

Plasma Thawing System

Product Description

The LABWAN LWPTS-08 Plasma Thawing System is designed for safe, rapid, and controlled thawing of plasma and cryoprecipitate. The system utilizes controlled temperature and agitation technology to reduce thawing time while maintaining plasma integrity. Independent basket controls, programmable operation, and stainless steel construction make it ideal for blood banks, hospitals, and clinical laboratories.

Features

- Microprocessor temperature controller
- LCD digital temperature display
- Chamber temperature programmable in 0.1°C increments
- Visual heater status indicator
- Audible and visual high temperature alarm
- Independent controls and LCD display for each basket
- Remaining cycle time display
- 14 programmable time selections
- Cycle interruption facility
- Automatic basket lift-out operation
- Rapid and uniform thawing performance
- Controlled temperature and agitation system



LWPTS-08

Application/Uses

- Plasma thawing
- Cryoprecipitate thawing
- Blood bank laboratories
- Hospital transfusion departments
- Clinical laboratories
- Research laboratories
- Red blood cell warming
- Saline warming applications
- Medical diagnostic centers

Construction

- Polished stainless steel tank and baskets
- Bacteria-resistant powder coated exterior
- Chamber volume and high-capacity heater enhance heat transfer efficiency
- Quick connect drain system efficiently empties the chamber
- Large opening for easy cleaning

Accessories

- Stainless Steel Baskets
- Chamber Drain System
- Power Cable
- Instruction Manua

Thawing Process

- Insert plasma into basket
- Set thawing cycle length
- Press cycle start button
- Basket lowers into the water chamber
- Agitation cycle begins
- Upon completion of programmed cycle, basket automatically lifts out for easy access

Technical Specifications

Technical Specification	Details
Product Name	LABWAN LWPTS-08 Plasma Thawing System
Thawing Capacity*	8 bags
Chamber Volume (gal / liter)	8.5 / 32
Chamber Material	Stainless Steel
Baskets	Stainless Steel
Chamber Drain Time (minutes)	5.5
Exterior Dimensions (W × H × D) (in/mm)	18.5 × 16.25 × 22 inch / 470 × 413 × 559 mm
Chamber Dimensions (W × H × D) (in/mm)	15.5 × 11 × 15 inch / 394 × 280 × 381 mm
Electrical	230V / 50/60Hz / 5A
Net Weight	74 lb / 34 kg

Advantages

- Reduces thawing time while maintaining plasma safety
- Independent basket controls for flexible operation
- Automatic basket lift-out after cycle completion
- Suitable for plasma and cryoprecipitate thawing
- Compact footprint design
- Easy cleaning and maintenance
- Reliable temperature control and agitation system