

AN ISO 9001 : 2008 CO.

Bacteriological Incubator

STANDARD SPECIFICATION

Heating:

Indirect three side heating system is provided in our units, comprising of air heaters made of high grade 1 wires of suitable wattage.. The warm air is evenly distributed throughout the chamber through efficient motor fans ensuring a very good temperature sensitivity.

Temperature Range:

Temperature range of our standard laboratory oven models are 5° c above ambient temperature to 80° c. However we have the capacity to modify the same to suit the individual specialized requirements of our customers.

Temperature Sensitivity:

Temperature inside our hot air ovens are controlled with a sensitivity of $\pm 1^{\circ}$ c or better.

Front Panel:

Front panel of our units comprises of on/off switches heating and mains indicator lamps, temperature controllers/Thermostat.

Temperature Control:

The temperature inside our laboratory oven is controlled either through hydraulic type german thermostat (Sensitivity $\pm 1^{\circ}$ c) or through solid state or micro-processor based temperature controllers cum indicators.

Standard Sizes:

Inner Chamber (W X D X H) (Volume)

300x300x300 mm	28 Ltrs
355x355x355 mm	45 Ltrs.
455x455x455 mm	95 Ltrs.
455x455x605 mm	125 Ltrs
605x605x605 mm	224 Ltrs
605x455x910 mm	252 Ltrs
605x605x910 mm	336 Ltrs



Silent Features

Double walled filled with ~70mm thermal insulator;

Outer wall made of MS duly powder coated. Inner wall made of heavy gauge SS 304 or Anodized Aluminum;

The door has synthetic rubber gasket

Digital display of temperature and controller with inbuilt fan

Exhaust/Vent facility

Built-in fan for air circulation

Heating elements will be distributed allover at bottom and sides

Stainless steel Shelves (three numbers) adjustable at various heights;

Temperature Control range: above ambient ~50-250°

Power 220 V 50Hz.

Optional Accessories :

- Air Circulating Fan.
- Digital Display Temp. Indicator.
- Digital Display Temp. Controller-Cum - Indicator In lieu of thermostat.
- Micro processor based PID temp. controller cum indicator in lieu of thermostat.
- L shaped Thermometer (Mercury) or straight type.
- Timer



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