Platelet Agitator Incubator - Platelet Storage Incubator - 72 L / 145 L - 20-24°C

Model **MSPOI-5SWISS, MSPOI-10SWISS** | Brand **Master Science**







The Master Science Platelet Agitator Incubator is an upright cabinet with a built-in stainless steel oscillator for storing platelet bags. A microprocessor holds the chamber at 22 °C ±2 °C while forced-air circulation keeps the temperature even from top to bottom.

KEY HIGHLIGHTS

- Uniform chamber temperature
- Quiet running
- Contents visible
- Alerts during outages
- Hygienic interior

AT A GLANCE

20 to 24 °C TEMPERATURE RANGE	**50 mm** OSCILLATION RANGE
72 L / 145 L EFFECTIVE CAPACITY	**1.91 / 2.02 kWh per 24 h** POWER CONSUMPTION

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

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www.themsci.com

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Overview

Two sizes are available: 72 L with 5 drawers for ten 450 ml bags, and 145 L with 10 drawers for twenty. The drawers travel 50 mm at 60 strokes per minute. It suits hospitals, blood stations, research institutes and university laboratories.

Key Benefits

Uniform chamber temperature
the Master Science Platelet Agitator Incubator uses a fan-driven air cycle.

Quiet running
49 to 50 dB with a low-noise slide rail.

Contents visible
double insulated glass door.

Alerts during outages
power failure alarm lasts 72 hours.

Hygienic interior
UV lamp that switches off when the door opens.

Larger stocks fit the Master Science large platelet incubator.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSPOI-5SWISS, MSPOI-10SWISS
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Effective Capacity	**72 L / 145 L**
Drawers	5 / 10, stainless steel
Temperature Range	**20 to 24 °C**
Oscillation Range	**50 mm**
Cooling	Forced air, no frost
Refrigerant	R134a, 53 g
Controller / Sensor	Microprocessor / NTC
Noise	49 / 50 dB
Interior / Exterior Material	Stainless steel / coated steel
Insulation	CFC-free polyurethane foam
Alarms	High/low temperature, power failure, sensor fault, door ajar
Test Hole	1 × 25 mm
Ambient Temperature	10 to 32 °C

DISPLAY & DATA	
Storage Capacity (450 ml bags)	**10 bags on 5 layers / 20 bags on 10 layers**
Display	LED digital

POWER	
Oscillation Frequency	60 times/min
Power Consumption	1.91 / 2.02 kWh per 24 h
Power Supply	220 V, 50 Hz
Power / Current	197 W, 1.3 A / 280 W, 1.5 A
Power Failure Alarm Backup	72 h
Power cuts overnight	72-hour power failure alarm.

DIMENSIONS & WEIGHT	
Interior Size (W×D×H)	427 × 360 × 467 mm / 432 × 462 × 728 mm
Exterior Size (W×D×H)	522 × 600 × 1056 mm / 522 × 600 × 1305 mm
Package Size (W×D×H)	585 × 710 × 1550 mm / 585 × 710 × 1425 mm
Net / Gross Weight	65 / 79 kg; 85 / 88.5 kg

COMMON PROBLEMS AND HOW THIS INCUBATOR HELPS

Common Problems and How This Incubator Helps	How the Master Science Platelet Agitator Incubator helps with platelet storage:
Warm and cool zones in the cabinet	forced air circulation.
Door left open	door ajar alarm.
Frost build-up	no-frost cooling.

The Master Science Platelet Agitator Incubator is used in

- **Hospitals**
- **Blood stations**
- **Research institutes**
- **University laboratories**

Cabinet

- Stainless steel oscillator and mirror-finish shelves
- High-density CFC-free foam insulation
- Heated, foamed glass door with auto-rebound
- Four casters: 2 universal, 2 fixed

Temperature Control

- High-accuracy sensor
- Microprocessor controller
- Finned evaporator and CFC-free refrigerant

Safety

- Audible and visual alarms
- Door ajar and sensor error alarms
- Power cord with earth leakage protection
- Wide voltage tolerance from 187 to 242 V

Functions

- UV disinfection with adjustable time
- Thermal printer for temperature records
- Large digital display
- Power on/off switch

Standard Accessories Included

- Thermal printer
- UV lamp
- Casters

Optional Accessories

- Datalogger