



Model FAC-100



Model FAC-50

Features

- Microprocessor – PID controller which make it easy to achieve and maintain the exact temperature desired.
- Set temperature easily and accurately with push-buttons.
- LED dual-display screen displays both the set and actual temperatures.
- Back-up system memory protects the set point values in case of power failure.
- Heavy duty hot air fan for long lasting operation.
- Special designed air flow system ensure uniform temperature distribution throughout the chamber.
- Cold air intake port and adjustable exhaust port ensure optimum performance in various applications.
- Shielded heating element is vertically mounted avoiding any chance of accidental spills from samples.
- An independent mechanical over temperature safety thermostat takes over control of oven if controller or sensor fails. This prevents destruction of your samples.
- Constructed of stainless steel interior and powder coated mild steel exterior.
- Double-wall design with fiberglass insulation for excellent heat retention.
- Stainless steel shelves are adjustable over the full height in ½” increment.
- Side swing door with a positive sealing door latch for convenient one-hand operation.
- Auto diagnostic system integrated in the controller ensures rapid identification and correction if any fault does occur.
- Off-set function for calibration use. Important for ISO/Calibration requirement.
- Supplied with two stainless steel shelves and two meter power cord with grounded plug.

Applications

- General drying
- Thermal testing
- Sterilizing
- Firing of coatings
- Heat treatment of polymers
- Baking
- Conditioning

Specifications

MODEL	FAC-50	FAC-100
Cabinet construction	Powder coated mild steel exterior and fully stainless steel interior chamber	
Capacity	50 litres	100 litres
Type	Forced Air Convection Oven	
Temperature range	Ambient +5 to 220°C	
Temperature control	PID controller	
Uniformity	±1.0°C at 120°C	
Accuracy	±0.1°C	
Setting and display	Digital, display to 0.1°C	
Safety device	Independent over temperature protection	
Exterior dimensions (mm)	545D x 535W x 840H	625D x 675W x 865H
Interior dimensions (mm)	340D x 335W x 450H	430D x 475W x 475H
Shelves supplied	Two stainless steel shelves	
Shelves size (mm)	305D x 325W x 10H	390D x 470W x 10H
Heater power	1200 watt	1500 watt
Heating time up to 150°C	11 min	17 min
Recovery time, oven at 150°C (door open for 1 min)	4.5 min	5.38 min
Electrical	240 VAC, 50Hz, 5.3A	240 VAC, 50Hz, 6.4A
Weight	33 kg	43 kg

Options

- Simple 6-hour timer for drying purpose
- Programmable controller (10 segments) for model FAC-100 oven
- Test timer for heat treatment test
- Adjustable fan speed control

All specifications are subject to change without prior notice.