

FLUID WARMING CABINET

THE PLT - 143(a) SERIES

APPLICATIONS

- “TANCO” brings the ultra-high-tech Triple walled Microprocessor controlled, solid-state **Fluid Warming Cabinet**.
- Specially designed for storing the fluid bags of capacity up to 500ml in an automatically controlled temperature of 120°F to 200°F for small medium and large hospitals.
- Suitable for hospitals.

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.
- A full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- Door operated illumination lamp is fitted inside the chamber for easy visibility.
- High grade PUF/GLASS WOOL INSULATION between outer and inner chamber for minimal thermal losses.
- Heating in chamber is done by Beaded heating elements made of high quality Nichrome/Kanthal wire are placed in ribs, at bottom and sides and air heaters for uniform heat distribution.
- 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 fitted on front panel.
- Shelves are provided for proper placement at convenient levels Supplied with 2 or 3 removable shelves for Storage of Fluid 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.	FWC 1	FWC 2	FWC - 3	FWC 4
Usable Space Chamber in MM	405 x 405 x 405	610 x 450 x 410	845 x 500 x 400	870 x 570 x 560
Approx Volume (Ltr)	60 ltrs	113 ltrs	173 ltrs	282 ltrs
Capacity	2 cu.ft.	4 cu.ft.	6 cu.ft.	10 cu.ft.
No. of Shelves	2	2	3	3
Chamber	Inner Chamber Made of Stainless Steel (304 Grade)			
Temperature Range	120°F to 200°F			
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	For High & Low Temperature Deviation			
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/GLASS Wool insulation			
Operations	Nearly silent operation with ultra-low vibration			
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

