

Micro Controller based 22C Platelet Incubators with agitators. Chart recorder with temperature alarm & volt-free connections to hospital BMS system.



[PAI-36](#)

These models offer reliable platelet storage. They are available in two capacities: 36 & 72 bags. These systems are complete with a 22C incubator with glass door, micro-electronic temperature control using the latest Peltier solid state cooling and a mains re-chargeable chart recorder. The PAI-36 agitator is fitted with a motion failure alarm and the incubators have overheat warning. Alarms have volt-free contacts to connect to a local alarm or the hospital alarm management system.

The incubator can be customised for any agitator as is shown in the photograph (left).



[Custom incubator shown here with a Helmer agitator.](#)

Model PAI-36 incubator/agitator holds 36 bags

External: 695h x 595w x 567d

Model PAI-72 incubator/agitator holds 72 bags

External: 1140h x 595w x 567d

LPA-36 Agitator alone - dimensions: 320h x 450w x 350d



[LPA-36 Agitator](#)

SPECIFICATIONS

Space saving footprint; 70 strokes/minute, Motion failure alarm; Control Temp. +22c; Stability +/-0.5c; Temp deviation alarm; Chart recorder; Microprocessor control; External agitator power point; Glazed door; Remote alarm contacts (n/o, n/c)



[LPI-125A Incubator with One LPA-36 Agitator](#)

These microprocessor controlled platelet incubators are designed to store Platelet concentrates in continues motion at controlled temperature of 22C. The platelet Incubators are constructed of double walls - the exterior is of mild steel and the inner chamber is medical grade stainless steel.

Special Features

- * Micro-controller keeps the internal temperature variation within $\pm 0.5^{\circ}\text{C}$.
- * Unique air flow ensures even temperature distribution.
- * Formed - in place CFC free PU foam insulation ensures temperature stability and reduced energy consumption.
- * Audio visual alarm when the temperature deviates from the preset temperature.

[LPI-250AD Incubator with Two LPA-36 Agitators](#)



Technical Specification

Catalog No.	LPI - 125A	LPI - 250AD
Number of agitators	Single	Double
Volume	125 liters	250 liters
Temperature	22 °C	22 °C
Accuracy	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$
Oscillation	70 \pm 5 cycles/minute	70 \pm 5 cycles/minute
Capacity	36 plasma bags	72 plasma bags
Input Voltage	230 / 110V AC	230 / 110V AC
Temperature Control	Micro Controller	Micro Controller
Temperature Recorder	7 days circular chart	7 days circular chart
Dimensions h x w x d mm	700 x 800 x 920	1430 x 700 x 850