

VACUUM OVEN DOUBLE WALLED

THE PLT-126 SERIES

APPLICATIONS

- In Double Walled Vacuum Oven the thermal process occur in airtight chamber under desired level of vacuum and maintained temperature. It can help in the prevention of surface reactions (such as oxidation), decontaminating samples (removing lubricants for example) as well as for speeding up the out gassing process.
- Double Walled Vacuum Oven is low cost options for Moisture Determination, Out Gassing Solids, Aging Tests, Plating, Chemical Resistance Studies, Drying of Paper, Rubber, and Textiles, Desiccating, Dry Sterilization, Out Gassing Liquids, Vacuum Storage, Electronic Process Control.
- Vacuum Ovens are used 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 made of M.S. Powder Coated
- Inner chamber is made of STAINLESS STEEL (304 grade).
- Thermal loss is prevented by filling mineral wool (Insulation) in space between the outer body & Inner chamber.
- Provided with Door Gasket for proper sealing.
- Fitted with heavy hinges & door closing device.
- See through transparent window of toughened glass is provided at the front.
- Adjustable two air controlling valves are fitted for creation of vacuum in the chamber & release.
- Heating elements are made of high quality Nichrome/Kanthal wire are embedded around the chamber.
- Supplied with 1 or 2 removable shelves.
- Temperature is controlled by electronic digital temperature indicator cum controller from 50°C to 130°C \pm 2°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:	OVV 1	OVV 2	OVV 3	OVV 4	OVV 5	OVV 6
Sizes In mm	250 x 300	300 x 300	300 x 600	250 x 250 x 250	300 x 300 x 300	455 x 455 x 455
In. conversion	10 x 12	12 x 12	12 x 24	10 x 10 x 10	12 x 12 x 12	18 x 18 x 18
Heating Load	2.0 KW	2.0 KW	2.5 KW	2.5 KW	2.5 KW	3.0 KW
No. of Shelves	1	1	2	1	1	2
Temperature Range	50°C to 130°C					
Temp. Controller	By Microprocessor Based PID Digital Temperature Indicator cum Controller					
Temp. Sensitivity	+2°C					
Vacuum	By Compatible Rotary oil sealed or noise free vacuum pump					
Relay	Solid state electronic relay with protective heat sink					

OPTIONAL FEATURES

Vacuum Pump	Rotary oil sealed or noise free vacuum pump
Timer Facility	Can be in built with Digital Electronic Timer
Communication Port	With interface and data cable to download data to your PC
USB Port	Can be in-corporated

