

MODEL NO.: YSI-438

**YSI HOT INCUBATOR
BACTERIOLOGICAL (M. TYPE)**

As per: IS - 3118

True to their name, YSI Incubator Bacteriological (Mettler type)

The perfect choice for reliable day to day operation in variety of uses. Drying of slides, paraffin embedding, tissue culture work, incubation of antibody test, excellent for Microbiological determinations, crystallization studies and Incubation of hydroxy steroids.

Construction :

YSI incubators are sturdy, with double walled construction with complete inner chamber made of Highly Polished Stainless Steel. Outer chamber is made of Mild Steel Sheet, finished with powder coated paint. (S.S. 304 is optional for outer chamber) . 75 mm 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 or 3 removable shelves. SHELVES are made of Stainless Steel Sheet. 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 imported Nichrome wire are put inside the porcelain beads and placed at the bottom and side ribs for uniform temperature all over the space. Door gasket is made out of synthetic rubber compound

Temperature Control:

Temperature is controlled by imported capillary type thermostat from ambient to 80°C ± 0.5°C. Temperature control knob is graduated in centigrade degrees after actually observing the temperature in steady state. An L-shaped prismatic glass Thermometer is fitted on top of the Incubator for reading the chamber temperature.

Ventilation :

Air ventilators are provided on both sides at top to ventilate gas or fumes if any.

Control Panel :

The equipment is provided with a panel having a thermostat control knob, ON/OFF switch and two pilot lamps.

Power Requirement :



Supplied with cord and plug suitable to operate on 220 V single phase, 50 Hz, AC supply.

Size of inner chamber:

W	x	H	x	D	Cap.	No. of Shelves	Load
300	x	300	x	300 mm	27 liter	2	1.5 kw
355	x	355	x	355 mm	45 liter	2	1.5 kw
455	x	455	x	455 mm	92 liter	2	2.0 kw
455	x	605	x	455 mm	125 liter	3	2.2 kw
605	x	605	x	605 mm	220 liter	3	2.5 kw
605	x	910	x	455 mm	250 liter	3	2.5 kw
605	x	910	x	605 mm	330 liter	3	3.0 kw

These sizes are provided with standard feature air circulating fan as standard feature.

Optional Accessories:

- Timer
- Air Circulating Fan
- Micro processor based PID Temp. controller-cu-indicator in lieu of thermostat & L-shaped thermometer.