

INDUSTRIAL DRYING OVEN TRAY DRIER

THE PLT-129 SERIES

APPLICATIONS

- Triple Walled Industrial Drying Oven (Tray Drier) is Suitable for heat treatment, baking and drying applications in industries, or Institutes engaged in the production of vaccines. Tablets, Bottle Sterilizing Drying Chemicals, PCB Processing, Armature Windings, Soaking electronic components like Yoke, Coils, EHT Coils, Transformers etc.

SALIENT FEATURES & CONSTRUCTION

- Triple walled construction on heavy iron angle, inner chamber made of Mild steel painted with temp. resistant paint and outer finished with hammer tone paint
- Forced convection system by motor & blowers fitted ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber & no cross contamination.
- Air circulation is provided by heavy duty blower with ventilators are provided on the top of Oven.
- 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.
- Tubular Air heaters made of SS are placed at bottom and sides for uniform heat distribution.
- Temperature is controlled by electronic digital temperature indicator cum controller from 50°C to 250°C \pm 5°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 other accessories but without trays & trolley.
- Operating Voltage: 440 Volts three phase AC supply.



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Model No:	OVI 1	OVI 2	OVI 3	OVI 4	OVI 5	OVI 6	OVI 7	OVI 8
Inner Chamber In mm (W x H x D)	900 x 600 x 600	900 x 900 x 900	1200 x 900 x 900	1500 x 900 x 900	1800 x 900 x 600	1800 x 900 x 900	2400 x 900 x 900	2400x1200 x1200
Feet conversion	3 x 2 x 2	3 x 3 x 3	4 x 3 x 3	5 x 3 x 3	6 x 3 x 2	6 x 3 x 3	8 x 3 x 3	8 x 4 x 4
Tray Capacity	12 Ltr.	18 Ltr.	24 Ltr.	24 Ltr.	36 Ltr.	48 Ltr.	60 Ltr.	96 Ltr.
Heating Load	5.0 KW	6.0 KW	7.0 KW	10.0 KW	10.0 KW	15.0 KW	15.0 KW	18.0 KW
Temperature Range	50°C to 250°C							
Temp. Controller	By Microprocessor Based PID Digital Temperature Indicator cum Controller							
Temp. Sensitivity	+5°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
Tray Facility	Aluminum or SS at an extra cost

