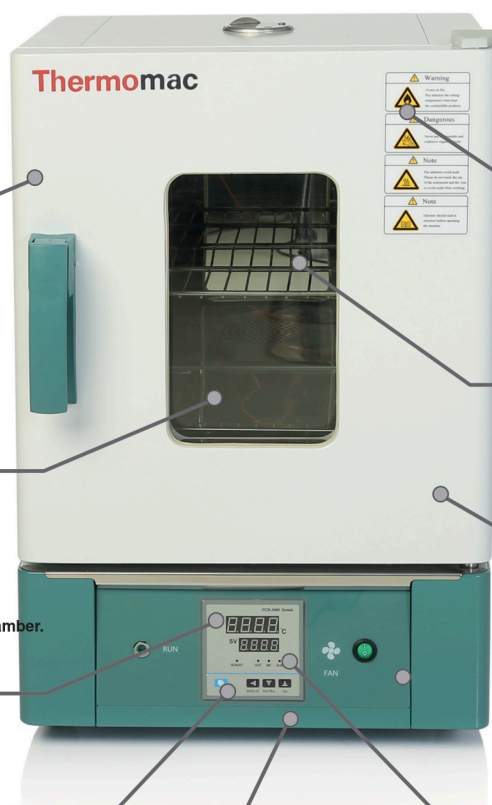


Thermomac

Forced Convection Drying Oven

FDO Series



New vertical design with cold-rolled-steel, electrostatic powder-coated exterior.

Wide tempered-glass observation window with adjustable airtight latch and silicone gasket; double heat-insulated door.

The fan can be switched off when the set temperature is reached, preventing powders or small samples from moving inside the chamber.

Parameter compensation restores settings after a power loss, preventing data loss when the unit is restarted.

A well-coordinated lower fan and heater, plus twin vertical air channels, provide even airflow and high temperature accuracy.

Special forced-air heat circulation and a low-noise fan allow operation below 50 °C. The centrifugal fan extends service life.

Stainless-steel chamber with rounded corners for easy cleaning. Adjustable shelf spacing, two-sided heating channels and a removable lower heater cover allow quick installation.

A vertical twin-fan turbine maintains stable airflow and temperature.

Constant-temperature operation, high-temperature alarm, automatic stop, dual display, precise control, 0-9999 min timer and PID microprocessor temperature control.

Technical Specifications

Model	FDO30	FDO45	FDO65	FDO125	FDO230
Capacity	30 Litres	45 Litres	65 Litres	125 Litres	230 Litres
Voltage	220V/50-60Hz				
Temperature Range	RT +10~300 °C				
Temperature Variation	±1.0 °C				
Temperature Resolution	0.1 °C				
Ambient Temperature	5-40 °C				
Heating Power (kW)	0.8	1	1.5	2.5	3
Internal Chamber Size (LxWxH)	310x310x310	350x350x350	400x360x450	500x450x550	600x500x750
External Dimensions (LxWxH)	450x490x685	490x530x730	540x540x830	640x630x930	730x660x1220
Package Dimensions (LxWxH)	550x570x780	630x600x820	650x640x920	750x730x1020	900x760x1365
Load per Shelf	15 kg for 2-shelf standard configuration				
Net Weight (kg)	33	34	44	60	94
Timing Range	0-9999 min				

