

## Plasmatherm

### M-Series, MTBTS 01

The Meditech plasmatherm thaws FFP bags and warms blood, erythrocyte concentrates (EC), cryo preserved preparations, cryo preserved stem cells (HPC) and infusion solutions.



The Meditech plasmatherm is used primarily for thawing and heating fluids contained in bags or bottles and which are intended for medical transfusion or infusion in living organ-isms. Typically these fluids are whole blood, blood products, blood preparations and in-fusion solutions.

#### Benefits at a glance

1. Meditech Plasmatherm can thaws 8 bags at a time.
2. Very Simple to operate and intuitive application.
3. High standard of hygiene due to dry warming since there is no direct contact to water.
4. Smooth surfaces and rounded edges are provided inside and outside of the tank.
5. Easy to clean through wipe disinfection inside the covers and tank
6. Electronic documentation provided on request.
7. leak detection sensors to avoid risk of contamination or infection
8. Easy programmed Shortcuts for plasma, blood, HPC and user program
9. Large LED display with plain text
10. Change of water just once in a year
11. Cushions conform to bag

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The Meditech plasmatherm can be used whenever it is desirable to prevent the cooling of patients as a result of transfusions, infusion solutions or other materials.

#### Safety Features

- (1) Safe, gentle thawing and heating conditions for the Blood, Plasma and HPC programs are ensured by a dual over temperature protection which switches off the device in the event of over temperature.
- (2) Proven not to destroy important and sensitive biological components of blood and blood products as a result of excessive temperatures or violent mechanical agitation.
- (3) Automatic detection of possible leaks by moisture sensors in the heating chamber.
- (4) The device uses a dry heating process that prevents the contents of damaged con-serves (hairline cracks) being contaminated by the heat transfer fluid
- (5) The heating procedure can be monitored.
- (6) Fluid leakage is easy to detect through the use of transparent heating cushions, the light colors used in the heating chamber and white dry-paper (filter paper) on the heating chamber floor
- (7) Plain text displays in the local language.
- (8) Clearly arranged and labeled displays and controls.
- (9) The device is designed for continuous operation
- (10) Synthetic enclosure is corrosion free and saves energy
- (11) The device is stable, designed not to tip over, and has non-slip feet

Heating duration in minutes to reach 5°C	No Of Plasma Bags					
	1	2	3	4	6	8
System temperature						
45°C	11	11	12	12	14	16
37°C	14	14	15	15	18	20

Heating duration in minutes to reach 33°C	No Of Plasma Bags					
	1	2	3	4	6	8
System temperature						
45°C	14	14	16	20	24	30
37°C	22	22	24	30	40	50