

HIGH TEMPERATURE DELUXE OVEN

THE PLT-128 SERIES

APPLICATIONS

- High Temperature Deluxe Oven is elegantly designed in various applications for microbiology, cell cultivation of animals and plants, food studies; drying at High Temperature sterilizing,; material tests with highly sensitive loads, drying or tempering electronic components,. Our High Temperature Oven stands for unparalleled precise, even and gentle temperature control.
- Triple Walled High Temperature Oven is best options for heating at high temperature 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

- Outer chamber is made of Mild Steel duly powder coated.
- Inner chamber made of STAINLESS STEEL (304) sheet.
- Forced convection system by motor & blowers fitted ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber & no cross contamination.
- Thermal loss is prevented by filling mineral wool (Insulation) / Silicone Fiber blanket in approximate space of (100mm) 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 & Air heating elements made of high quality Nichrome/Kanthal wire are placed in chamber, at bottom and sides for uniform heat distribution.
- Inner chamber has support for placing the shelves at convenient levels. Supplied with 2 or 3 removable shelves.
- Temperature is controlled by electronic digital temperature indicator cum controller from 50°C to 350°C \pm 3°C. Fitted on the front panel for easy operations.
- Temperature is displayed by Digital LED with SV and PV display at front of the oven.
- Front Panel is provided with ON/OFF switch, temperature controller and indicators
- Supplied with cord and plug.
- Operating Voltage: 220 Volts AC (50 Hz).



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Model No.	OVD 1	OVD 2	OVD 3	OVD4	OVD 5	OVD 6	OVD 7
Inner Chamber in MM (W x H x D)	300x300x300	355x355x355	455x455x455	455 x 605 x 605	605x605x605	605x910x455	605x910x605
Inches Conversion	12 x 12 x 12	14 x 14 x 14	18 x 18 x 18	18 x 24 x 24	24 x 24 x 24	24 x 36 x 18	24 x 36 x 24
Capacity	28 ltrs	43 ltrs	90 ltrs	120 ltrs	215 ltrs	240 ltrs	325 ltrs
No. of Shelves	2	2	2	2	2	3	3
Temperature Range	50°C to 350°C						
Temp. Controller	By Microprocessor Based PID Digital Temperature Indicator cum Controller.						
Display	Digital LED with SV and PV display.						
Temp. Sensitivity	+3°C.						
Air Circulation	By forced convection system						
Relay	Solid state electronic relay with protective heat sink.						

OPTIONAL FEATURES

Controlling of Temperature	By Profile (Micro Programmable Controller)
Audio Alarm System	Activates at end of cycle Buzzer.
Timer Facility	Can be in built with Digital Electronic Timer
Communication Port	with interface and data cable to download data to your PC
USB System	Can be in cooperated
Auto Tuning System	Can be in cooperated

