



MANUFACTURERS OF:
Industrial Oven, Furnaces, Cooling
Equipments, Scientific, Surgical, &
Laboratory Equipments

LAB-CARE
INSTRUMENTS & SERVICES

Laboratory Oven (Without Air Circulations)

Introduction :

“Lab-Care” Laboratory Oven are designed fabricated and tested to suit various application in growing field of Pharmaceutical ,Chemical Agricutler ,Foods ,R&D lab, Institution . Hospital ,Industrial and anything for drying purpose



Double Walled STD Model. Working Chamber Stainless Steel Grade SS-304 and Outer Body Mild Steel Powder Coated, GMP Model : Both Working and Outer Body Stainless Steel Grade SS-304 The gap between the walls is filled up with special grade glass wool for proper insulation to avoid heat losses and thereby saving energy 80/20 Ni -Ch Heating Elements placed at bottom;

Temp. Range : 5 °C above ambient to 250 °C ± 2°C controlled by sensitive PID Microprocessor Base Double Display Digital Temp. Controller Power supply 230V AC 50Hz. And this is widely use for glass ware drying Or general drying purpose

Models	LC-25 a	LC-25b	LC-25c	LC-25 d	LC-25 e	LC-25 f
Chamber Volume	27 ltrs.	43 ltrs	91 ltrs.	121 ltrs.	216 ltrs.	324 ltrs.
Internal Size (Cms)	30x30x30	35x35x35	45x45x45	45x45x60	60x60x60	60x60x90
External Size						
Range	Ambient + 5 °C to 250°C					
Accuracy	+/- 1 °C					
Uniformity	+/- 1 % of set Value .					
Heat up time	60 min. up to 250°C without load.					
Controller	Microprocessor Base PID Auto Tune Double Display temperature controller					
Sensor	Pt-100					
Internal Chamber	Mild Steel / Stainless Steel 304 quality					
External	Mild Steel powder coated					
Shelves	G.I / Stainless steel wiremesh.					
Insulation	Glass wool 65 mm.					
Ventilator	Adjustable type (Aluminum)					
Door gasket	High Temp. Felt./ Asbestos Gasket					
Doors	Double walled door with glass wool					
Optional						
Safety device	Thermostat or Blind Controller.					
Timer	ON / OFF cycle.					
PID Control	Data Logger with Pc/Printer Interface with 21 Cfr Non 21Cfr Software					
Air Circulation	Forced air circulation.					
Capacity (watts)	750	1000	1500	2000	2500	3000
Power Consumption	3.5 amp	4.5 amps	7 amps	9 Amps	10 amps	13 amps
Weight (Aprox)	25 kg	28 kg	35 kg	42 kg	55 kg	85 kg
Electric requirements AC 230 V & 50 Hz cycle.						

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*N.B. : Due to continuous R&D model / specifications may change.
Picture shown with optional accessories.*