steel (SS 304)				
Number of Shelves		2 pcs each			3 pcs each	
Chamber Dimension(WxDxH)inch		12"x12"x12"	14"x14"x14"	18"x18"x18"	18"x18"x24"	24"x24"x24"
Chamber Dimension (WxDxH) cm		30X30X30	35X35X35	45X45X45	45X45X60	60X60X60
Power (Watts)		1250W	1450W	2000W	2500W	3000W
Weight (Kg)		36Kg	47Kg	59Kg	65Kg	75Kg
Electrical Requirements		AC 230V ,50HZ/60Hz				

Laboratory Oven with Digital Display Temperature & Timer with PID Controller Models

MODEL		TL-28-OD	TL-43-OD	TL-90-OD	TL-105-OD	TL-215-OD
Chamber Volume (Litre)		28 L	43 L	90L	105L	215L
Temperature (°C)	Range	RT+10 ~ 250°C				
	Accuracy	±2°C				
	Resolution	1°C				
	Variation@100°C	5°C				
Display		Digital LED display with touch keypads				
Outer Body Material		Heavy duty Powder coated MS				
Inner Chamber Material		Stainless Steel (SS 304)				
Number of Shelves		2 pcs each			3 pcs each	
Chamber Dimension(WxDxH)inch		12"x12"x12"	14"x14"x14"	18"x18"x18"	18"x18"x24"	24"x24"x24"
Chamber Dimension (WxDxH) cm		30X30X30	35X35X35	45X45X45	45X45X60	60X60X60
Power (Watts)		1250W	1450W	2000W	2500W	3000W
Weight (Kg)		36Kg	47Kg	59Kg	65Kg	75Kg
Electrical Requirements		AC 230V ,50HZ/60Hz				