Automatic Cover Slipper - Glass Coverslipper for Slides - 600 Slides/Hour - 200 Coverslips

Model **MSCS-400TSWISS** | Brand **Master Science**





The Master Science Automatic Cover Slipper applies coverslips to microscope slides carrying cell, blood and body fluid specimens. The whole sequence, from picking the slide to dispensing mounting medium and placing the coverslip, runs under microcontroller command.

KEY HIGHLIGHTS

- Consistent mounts
- Fewer missed slides
- No broken glass on slides
- Continuous workflow
- Cleaner air

AT A GLANCE

1 to 60 slides/rack
SLIDE RACK CAPACITY

≤ 600 slides/hour
COVERSLIPPING SPEED

200 coverslips/magazine
COVERSLIP MAGAZINE CAPACITY

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

support@themsci.com
www.themsci.com

Scan to view online

Overview

It handles up to 600 slides an hour and offers both dry and wet coverslipping modes. Staining racks of basket and non-basket design are recognised automatically, and coverslips of different brands and sizes can be used.

Key Benefits

Consistent mounts
the Master Science Automatic Cover Slipper doses mounting medium with stepless volume and speed control.

Fewer missed slides
each rack is scanned twice.

No broken glass on slides
defective coverslips are rejected to the waste box.

Continuous workflow
output magazines can be loaded or removed at any time.

Cleaner air
exhaust fan with replaceable active carbon filter.

Slides can be labelled first on the Master Science UV laser slide printer.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSCS-400TSWISS
SKU	MSCS-400TSWISS
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Model Number	MSCS-400TSWISS
SKU	MSCS-400TSWISS
Coverslipping Speed	≤ 600 slides/hour
Slide Rack Capacity	**1 to 60 slides/rack**
Slide Rack Type	30 slides/rack
Coverslip Magazine Capacity	**200 coverslips/magazine**
Coverslipping Modes	Dry and wet
Control	Colour touch screen
Output Magazine Capacity	**2 magazines (60 slides in total)**

DIMENSIONS & WEIGHT	
Slide Size	25 × 75 mm (standard)
Coverslip Size	24 × (40-60) mm (standard)
Dimensions	590 × 390 × 620 mm
Net Weight	38 kg

COMMON PROBLEMS AND HOW THIS COVER SLIPPER HELPS	
Common Problems and How This Cover Slipper Helps	How the Master Science Automatic Cover Slipper answers manual coverslipping problems:
Air bubbles and uneven medium	adjustable dispensing volume and speed.
Slow hand mounting	up to 600 slides per hour.
Cracked coverslips reaching the slide	automatic quality check and discard.
Solvent vapour at the bench	carbon-filtered exhaust.

Applications

The Master Science Automatic Cover Slipper is used for

Automated coverslipping of stained microscope slides
Slides with cell, blood and body fluid specimens
Pathology departments replacing manual coverslipping

Operation

- Colour touch screen with real-time prompts
- Dry and wet modes selectable in settings
- Automatic rack recognition without manual adjustment

Mounting Medium

- Stepless adjustment of dispensing volume and speed
- Works with a range of mounting media
- Needle position detection with alarm
- Cleaning bottle at the storage position to keep the nozzle from drying (manual operation)

Monitoring

- Coverslip quality check with automatic discard
- Sensor self-test
- Two slide scans per run
- Gripper auto-adjusts, then resets and alarms after 3 failed attempts
- Missing output magazine and obstruction detection

Alarms and Ventilation

- Visual and audible alarms; sound stops after 5 cycles
- High-suction, quiet exhaust fan
- Built-in replaceable active carbon filter