

Plasma Thawer

**FDA
CLEARED**



Boekel Scientific Plasma Thawer

Model 301000

The Boekel Scientific Plasma Thawer is designed for use in blood banks and laboratories where it is required to thaw up to four units of Fresh Frozen Plasma (FFP) or Cryoprecipitated AHF or Plasma Frozen Within 24 Hours After Phlebotomy (PF24) for future infusion into a patient. It offers both controlled temperature and agitation to thaw various volumes of plasma via two independently controlled baskets that accommodate up to two plasma bags per basket. The digital microprocessor control offers rapid temperature recovery and optimal temperature stability to reduce the time required to thaw multiple bags. The easy to program user interface allows multiple time options for thawing various sized bags. Upon completion of a timed cycle, the baskets will automatically raise from the bath. Advanced safety features will notify the user of unsafe conditions and raise the baskets from the bath upon alarm activation.



Model 301000	
Thawing Capacity	4 bags
Temperature Set Point	36.0°C
Temperature Accuracy	+/- 0.3°C
Chamber Volume	17.98 L (4.75 gal)
Chamber Material	Stainless Steel
Baskets	(2) Stainless Steel
Chamber Drain Time	Approx. 5 minutes
Exterior Dimensions (Width x Length x Height)	47 cm x 41.3 cm x 37.5 cm (18.5 in x 16.25 in x 14.75 in)
Overall Dimensions (Width x Length x Height)	55.2 cm x 58.4 cm x 39.4 cm (21.75 in x 23 in x 15.5 in)
Chamber Dimensions (Width x Length x Height)	39.4 cm x 27.9 cm x 19.1 cm (15.5 in x 11 in x 7.5 in)
Electrical	120V, 50/60Hz 7A, 900W
Net Weight	26.3 kg (58 lb)
Approvals	Certified to Applicable UL and CSA Standards - 60601-1 & 61010-1

Features:

- Microprocessor temperature controller with audible and visual high temperature alarm
- Two Basket design to accommodate up to 4 bags of plasma
- Baskets designed to keep plasma bags submerged during the thawing cycle
- Independently controlled basket assemblies agitate plasma units in 36.0° C water bath to efficiently and safely thaw plasma
- Cycles can be interrupted to check units or add additional bags
- Cycle times settable from 0-60 minutes or Hold which enables the end user to control the thawing time
- Polished stainless steel tank and baskets
- Bacteria Resistant Powder Coated exterior
- Chamber volume and high capacity heater enhance heat transfer efficiencies for fast thawing times
- Convenient drain port with easy disconnect allows for effortless draining and cleaning of the bath
- Large chamber opening for easy cleaning
- Two Year Manufacturers Warranty
- Certified to applicable UL and CSA Standards
- FDA Cleared Device

Accessories

- Overwrap Protection - Disposable overwrap protection provide security and protection from contamination - **Model C1905712**
- Chamber cover - **Model D1905565**
- Antimicrobial Bath cleaner - **Model B1906001**



Model C1905712



Polished stainless steel tank and baskets



Model D1905565



Model B1906001

Average thaw times in minutes*					
Type	Approx. Volume	1 Bag	2 Bags	3 Bags	4 Bags
Cryoprecipitated AHF	17-22 mL	4.0	4.0	5.0	5.0
FFP	250 mL	11.0	11.0	12.0	12.0
FFP	300 mL	14.0	15.0	16.0	16.0
FFP	500 mL	28.0	34.0	34.0	34.0

* Thaw times listed are based on FFP or Cryoprecipitated AHF thawed at 36.0°C. All values are approximate and may vary slightly based on actual bag volume and storage conditions; however any thawing of Plasma or Cryoprecipitated AHF should always be performed as per the AABB Technical Manual, 16th Edition, 2008 as well as the "Circular of Information for the Use of Human Blood and Blood Components" dated December 2009.