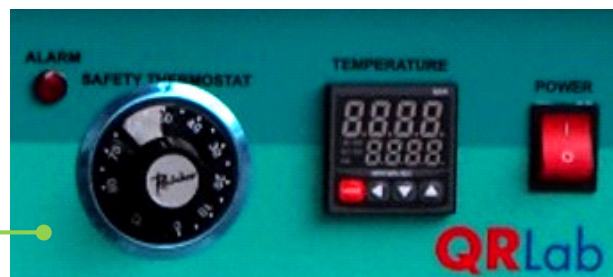




FOV-50 / FOV-100



Applications

- Fan circulates hot air rapidly through the oven's interior. This rapid, forced circulation ensure temperature throughout the oven are uniform and heat is transferred more evenly and faster.
- Ideal for annealing, die-bond curing, drying, Polyimide baking, sterilizing, and other industrial functions.

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 20min from 30°C to 150°C
- Rapid temperature recovery time: Less than 6min 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	FOV-50	FOV-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 0.1°C	
Temperature Controller	Digital PID Controller	
Safety devices	Protected with high-limit temperature cut-off thermostat	
Exterior dimensions (mm)	535W x 545D x 840H	675W x 625D x 865H
Interior dimensions (mm)	335W x 340D x 450H	475W x 430D x 475H
Standard Shelves	2 units stainless steel shelves	
Shelves Size (mm)	325W x 305D x 10H	470W x 390D x 10H
Heater Power	1200 watts	1500 watts
Power supply	240VAC, 50 Hz, 5.3A	240VAC, 50 Hz, 6.4A
Weight	33 Kg	45 Kg

Optional

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