

**Product Name :**  
Oven Universal

**Product Code :**  
NLAB-SCIENTIFICEQ39002



**Description :**

Oven Universal

**Technical Specification :**

**APPLICATIONS OF OVEN UNIVERSAL**

Double Walled Oven Universal (Mettler Type) is elegantly designed in various applications for microbiology, cell cultivation of animals and plants, food studies; general heating, drying, sterilizing, baking, to perform: material tests, ageing of computer chips, run complex experiments with highly sensitive loads, drying or tempering electronic components, hardening plastic resin. Our U universal oven stands for unparalleled precise, even and gentle temperature control.

Double Walled Oven Universal (Mettler Type) is low cost options for heating- for various experiments in, industries, R&D labs, Pharmaceutical, Food & Beverage Industries and Institutions- in the field of Medical, Agricultural and Industrial Research.

**SALIENT FEATURES & CONSTRUCTION OF OVEN UNIVERSAL**

Outer chamber is made of Mild Steel duly powder coated.

Inner chamber made of ALUMINIUM or STAINLESS STEEL (304) sheet.

Forced convection system ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber.

Thermal loss is prevented by filling mineral wool (Insulation) in space between the outer body & Inner chamber.

Door Gasket fixed on the double walled door for proper sealing.

Fitted with heavy hinges with a ball catcher, spring loaded door closing device. Door is duly insulated.

Adjustable two ventilation slides control inner air / vapour circulation.

Beaded heating elements made of high quality Nichrome/Kanthal wire are placed in ribs, at bottom and sides for uniform heat distribution.

Inner chamber has ribs for placing the shelves at convenient levels. Supplied with 2 or 3 removable shelves.

Temperature is controlled by capillary type thermostat from 50°C to 250°C  $\pm$  1°C. Temperature control knob is graduated in centigrade degrees

Temperature is displayed on 'L' shape thermometer fixed at front of the oven.

Front Panel is provided with ON/OFF switch, thermostat control knob and indicators for mains and thermostats. Supplied with cord and plug.

Operating Voltage: 220 Volts AC (50 Hz).

## Naugralabequipments

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