



MODEL NO.: YSI-431D
YSI HOT AIR STERILIZER (OVEN) DIGITAL

-Mettmert Type as per : IS 3119

Due to progressive policy of continuously developing high quality products, YSI Hot Air Sterilizers have unique design. All the instruments are subjected to tough quality control before despatch. These are designed principally to destroy Bacteria, Viruses, Fungus and Sterilize Surgical & Dental Instruments. Glass wares etc. by application of dry heat at temp. ranging between 140°C to 200°C as per IS 3119.

Construction : YSI Ovens are sturdy, with double walled construction. Inner chamber is made of Highly Polished Stainless Steel. Outer chamber is made of Mild Steel Sheet duly pre-treated in seven tanks process for surface treatment & are finished with durable Powder Coated Paint. 75 mm gap between the walls is filled with special grade glass wool for proper insulation and to avoid heat losses. Inner chamber is fabricated with ribs to adjust shelves to any convenient height. Supplied with 2 or 3 removable shelves. Shelves are made of polished SS Sheet. Insulated door is fitted with heavy hinges with a special design spring - loaded door closing device. Door gasket made of synthetic rubber compound instead of Asbestos.

Heating Element : Heating elements are made of high grade imported Nichrome wire which are insulated inside the porcelain beads and are generally placed suitably in Air Path for

uniform temperature all over the space.

Temperature Control : Temperature is controlled by an electronic digital temperature controller-cum-indicator, provided with air Circulating fan for providing homogenous temperature through out the chamber with wide temperature 50°C to 250°C ovens for various applications.

Ventilation : Air ventilator ports provided on both sides at top to ventilate, gases and fumes if any.

Control Panel : The equipment is provided with a panel having a digital temperature control knob. ON/OFF switch, two pilot indication lights and provision for fixing the TIMER.

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