



MARK ENTERPRISES

Plasma Thawing Bath

Make: MarkEn

Model: MPTB-01



Certifications:

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, FDA,

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

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Plasma Thawing Bath is equipment designed for rapid and uniform thawing of fresh frozen plasma (FFP) bags at 37°C. This device is made of a stainless steel chamber and equipped with digital temperature controller and a water circulating pump.

We are plasma thawing bath manufacturers and suppliers in all over India. Our FFP plasma thawing machine is made of stainless steel from inside and powder coated GI sheet from outside. A suitable removable SS tray is kept to keep plasma bags. In order to provide content temperature controlling, we equip these machines with digital temperature cum timer controller, which also features END process buzzer. User can set desired time for thawing process and when process ends, the buzzer alerts the user or operator.



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MarkEn has been serving top-quality **Plasma thawing bath** to various industries. We are one of the leading manufacturers and suppliers of Plasma thawing bath in Markets. Plasma Thawing Bath is a medical used in **laboratories and blood bank for thawing units of FFP** i.e. Fresh Frozen Plasma and other blood components. The other uses of the laboratory machine are:

- For thawing of frozen plasma within 24 hours after phlebotomy
- For thawing of cryoprecipitate AHF
- For warming of whole blood and red blood cells
- For warming of crystalloid infusion solutions before transfusion

We have set up a new benchmark as a manufacturer and supplier of Plasma Thawing Bath around the world by designing industry-ready models at affordable rates. Our entire team is competent to manufacture custom-made Plasma Thawing Bath by using high-grade raw materials and as per technical specifications of the clients. We can easily design the device with some special features like:

- Castor wheels ensuring easy mobility
- Large inch touch screen display of process and set value in various languages
- Machine with over 8 plasma holding bags
- Doors with heating element with no frost built-up
- Electronic documentation

Our quality inspectors check and recheck every model multiple times on various parameters to ensure flawless delivery of the final output. When Plasma Thawing Bath ordered from MarkEn, clients get the following advantages:

- A high-quality product with manufacturer's warranty
- Simple and intuitive interface
- Easy to clean and maintain
- Fast doorstep delivery
- Installation and prompt after-sales services
- Competitive rates



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Salient features of Plasma Thawing Bath

The device supports the state-of-the-art technology for increasing the accuracy of blood collection and related procedures performed by healthcare professionals. Some of the salient features of FDA Approved Plasma Thawing Bath are

- Support stainless steel construction with interior chamber featuring 304 and 0.8mm thickness of corrosion resistant stainless steel.
- Notification by audio video alarm in case temperature deviates from the preset temperature
- Low and high water alarms
- It has two separate basket assemblies with built –in fingers for securely holding the plasma bags of all size.
- Removable Stainless Steel trays with partitions for keeping plasma bags
- Micro processor based temperature control with unmatched reliability and accuracy
- No direct contact with water
- supplied with a cover to keep the unit covered when not in use
- Maintains constant temperature of 37° C
- Rapid thawing and warming with maximum thaw time is 20 minutes
- Large LED display supporting multiple languages including English
- Sturdy construction supporting continuous operation
- Drain line with shut off valve can be connected to existing plumbing
- Supported with power backup supply in case of electrical failure
- Leak detection, overheat and auto shut off alarms
- Digital display of set and process value
- Digital timer clearly displaying the programmed set time or remaining cycle in minutes
- Rounded corners for uniform water circulation with better efficiency
- Gentle and safe heating conditions for blood thawing
- Easy to clean construction
- Reusable wrap bag, frozen plasma bag holder, compression rack holder, reference thermometer.



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Technical Specification of Plasma Thawing Bath

○ Make	MarkEn
○ Model	MPTB-01
○ Type of configuration	Table Top
○ Storage capacity	8 nos of plasma bags
○ Capacity of Bags (ml)	Any size
○ Door	made of 1 8swg CR Sheet, powder coated with structure finish and filled with formed in position PUF
○ Average thaw time	20 minutes
○ External cabinet	Powder coated GI sheet
○ Inner tank	Stainless steel 304
○ Power supply	220 Volts 50Hz, single phase AC
○ Heater	ISI mark immersion heater
○ Chamber temperature range	37°C to 56°C
○ Tray	Removable SS tray with partition
○ Shaking mechanism	Centrifugal water circulation pump
○ Temperature sensor	PT100
○ Temperature controller	1. PID temperature controller 2. In-built programmable timer 3. Process END buzzer
○ Accuracy of temperature sensor	(+/- 0.2°C)
○ Display	4x7 segment LED (red)
○ Display resolution	0.5°C
○ Weight (Net)	30 kg
○ Noise Level (db)	60 db
○ Certifications	USFDA Approved



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