

SPECIFICATIONS OF BACTERIOLOGICAL INCUBATORS ISI

MARK IS: 3118:1978

Construction :- With double walled construction with completer inner chamber made of Highly Polished stainless steel, outer chamber is made of mild steel sheet. Finished with powder coated paint. Gap between the walls is filled with special grade glass wool for proper insulation and to avoid heat losses.

Inner chamber fabricated with ribs for adjusting shelves to convenient height supplied with 2 removable shelves. Shelves are made of polished stainless steel sheet as per chamber. Door is insulated & fitted with heavy hinges. Door has double glass window which facilitate inspection of samples without opening the door.

Heating elements made of high grade Nichrome wire are put inside the porcelain beads and placed at the bottom and side ribs for uniform temperature all over the space.

Temperature Control :- Digital thermometer type thermostat from ambient to 80⁰ C temperature along with Digital Indicator cum controller.

Accuracy $\pm 0.5^{\circ}\text{C}$

Ventilation :- Air ventilators are provided on both side at top to flue away any gas or fumes.

Control Panel :- The equipment is digital provided with a panel having a Digital control knob ON/OFF switch and two pilot lamps.

Power Requirements :- Supplied with cord and plug suitable to operate on 220 V single phase, 50Hz AC supply. Rating : 200 Watts

Size of Inner Chamber :-

W	X	H	X	D	No. of Shelves
300	X	300	X	300	2
455	X	455	X	455 mm	2

Accessories :- Air circulating fan should be provided for uniform air circulation in the chamber.

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