Large Platelet Incubator - Platelet Oscillating Incubator with 4 Agitators - 200-260 Bags - 22°C

Model **MSPOI-80SWISS** | Brand **Master Science**





The Master Science Large Platelet Incubator is a double-door cabinet for blood centres that hold large platelet stocks. Four oscillators, each with 10 layers, carry 200 to 260 bags in total and can be started or stopped one at a time.

KEY HIGHLIGHTS

- High-volume storage
- Run only what is loaded
- Stable 22 °C
- Prompt alerts
- Traceable data

AT A GLANCE

22.0 °C ±2 °C TEMPERATURE CONTROL RANGE	**200 to 260 bags** PLATELET BAG CAPACITY
600 W HEATING POWER	**alarm outside 20 to 24 °C.** UNDETECTED TEMPERATURE DRIFT

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

support@themsci.com
www.themsci.com

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Overview

The chamber is held at 22 °C, and the shelves oscillate horizontally through 50 mm at about 60 cycles per minute. Temperature records can be printed in real time and exported through USB for quality control.

Key Benefits

High-volume storage
the Master Science Large Platelet Incubator holds up to 260 bags.

Run only what is loaded
each of the four agitators is controlled separately.

Stable 22 °C
microprocessor control with heating and cooling.

Prompt alerts
temperature, power failure and motor alarms.

Traceable data
real-time printing and USB export.

For smaller stocks, see the Master Science platelet incubator agitator.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSPOI-80SWISS
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Temperature Control Range	**22.0 °C ±2 °C**
Temperature Control Method	Digital signal detection, microprocessor
Alarm Temperature	Below 20 °C or above 24 °C
Oscillators	4, independently controlled
Oscillation Amplitude	50 mm
Working Mode	Continuous left-right horizontal oscillation
Platelet Bag Capacity	**200 to 260 bags**
Refrigeration	Air-cooled, R134a refrigerant, 500 W
Storage Area	1404 × 436 × 1132 mm, 10 layers × 4
Ambient Temperature	5 to 35 °C

POWER	
Oscillation Frequency	60 ±5 cycles/min
Heating Power	600 W

DIMENSIONS & WEIGHT	
Dimensions (W×D×H)	1520 × 750 × 1800 mm

COMMON PROBLEMS AND HOW THIS INCUBATOR HELPS	
Common Problems and How This Incubator Helps	How the Master Science Large Platelet Incubator supports large platelet inventories:
Several small units to monitor	one cabinet with four agitators.
Whole cabinet stopped to load one shelf	oscillators stop independently.
Undetected temperature drift	alarm outside 20 to 24 °C.
Paper logs	automatic printing and USB export.

Applications

The Master Science Large Platelet Incubator is used for
Bulk storage of platelet concentrates under agitation Blood centres Hospital blood banks with high platelet turnover

Control and Records

- Microprocessor control
- LED/LCD information window
- Real-time temperature printing
- USB data export

Alarms

- High and low temperature alarm
- Abnormal shutdown and power failure alarm
- Automatic motor fault alarm

Cabinet

- Four independent oscillators
- Ultraviolet sterilisation function
- Air-cooled refrigeration with R134a refrigerant
- Silent lockable casters

Optional Accessories

- Wireless temperature and humidity monitor with data export
- Code-scanning gun