

Vacuum Drying Oven

(Ambient +10°C to 250°C)

LABEC Vacuum Drying Ovens

are available in three sizes with heating up to 200°C. These ovens are designed for drying heat-sensitive, easily decomposed and easily oxidised substances, and are suitable for drying and heating powder articles.

These models feature painted steel outer, with stainless steel internal chamber. A large glass viewing window allows easy observation of the contents.

LED controller with PID microprocessor temperature control and over-temperature alarms make this range the ideal choice for any laboratory.



F-PVO-25

Product Features:

- > 4-side heating, temperature conduction by solid steel shelves for better efficiency.
- > Thermostable silica gel door gasket for tight vacuum seal.
- > Double layer observation window, inner from explosion proof glass, outer from resin plate for safety.
- > Over-temperature audible and visual alarm.

SPECIFICATIONS

Vacuum Drying Oven (Ambient +10°C to 200°C)

Model		F-PVO-25	F-PVO-52	F-PVO-92
Heating Mode		Four walls heating with shelf conduction		
Function	Temp. Range	RT+10~200°C		
	Vacuum Degree Range	<133Pa		
	Temp. Resolution Ratio	0.1°C		
	Temp. Motion	±1°C		
	Heating-Up Time	80 mins	100 mins	120 mins
Structure	Inner Chamber	Stainless steel		
	Outer Shell	Painted mild steel		
	Insulation Layer	Aluminium silicate fibre		
	Heater	Stainless steel electric element		
	Observation Window	Inner layer bulletproof glass, outer layer acrylic		
	Vacuum Meter	Pointer gauge accuracy class 2.5		
	Nozzle Diameter	10mm		
Power	0.8kW	1.4kW	2.0kW	
Controller	Temp. Control Mode	LED PID temperature control		
	Temp. Setting Mode	Touch Button Type		
	Timer	0-9999 minutes, with timing wait function		
	Operation Function	Fixed temperature operation, timing function, automatic stop		
	Temp. Sensor	PT100		
Safety Device		Over-temperature alarm		
Specification	Inner Chamber (mm)	w300*d300*h270	w415*d370*h340	w450*d450*h450
	Exterior Size (mm)	w480*d480*h606	w560*d540*h680	w640*d590*h780
	Packing Size (mm)	w600*d550*h750	w750*d650*h850	w750*d700*h900
	Capacity	24L	52L	91L
	Number of Shelf	2		
	Load per Shelf	15kg		
	Shelf Space	100mm	140mm	185mm
	Power Supply	AC 240V/10Amp		
	NW/GW (kg)	42/52	67/92	82/105
Accessory	Shelf	2		
	Shelf Frame	4		
Optional Accessories		Vacuum Hose, Vacuum Pump		

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