



Model FAC-1750



FAC-1750 with Optional shelf  
(made to order)

### Features

- Microprocessor-PID controller makes it easy to achieve and maintain the exact temperature desired.
- Temperature can be set easily and accurately with push-buttons.
- LED dual-display screen displays both the set and actual temperatures to  $\pm 1^\circ\text{C}$ .
- Back-up system memory protects the set point values in case of power failure.
- Heavy duty hot air fan ensures long lasting operations.
- Special-designed air flow system ensures uniform temperature distribution throughout the chamber.
- Adjustable exhaust port ensures optimum performance in various applications.
- An independent mechanical over-temperature safety thermostat takes over control of oven if controller or sensor fails. This prevents destruction of samples.
- Provided with ELCB and fan overload protection for extra safe operation.
- Constructed of stainless steel interior and powder-coated mild steel exterior.
- Double-wall design with rockwool insulation for excellent heat retention.
- Off-set function for calibration use. Important for ISO/Calibration requirements.

### Applications

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

### Other Walk-in Products

- Walk-in oven
- Walk-in cold room
- Walk-in environmental chamber
- Walk-in growth chamber
- Walk-in humidity controlled room

### Specifications

MODEL	FAC-1750
Type	Large capacity oven
Capacity	1900 litres
Chamber construction	Powder-coated mild steel exterior and full stainless steel interior chamber
Working temperature range	Ambient $+5^\circ\text{C}$ to $220^\circ\text{C}$
Temperature control	PID controller
Temperature setting and display	Digital, display up to $1^\circ\text{C}$
Air circulation	By hot air fan
Air circulation rate	$1000\text{ m}^3/\text{hr}$
Fan speed	2600 rpm
Safety devices	Fan overload protection, ELCB, Independent over-temperature protection
Interior dimensions (mm)	1549 W x 1270 D x 990 H
Exterior dimensions (mm)	1956 W x 1450 D x 1349 H
Heater power	6 kW
Heat up time to $150^\circ\text{C}$	18 min
Recovery time (Oven at $150^\circ\text{C}$ , door open for 1 min)	4 min
Electrical supply	415 VAC, 50 Hz, 3Ø4W
OPTIONAL ITEMS	<ul style="list-style-type: none"> <li>• Timer for heat treatment test (0-999 hours)</li> <li>• Audio/visual alarm</li> <li>• Shelves</li> </ul>

All specifications are subject to change without prior notice.