

PLASMA BATH PB100

The optimum thawing mechanism for plasma

ISO 13485   

Optimize blood care with advanced technology

“ A water bath with a temperature between 37° C and 56°C should be used for thawing.”

Drugs and Cosmetics Act

“ A full load plasma pack (approx. 250ml) with a core temperature of -30°C is completely thawed in less than 20 min.”

WHO Guidelines

“ Frozen plasma products must be thawed at 37°C. The average time for 2 units to thaw is 20 minutes.”

British Society for Hematology



FEATURES

- Uniform and optimum thawing – A high-capacity pump ensures a streamlined flow to facilitate an optimum and uniform thawing of plasma.
- Large bag capacity – Up to 12 plasma bags can be thawed in one cycle, which allows for bulk demands even in emergency situations.
- Multiple usage - Can be used in laboratories as a water bath and in component separation rooms for the thawing of plasma.
- Prevents contamination – A tray with individual compartments ensures that the ports of bags are kept above the water level during the procedure.
- Saving space – The compact table top plasma bath saves space.

SPECIFICATIONS | PLASMA BATH PB100

Input power supply	230 +/-10%V 50Hz, 5A single phase AC
Power	1100W(Max)
Tray	Table top type with top opening
Operating temp.	37°C +/-0.2°C
Programmable temperature range of controller	37°C to 56°C
Timer setting Range	0-4 hrs
Display	4x7 segment LED (Red)
Display resolution	0.1°C
Temp. controller	Microprocessor based digital controller
Capacity (in terms of bags)	12 regular plasma filled bags
Ext. dimensions (L x W x H)*	701mm x 390mm x 372mm
Tray	Removable trays made of SS304 stainless steel rods for holding 12 plasma bags
Thawing system	Having a deep thawing chamber with water maintained at +37°C with pumping mechanism and inline heating system to ensure uniform thawing. Filter near water inlet inside tank prevents clogging and movement of dust into the pump
Inner tank	Stainless steel
Temperature sensing method	Sealed sensor dipped directly in the water
Approx. weight (Kg.)	35kg
Medical device Classification	Class I
Manufacturing standard	ISO 9001: 2008 , EN ISO 13485 : 2012
Standards & approvals	CE mark, EUroHS

*Tolerance applicable

REGISTERED OFFICE

TERUMO PENPOL Private Limited
I-2, JAWAHAR NAGAR
KOWDIAR P.O, TRIVANDRUM – 695003
KERALA,INDIA.

Ph.No : 0471-3015500 / 501.

Fax: 0471-2721519

CIN: U33112KL1985PTC004531

www.terumopenpol.com

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