



Model AMBI-100



Model AMBI-50

### Features

- Heating element lies behind a panel at the back of the chamber – eliminated the risk of scorching samples placed on the chamber floor.
- Special designed horizontal guided airflow ensures uniform heat distribution throughout the chamber.
- Independent safety thermostat prevents temperature overshoot.
- Microprocessor – PID digital temperature controller ensure set temperature is achieved quickly and accurately.
- LED dual-display screen display both the set and actual temperature to 0.1°C.
- Over-temperature shut off feature is factory set at 75°C.
- Back-up system memory protects the set point values in case of power failure.
- Off-set function for calibration use. Important for ISO/Calibration requirement.
- Set temperature accurately and easily with push buttons.
- Shelves are adjustable over the full height of the chamber on half-inch centers and can be slide out for easy clearing.
- Stainless steel interior and powder coated mild steel exterior.
- Supplied with two stainless shelves and two meter length power cord with grounded plug.

### Specifications

MODEL	AMBI-50	AMBI-100
Type	Bench-top	Bench-top
Cabinet construction	Powder coated mild steel exterior and stainless steel interior chamber	Powder coated mild steel exterior and stainless steel interior chamber
Capacity	50 litres	100 litres
Temperature	Ambient +5 to 60°C	Ambient +5 to 60°C
Temperature control	PID controller	PID controller
Accuracy	±0.1°C	±0.1°C
Sensor	PT-100	PT-100
Setting and display	Digital display to 0.1°C	Digital display to 0.1°C
Safety device	Over temperature thermostat	Over temperature thermostat
Circulation	Aided by built-in fan	Aided by built-in fan
Shelves supplied	2 stainless steel shelves	2 stainless steel shelves
Shelves size (mm)	305D x 325W x 10H	390D x 470W x 10H
Exterior dimensions (mm)	545D x 535W x 805H	625D x 675W x 825H
Interior dimensions (mm)	340D x 335W x 450H	430D x 475W x 475H
Electrical loading of heater	300 watt	300 watt
Electrical	240 VAC, 50Hz, 1.3A	240 VAC, 50Hz, 1.3A
Weight	32 kg	44.5 kg

All specifications are subject to change without prior notice.