Platelet Incubator Agitator - Platelet Oscillating Incubator - 22°C ±2°C - 60 Cycles/min

Model **MSPOI-5IISWISS, MSPOI-7SWISS, MSPOI-20SWISS** | Brand **Master Science**









The Master Science Platelet Incubator Agitator stores platelet bags at a controlled 22 °C while rocking them gently from side to side. The shelves move through a 50 mm horizontal stroke at about 60 cycles per minute without stopping.

KEY HIGHLIGHTS

- Steady storage conditions
- Continuous gentle motion
- Early warning
- Records for audits
- Easy to position

AT A GLANCE

22.0 °C ±2.0 °C
TEMPERATURE CONTROL RANGE

300 W
HEATING POWER

alarm below 20 °C and above 24 °C.
TEMPERATURE EXCURSIONS GOING UNNOTICED

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

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www.themsci.com

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Overview

Three sizes are offered with 5, 7 or 10 storage layers. A microprocessor controls the chamber, an alarm sounds if the temperature leaves the 20 to 24 °C window, and temperature records can be printed in real time or exported by USB.

Key Benefits

Steady storage conditions
the Master Science Platelet Incubator Agitator holds 22 °C within ±2 °C.

Continuous gentle motion
60 cycles per minute, 50 mm stroke.

Early warning
temperature, power failure and motor fault alarms.

Records for audits
real-time printing and USB export.

Easy to position
quiet lockable casters.

Frozen components can be prepared with the Master Science swing plasma thawer.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSPOI-5IISWISS, MSPOI-7SWISS, MSPOI-20SWISS
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Temperature Control Range	**22.0 °C ±2.0 °C**
Temperature Control Method	Digital signal detection, microprocessor
Alarm Temperature	Below 20 °C or above 24 °C
Oscillation Amplitude	50 mm
Working Mode	Continuous left-right horizontal oscillation
Refrigeration	Air-cooled, R134a refrigerant, 200 W
MSPOI-5IISWISS	5 layers, 5-10 bags; storage 430 × 360 × 460 mm; external 540 × 560 × 990 mm
MSPOI-7SWISS	7 layers, 7-14 bags; storage 430 × 340 × 470 mm; external 540 × 560 × 990 mm
MSPOI-20SWISS	10 layers, 30-60 bags; storage 600 × 410 × 540 mm; external 720 × 600 × 1070 mm
Ambient Temperature	5 to 35 °C
No storage history	printed and exported temperature records.

POWER

Oscillation Frequency	60 ±5 cycles/min
Heating Power	300 W

DIMENSIONS & WEIGHT

Package Size (5II)	630 × 710 × 1210 mm

COMMON PROBLEMS AND HOW THIS INCUBATOR HELPS

Common Problems and How This Incubator Helps	How the Master Science Platelet Incubator Agitator protects stored platelets:
Temperature excursions going unnoticed	alarm below 20 °C and above 24 °C.
Agitator stopping silently	motor fault alarm.
Bag mix-ups	optional barcode scanning.

Applications

The Master Science Platelet Incubator Agitator is used for

Storage of platelet concentrates under continuous agitation Hospital blood banks Blood centres and transfusion services

Control and Display

- 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

Chamber

- Ultraviolet sterilisation function
- Air-cooled refrigeration with R134a refrigerant
- Silent casters with locks

Optional Accessories

- Code-scanning gun for identifying the source of each bag