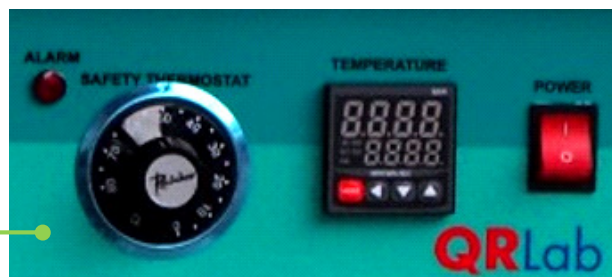




OV-50 / OV-100



### Applications

- With gravity convection technology, Natural Convection Oven is specially designed for laboratory applications requiring gentle airflow.
- Ideal for all sterilization, drying, and high-temperature storage tasks that do not require high drying performance or special time requirements but cannot be affected by strong airflow such as powders and thin foils

### Features

- Body construction: Stainless Steel interior, Powder coated mild steel exterior
- Temperature range: Ambient +5°C to 220°C
- Rapid heat-up time: Less than 30min from 30°C to 150°C
- Rapid temperature recovery time: Less than 2min to recover back to preset temperature (door open for 1min at 150°C)
- Safety feature: High-limit temperature cut-off thermostat with Alarm Indicator light
- Digital PID controller for temperature uniformity and fluctuation of less than 1.0°C
- Back-up memory system protects the preset temperature value during power failure
- Automatic diagnostic system identified and automatically adjust if controller error occurred
- Internal Offset function available for calibration purpose
- Double-wall design with rockwool insulation for excellent heat retention
- Supplied with adjustable stainless steel shelves
- Shielded heating element is vertically mounted avoiding any accidental spills of samples
- Built-in circuit breaker

### Specification

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	±1.0°C at 120°C	
Temp. setting & display	Digital display up to 1°C	
Temperature Controller	Digital PID Controller	
Safety devices	Protected with high-limit temperature cut-off thermostat	
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
Power supply	240VAC, 50 Hz, 4.0A	240VAC, 50 Hz, 6.3A
Weight	32 Kg	45 Kg

### Optional

6-hour timer / Programmable controller / Audible and Visual alarm