

HOT AIR OVEN



MSIW

SPECIFICATIONS & FEATURES :-

Hot Air Sterilizers have unique design. All the instruments are subjected to tough quality control before dispatch. These are designed principally to destroy Bacteria, Viruses, Fungus and Sterilize Surgical & Dental Instruments Glassware's etc. by application of dry heat attempt. Ranging between 140°C to 200°C as per IS 3119.

Construction:

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 throughout the chamber with wide temperature 45°C to 250°C ovens for various applications.

Ventilation:

Air ventilator ports provided on both sides to potentiate, gas 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 operation 220V single phase, 50Hz, AC supply. Size of Inner Chamber: W x H x D = 455 x 455 x 455mm (S.S. (304 Grade))

Optional

PLC Controller basic system with PID Loop for accurate control (USB port for Transferring data from HMI to PC via Pen Drive in excel format inbuilt recording & alarm function) with HMI LCD Display

M. S. Scientific Instrument Works

Country of Origin : INDIA

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