

# OVEN UNIVERSAL MEMMERT TYPE GMP MODEL

## THE PLT-125(B) SERIES

### APPLICATIONS

- Double Walled Oven Universal (Memmert 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 (Memmert 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

- Outer & Inner chamber is made of STAINLESS STEEL.
- 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) 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 electronic digital temperature indicator cum controller from 50°C to 250°C ± 1°C. fitted on the front panel for easy operations.
- Different program functions can be designed for a wide variety of applications, and even when used
- 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:	OVG 1	OVG 2	OVG 3	OVG 4	OVG 5	OVG 6	OVG 7	OVG 8
<b>Sizes In mm</b>	300x300x300	355x355x355	455x455x455	455x455x605	455x605x605	605x605x605	605x455x910	605x910x605
<b>In. conversion</b>	12 x 12 x 12	14 x 14 x 14	18 x 18 x 18	18 x 18 x 24	18 x 24 x 24	24 x 24 x 24	24 x 18 x 36	24 x 24 x 36
<b>Heating Load</b>	1.0 KW	1.0 KW	1.5 KW	1.5 KW	2.0 KW	2.5 KW	2.5 KW	3.0 KW
<b>No. of Shelves</b>	2	2	2	2	2	2	3	3
<b>Temperature Range</b>	50°C to 250°C							
<b>Temp. Controller</b>	By Microprocessor Based PID Digital Temperature Indicator cum Controller							
<b>Temp. Sensitivity</b>	+1°C							
<b>Air Circulation</b>	By forced convection system							
<b>Relay</b>	Solid state electronic relay with protective heat sink							

## OPTIONAL FEATURES

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

