Dry Plasma Thawer - Dry-Type Blood Plasma Thawing Unit - 10 Bags - 37°C ±0.1°C

Model **MSPTM-1DYSWISS** | Brand **Master Science**





The Master Science Dry Plasma Thawer uses a dry-type thawing method for frozen plasma, platelets and blood products of different volumes. Temperature is set at 37 °C, adjustable, and held within ±0.1 °C.

KEY HIGHLIGHTS

- Full audit trail
- Tight control
- Restricted settings
- Low upkeep
- Fits different bags

AT A GLANCE

±0.1 °C TEMPERATURE CONTROL ACCURACY	**48 kg ±5%** WATER STORAGE CAPACITY
37 °C, adjustable TEMPERATURE CONTROL	**30 L/min** CIRCULATION CAPACITY

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Overview

A run suits 5 bags and takes up to 10, with a thawing time of 20 to 30 minutes. The IPS touch screen shows live temperature and time curves, and every cycle is logged with hospital name and operator number for traceability.

Key Benefits

Full audit trail
the Master Science Dry Plasma Thawer records temperature data for each run.

Tight control
±0.1 °C accuracy at 37 °C.

Restricted settings
password lock screen.

Low upkeep
one-touch cleaning and automatic water handling.

Fits different bags
adjustable dividers.

For higher throughput, see the Master Science water bath plasma thawer.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSPTM-1DYSWISS
SKU	MSPTM-1DYSWISS
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Model Number	MSPTM-1DYSWISS
SKU	MSPTM-1DYSWISS
Thawing Method	Dry type
Circulation Capacity	**30 L/min**
Temperature Control	37 °C, adjustable
Temperature Control Accuracy	**±0.1 °C**
Heating System	PTC; room temperature to 37 °C in 10-12 min
Suitable Thawing Quantity	5 bags
Maximum Thawing Quantity	10 bags
Thawing Time	20 to 30 min
Thawing Modes	6 custom modes
Heating Power	3500 W

DISPLAY & DATA	
Water Storage Capacity	**48 kg ±5%**
Display	IPS touch screen
Data Export	USB

DIMENSIONS & WEIGHT	
External Dimensions (L×W×H)	550 × 500 × 945 mm

HOW THE MASTER SCIENCE DRY PLASMA THAWER ADDRESSES THAWING CONCERNS	
Missing thaw records	automatic logging with operator number.
Overheated plasma	over-temperature cut-off and limit alarms.
Electrical risk around water	water and electricity are separated.
Different bag sizes	adjustable compartment and custom modes.

Use

- **Six user-defined thawing modes**
- **Timed on/off**
- **Adjustable thawing compartment**

Applications

The Master Science Dry Plasma Thawer is used for
Thawing frozen plasma Thawing platelets and blood products of different volumes Hospital blood banks and transfusion departments

Temperature Control

- Live temperature and time curves
- Adjustable upper and lower limit alarms
- Over-temperature power-off
- Low water level protection

Records

- Automatic data storage
- USB export for quality monitoring
- Simulated thawing data for calibrating thawing stages

Water System

- PTC heater isolated from the water
- Automatic water intake and drainage, no floor drain required
- Detachable tank for cleaning and disinfection