

# PLASMA FREEZER (VERTICAL)

THE PLT - 151 SERIES

## APPLICATIONS

- "TANCO" brings the ultra-high-tech Triple walled Microprocessor controlled, solid-state Plasma Freezer with micro control and CFC free refrigeration system.
- It is ideal laboratory freezer to provide a perfect freezing environment for the preservation of vaccines, blood plasma, test samples, specimens and related blood components at desired temperature as low as -35°C.
- Also used for preservation of red blood plasma, white blood cell, skin, bone, bacteria, semen, biomedical product in small medium and large blood centers.
- Suitable for hospitals, drugstore, pharmaceuticals factories, sanitation and anti-epidemic stations and clinics.

## SALIENT FEATURES & CONSTRUCTION

- Freezer units are available in Ultra and Base Models with capacity to store 130 Plasma Bags to suit specific requirements of the Blood Centers.
- Robust construction Outer chamber is made of Mild Steel duly pre treated & finished with powder coated paint for lasting finish.
- Inner chamber made of STAINLESS STEEL SHEET (304 Grade).
- Outer front double walled door is insulated and is fitted with magnetic tape for air tight closing for no temperature loss, provided with lock and key arrangement.
- Door operated illumination lamp is fitted inside the chamber for easy visibility.
- A full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- High grade PUF INSULATION between outer and inner chamber for minimal thermal losses.
- Direct cooling system for stable temperature control by ISI marked Compressor/Condensing Units CFC free & R-134 a eco friendly refrigerant.
- Temperature is controlled by Electronic Digital Temperature Indicator Cum Controller fitted With Audio Visual Alarm incorporated with battery back which triggers in the event of fluctuation exceeding permitted tolerance. Unit is also fitted with Door Operated Alarm and Power Supply Failure Alarm, as a safety device to prevent the spoilage of (material stored).
- 7 Days circular chart recorder.
- Caster wheel mounted for easy portability.
- Supplied with cord and plug.
- Operating Voltage: 220 Volts AC (50 Hz).



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## TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Approx Volume (Ltr)	170 ltr.
Plasma Bags Capacity	130
Chamber	Inner Chamber Made of Stainless Steel
Temperature	Up to 30°C
Temp. Controller	By Microprocessor Based PID Digital Temperature Indicator Cum Controller with alarm facility. Fitted with specially designed deviation alarm from the preset temperature, door open alarm and power failure alarm.
Temperature Recorder	By Weekly temperature recorder
Temperature Alarm	High 33°C & low 37°C, Audio Visual Alarm
Display:	LED Display
Relay	Solid state electronic relay with protective heat sink.
Battery Backup	Facility is provided
Insulation	By High density PUF insulation
Operations	Nearly silent operation with ultra-low vibration
High Voltage Protection	Through automatic voltage stabilizer (Optional)
Electric Supply	220/230V AC, 50/60Hz

## OPTIONAL FEATURES

Printing Facility	By Built in Mini Printer to record temperature.
Regulated Voltage	By Voltage stabilizer

**Note:** Others Sizes are also Available on Request.

