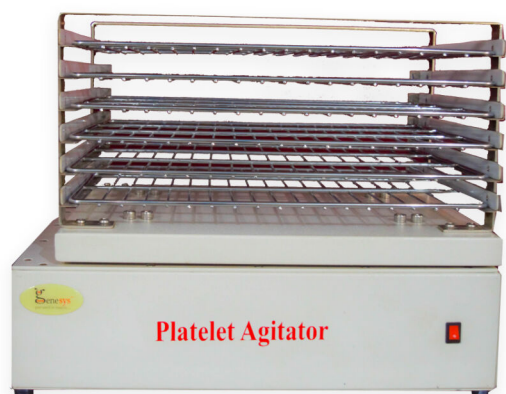


PLATELET INCUBATOR WITH AGITATOR

Complete platelet systems incorporate one of our heavy duty platelet agitators inside an incubator. They are supplied complete with no 'extras' to worry about. Micro controller based platelet incubators are designed to store Platelet concentrates in continuous motion at controlled temperature. The Platelet Incubators are constructed of double walls. The exterior is made of mild steel Powder coated and the inner chamber is fabricated stain--less steel (AISI 304). Reliable heavy duty hermetically sealed CFC free refrigeration with a combination of heating provides the required temperature. A forced air type circulation with internal fans ensures uniform temp. within the chamber. The agitator will have sturdy perforated drawers/trays to ensure uniform air circulation through the perforations. The platelet agitator is used for safe and reliable storage of platelets under controlled environment.



- ▮ Flat Bed Agitator with Temperature of 22 °C
- ▮ Moves gently from side to side
- ▮ Sturdy rollers and glides allow the drawer storage platform to agitate smoothly (6 Removable Trays for easy handling)
- ▮ Heavy duty motor with special drive ensures smooth and gentle agitation of platelets
- ▮ The agitator has a lateral movement of 1.5inch
- ▮ High ventilation capability to allow oxygen transfer to platelets bags.
- ▮ Smooth sliding stainless steel trays which can be removed for cleaning as well as enable easy removal or loading of bags in the tray
- ▮ Fixed speed agitator with heavy duty bearings and quiet operation
- ▮ Optional feature - The exclusive auto stop door switch pauses the agitator when the incubator door is opened. Agitator motion automatically resumes when the door is closed ensuring continuous agitation of platelets. Battery back-up more than 2 hrs for indicators and alarms.
- ▮ Oscillation : 60-75 cycles per minute
- ▮ Agitator : 230V AC induction motor with agitating mechanism
- ▮ The platelet incubator will have a front glass door for viewing the platelet bags. The door is light in weight and slides into the chamber for keeping and removing the bags from the agitator. visual, audible indication for door open, high and low temperature and power on. The incubator will have an inbuilt 7 days circular chart recorder. Recording chart and ink pen for 5 years shall be supplied free of cost
- ▮ Meets ISO 9001 : 2008 & CE Standards

TECHNICAL SPECIFICATIONS

- ▮ Temperature Range : 22 °C
- ▮ Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- ▮ Oscillation : 70 ± 5 cycles/minute
- ▮ Input Voltage : 230 / 110V AC
- ▮ Power consumption : 450W
- ▮ Temperature Control : Micro Controller, LED display, Temperature graph display
- ▮ Accuracy of temperature sensor : $\pm 0.5^{\circ}\text{C}$
- ▮ Temperature Probe : Digital Sensor Probe
- ▮ Air Circulation : Forced Air Circulation
- ▮ Agitating mechanism 230V AC induction motor controlled
- ▮ Type of agitation Imported linear bearings and rails for friction-free

OPTIONAL FEATURES

- ▮ Temperature Recorder: 7days Ink/Inkless chart recorder with battery back-up is available.
- ▮ RS 485 interface for multiple networking.
- ▮ Multi-channel with data logger system.
- ▮ Mobile alert via GSM technology incase of system failure.
- ▮ Battery backup for data logger system.

MODEL SELECTION

CATALOG NO.	INTERNAL DIMENSIONS (WDH) IN CM	CAPACITY IN TERMS OF BAGS	INPUT VOLTAGE
GPAI -24	60X50X50	24	230
GPAI -48	60X 50X50	48	230
GPAI-96	60X50X60	96	230
GPAI-120	60X50X60	120	230