

# BLOOD STORAGE CABINET

## THE PLT - 142 SERIES

### APPLICATIONS

- "TANCO" brings the ultra-high-tech Triple walled Microprocessor controlled, solid-state **BLOOD STORAGE CABINET**.
- Specially designed for storing the blood bags/bottles of capacity up to 450 ml., in an automatically controlled temperature of 4°C to 6°C for small medium and large blood centers
- Suitable for hospitals, drugstore, pharmaceuticals factories, sanitation and anti-epidemic stations and clinics.

### SALIENT FEATURES & CONSTRUCTION

- Robust construction Outer chamber is made of Mild Steel duly pre treated & finished with powder coated paint for lasting finish.
- Fitted with Durable coaxial blower for forced air circulation at triple walled back to maintain temperature uniformity in the chamber.
- 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.
- Cooling is done by finned tube evaporator lie in the air circulation path 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 stored blood bags.
- Drawers are provided for accommodating blood bottles or Blood bags.
- 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

Model No.	BSC - 1	BSC- 2	BSC - 3	BSC - 4
Approx Volume (Ltr)	40 ltrs	85 ltrs	165 ltrs	215 ltrs
Blood Bags Capacity	24	50	110	200
No. of Shelves	2	2	3	3
Chamber	Inner Chamber Made of Stainless Steel			
Temperature	Preset at 4°C ± 1°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 Alarm	High 6°C & low 2°C, Audio Visual Alarm			
Display:	LED Display			
Relay	Solid state electronic relay with protective heat sink.			
Battery Backup	Facility is provided			
Illumination	By 8 watts Fluorescent Lamp			
Air Circulation	By forced convection system			
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.
Temperature Recorder	By Weekly temperature recorder
Regulated Voltage	By Voltage stabilizer

