



Model: OV-50



OV Stainless Steel Shelf

Optional

- 6-hour timer
- Programmable controller for OV-100
- Test timer for heat treatment test
- Audible and Visual alarm



Optional Timer and controller

Descriptions

- Construction: Stainless Steel interior, Powder coated mild steel exterior.
- Temperature range: Ambient +5°C to 220°C
- Safety feature: Hi-limit cut-off

Features

- Universal heating ovens with gravity convection for laboratory use in heating, conditioning, curing, and thermal testing.
- Digital PID controller with uniformity of temperature fluctuation less than $\pm 1.0^\circ\text{C}$.
- Setting temperature easily with push buttons. Temperature display to 0.1°C .
- Over-temperature are protected with Hi-Limits thermostat which is a safety devices.
- Memory back-up system protect the set point value after power failure occurred.
- Double-wall design with Rockwool insulation for excellent heat retention.
- Stainless steel shelves are adjustable over the full height in 1/2" increment.
- Shielded heating element is vertically mounted avoiding any accidental spills of samples.
- Auto diagnostic system ensure rapid identification and correction if faulty occur.
- Off-set function for calibration and ISO requirement purpose.
- Supplied with 2 stainless steel shelves and 2m power cord.

SPECIFICATIONS

Model	OV-50	OV-100
Capacity	50 Litres	100 Litres
Cabinets construction (Interior)	Stainless Steel	
Cabinets construction (Exterior)	Powder coated mild steel	
Working Temp. range	5°C above ambient to 220°C	
Temperature Uniformity	$\pm 1.0^\circ\text{C}$ at 120°C	
Temp. setting & display	Digital display up to 0.1°C	
Temperature Controller	Digital PID Controller	
Safety devices	Over temperature protection	
Exterior dimensions (mm)	535W x 495D x 840H	675W x 625D x 865H
Interior dimensions (mm)	340W x 385D x 375H	475W x 470D x 400H
Standard Shelves	2 units Stainless Steel Shelves	
Shelves Size (mm)	330W x 370D x 10H	470W x 430D x 10H
Heater Power	1000 watts	1500 watts
Heating time up to 150°C	20 min	25 min
Recovery time, oven at 150°C	1.22 min (door open for 1 min)	1.25 min (door open for 1 min)
Power supply	240VAC, 50 Hz, 4.0A	240VAC, 50 Hz, 6.3A
Weight	32 Kg	45 Kg