



MARK ENTERPRISES

Platelet Incubator and Agitator

Make: MarkEn
Model: MPAI-01



Certifications:

CE, USFDA, IEC 60529-2004, IP69, ISO:45001:2018, ISO 14001:2015, ISO 9001:2015, BIFMA INTERNATIONAL, BIFMA, CE, ISO 13849-1:2015, ISO 13485:2016, WHO-GMP,USFDA,

Factory Add: Shed No.1, Plot No.93/2, Street No.17, Satpur, MIDC, Nashik-422007.Maharashtra. India.

Contact us:

Web: www.markent.co.in, **Email:** info@markent.co.in, **Cont No.:**+91 9309967021

Platelet Incubator

MarkEn platelet Incubators and agitators are especially designed to store platelet concentrates in continuous motion at controlled temperature.

The cabinet of MarkEn Chambers is insulated with high density CFC free Poly Urethane Foam. Interior of the chambers are mirror finish stainless Steel (304 SS, 0.8 mm thick). The exterior is white powder coated (1.0 mm thick) mild steel and the door has magnetic gasket with a keyed door lock.



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SILENT FEATURES;

1. Forced air circulation for temperature uniformity
2. Toughened glass door for safety and better visibility of platelet bags
3. Smart Handle
4. Suitable Inbuilt Voltage stabilizer
5. It has chamber mounted electrical outlet agitator
6. Swivel lockable castor wheel
7. magnetic gaskets for doors to prevent loss of air
8. USFDA Approved and comply with IEC Standard, ISO 9001, ISO 13485 Certified.

Technical Specification of Platelet Incubator

○ Temperature Controller	Microprocessor Controller
○ Chamber Temperature Range	+22°C with accuracy of $\pm 1^\circ\text{C}$
○ Internal Volume	200 L
○ Internal Dimension (WxDxH) in mm	635x530x740
○ External Dimension (WxDxH) in mm	715x795x1320
○ Outer Body Material	Corrosion resistance Powder Coated
○ Inner tank material	Stainless Steel 304
○ Audio Visual Alarms	Power Failure, Temperature High/Low, Door Open, Compressor run.
○ Compressor	Hermetically sealed
○ Internal lamp	CFL Lamp 15W
○ Display	4 x 7 segment LED/ HMI 4.3" Touch Screen.
○ Display resolution	0.1°C
○ Battery backup	2 Hrs
○ Temperature Chart Recorder	7 Days graphic Inkless chart recorder with $\pm 1^\circ\text{C}$ accuracy and changing and set button facility
○ Method of recording	Ink less on pressure sensitive paper
○ Data Logger	Optional
○ Power Supply	230 V $\pm 10\%$, 50Hz, Single Phase



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Platelet Agitator

MarkEn platelet agitators feature the unique designed rack with high ventilation capability to allow oxygen transfer to platelets. Smooth sliding tray can be removed for cleaning as well as to enable easy removal or loading of bags in the tray. Fixed with heavy duty bearings for smooth operation when used with MarkEn platelet incubator and the agitator will automatically stop when the door is open.



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Platelet Agitator

Silent Features:

- Smooth and continues operation
- Uniform agitation ensures no platelet clumping.
- Motion failure alarm when the agitator stops
- Fixed speed agitation with optimum amplitude for better viability of platelets
- Robust motorized slide for effective 24x7 continuous jerk free agitation
- Easy Pull out, adjustable shelves ensures inventory management
- Perforated flatbed shelves for uniform air circulation
- USFDA Approved and ISO 9001, ISO 13485 Certified

Technical Specification of Platelet Agitator	
○ Platelet Bags	48 Bags
○ Type of agitation	Movement -Flat bed agitation.
○ Pause function	10 Sec
○ Oscillation (rpm)	60-70 rpm
○ Agitating mechanism	230V AC induction motor controlled
○ Alarm	Power failure Alarm
○ Material of Trays	Stainless Steel 304
○ LED Indication	Indication for blown fuse
○ Power Supply	230 V \pm 10%, 50Hz, Single Phase
○ Weight	110 Kg
○ Quality Standard	IEC Safety, ISO 9001, ISO 13485



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