

CYTOTHERM CT-4T.6C PLASMA THAWER

FOR MANUFACTURING CRYOPRECIPITATED AHF



- THAWS 12 PLASMA BAGS (450 ML) OF FRESH FROZEN PLASMA (FFP) IN 6.0°C WATER IN ABOUT AN HOUR
- THE ONLY COUNTERTOP PLASMA THAWER DESIGNED FOR MANUFACTURING CRYOPRECIPITATED AHF
- RAPID THAWING DOES NOT ALLOW FACTOR VIII TO DISSOLVE INTO SOLUTION BEFORE CENTRIFUGING; LEADS TO A SIGNIFICANT INCREASE IN YIELD
- ENABLES LABS TO MANAGE THEIR WORK FLOW MUCH MORE EFFICIENTLY BECAUSE OF THE PREDICTABLE AND RAPID THAW TIME (AS COMPARED TO THAWING OVERNIGHT IN A REFRIGERATOR AT 6.0°C)
- PLASMA BAG PORTS KEPT OUT OF WATER; HANDS REMAIN DRY DURING LOADING AND UNLOADING
- BRIGHT WHITE, CORROSION-RESISTANT, SANITARY PVC CONSTRUCTION IS EASY TO CLEAN & MAINTAIN
- TEMPERATURE SETTING PRESET TO 6.0°C (ADJUSTABLE FROM 5.0°C - 20.0°C) ACCURATE TO $\pm 0.1^\circ\text{C}$

SAFETY FEATURES

- Primary and secondary overheat protection systems
- Audible and visual high temperature alarm
- Built-in overheat self test
- Thaw time fully programmable (to within 1 min)
- Thaw temperature fully programmable (to within 0.1°C)

EASE OF USE

- Integrated digital display shows temperature within 0.1°C and remaining thaw time
- Simple, safe, fully-automated operation
- Integrated, back-lit display with plain text messages
- Digitally controlled

HYGENIC

- Quick connect drain system efficiently empties the water bath for easy, convenient cleaning
- The operator's gloves never come in contact with the water in the Bath when handling the plasma bags

STRENGTHS

- Practical everywhere, including in isolated locations and areas with limited infrastructure
- FDA Cleared and CE Marked
- Available in 115V or 230V
- 2 year warranty (warranty extensions available)
- Made in the USA

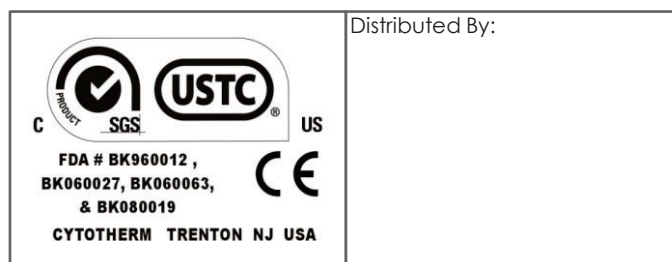
CYTOTHERM CT-4T.6C PLASMA THAWER

FOR MANUFACTURING CRYOPRECIPITATED AHF


The CytoTherm CT-4T.6C Plasma Thawer is a laboratory instrument designed specifically for the manufacture of Cryoprecipitated AHF. It consists of a recirculating water temperature bath with a patented rocking action (US Pat No. 6,007,773) and an external chiller to maintain the necessary 6.0°C water temperature in a room temperature environment. Lab work flow can be managed more efficiently because of the predictable and rapid thaw time (as compared to thawing overnight in a refrigerator at 6C). By the time that the plasma is centrifuged and the Cryoprecipitate is separated, the next batch is thawed and ready to be centrifuged.

The CT-4T.6C comes with a rack that will thaw up to 12 plasma bags (450 ml) at a time. The operator never comes in contact with the water in the bath when handling the plasma bags. The rack keeps the entry ports of flat-frozen plasma bags out of the water so an overwrap bag is not necessary.

Since 1980, CytoTherm has been a leader in the field of countertop Plasma Thawing machines. Applying years of expertise in fluid agitation and precise temperature control, CytoTherm has developed an entire family of Wet and Dry Plasma Thawers to meet any Plasma Thawing need.



CytoTherm Family Of Plasma Thawers

	CT-4S	CT-4T	CT-D4	CT-DR	CT-4T.6C
Type	Plasma Thawer	Plasma Thawer	Dry Plasma Thawer	Dry Plasma Thawer	Plasma Thawer for Manufacturing Cryoprecipitated AHF
Max Plasma Bag Capacity	4 x 600 ml	12 x 450 ml**	4 x 450 ml or 2 x 1,000 ml	6 x 450 ml or 3 x 1,000 ml	12 x 450 ml
Max Plasma Bag Size	600 ml	450 ml	1,000 ml	1,000 ml	450 ml
Thaw Time*	14 min	12 min	15 min	16 min	About an Hour
Temperature Setting	25.0°C - 40.0°C (Preset to 37.0°C†)	25.0°C - 40.0°C (Preset to 37.0°C†)	25.0°C - 40.0°C (Preset to 37.0°C†)	25.0°C - 40.0°C (Preset to 37.0°C†)	5.0°C - 20.0°C (Preset to 6.0°C)
Accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Dimensions (W x D x H)	9in x 21in x 14in 23cm x 54cm x 35cm	20in x 23in x 14in 51cm x 59cm x 35cm	14in x 21in x 14in 35cm x 53cm x 35cm	21in x 22in x 14in 54cm x 56cm x 35cm	36in x 26in x 18in 91cm x 66cm x 46cm
Electrical	115/230V, 50/60Hz 770 Watts	115/230V, 50/60Hz 770 Watts	115/230V, 50/60Hz 900 Watts	115/230V, 50/60Hz 770 Watts	115/230V, 50/60Hz 1270 Watts

* Full load of 300 ml plasma bags with 250 ml of plasma, frozen at -22°C. ** With extra accessory corral for 6 units. Part# C4T-CORS.
† World Health Organization (WHO) Clinical Use Of Blood Handbook, pg 29, "Before use, [plasma] should be thawed in the blood bank in water which is between 30°C to 37°C. Higher temperatures will destroy clotting factors and proteins."

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