

# BACTERIOLOGICAL INCUBATOR (MEMMERT TYPE)

## THE PLT-136 SERIES

### APPLICATIONS

- Bacteriological Incubator (Memmert Type) Double walled is elegantly designed in various applications for microbiology, cell cultivation of animals and plants, food studies. Our Incubators stands for unparallel precise, even and gentle temperature control.
- Double Walled Incubators (Memmert Type) is low cost options for various experiments in, industries, R&D labs, Pharmaceutical, Food & Beverage Industries and Institutions— in the field of Medical, Agricultural and Industrial Research used for Drying of slides, paraffin embedding, tissue culture work, incubation of antibody test, excellent for Microbiological determinations, crystallization studies and Incubation of hydroxyl steroids.



### SALIENT FEATURES & CONSTRUCTION

- 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 has double viewing window to observe the sample placed inside the chamber without disturbing the thermal condition
- 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 110°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.
- Operating Voltage: 220 Volts AC (50 Hz).



## TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Model No:	INC 1	INC 2	INC 3	INC 4	INC 5	INC 6	INC 7	INC 8
<b>Internal Chamber in mm( W x H x D)</b>	300 x 300 x 300	355 x 355 x 355	455 x 455 x 455	455 x 605 x 455	455 x 605 x 605	605 x 605 x 605	605 x 910 x 455	605 x 910 x 605
<b>In. conversion</b>	12 x 12 x 12	14 x 14 x 14	18 x 18 x 18	18 x 24 x 18	18 x 24 x 24	24 x 24 x 24	24 x 36 x 18	24 x 36 x 24
<b>Heating Load</b>	0.5 KW	0.5 KW	1.0 KW	1.0 KW	1.5 KW	1.5 KW	1.5 KW	2.0 KW
<b>No. of Shelves</b>	2	2	2	2	2	2	3	3
<b>Temperature Range</b>	5°C above ambient to 70°C							
<b>Temp. Controller</b>	Hydraulic type capillary thermostat							
<b>Temp. Sensitivity</b>	+1°C							
<b>Temp. Display</b>	L-shaped prismatic thermometer							

## OPTIONAL FEATURES

<b>Air Circulation</b>	By F. H. P. motor fitted with blower
<b>Timer Facility</b>	By Mechanical Timer up to 2 Hours
<b>Fan Speed</b>	Can be regulated by speed regulator

