# 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 |
| Brand | Master Science |
| 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