# Automated Tissue Slide Stainer, 36 Stations, 400 Slides/h, 10 Programs, 10.4-Inch Touch

Model **MSTSST-36SWISS** | Brand **Master Science**





The Automated Tissue Slide Stainer handles routine and special histology staining in a closed system, processing up to 400 slides per hour. It has 36 stations in total, including 26 reagent stations of 550 mL each and 5 washing tanks, and each rack holds 30 slides.

KEY HIGHLIGHTS

- High Throughput
- Run Different Stains Together
- Fast Arm Movement
- Clear Tracking

AT A GLANCE

**30 slides**
RACK CAPACITY

**Reaches any station in 1 s**
ARM SPEED

**Up to 10 racks with different programs (continuous loading)**
LOADING CAPACITY

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

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## Overview

Up to 10 racks can run different programs at the same time with continuous loading, and a mechanical arm reaches any station in one second. The Automated Tissue Slide Stainer is set up on a 10.4-inch color touch screen that shows programs and progress, starts each program by color code and loads racks through drawers with 2 loading and 3 unloading positions.

Prepare sections before staining with our Section Flattening Table, a natural partner for the Automated Tissue Slide Stainer.

Manual staining lines create the issues below. The Automated Tissue Slide Stainer resolves each one.

## Key Benefits

**High Throughput**
Up to 400 slides per hour with 10 racks in process.

**Run Different Stains Together**
Each rack can follow its own program, so routine and special stains run side by side.

**Fast Arm Movement**
The arm reaches any station in one second, cutting idle time.

**Clear Tracking**
Color-coded programs and on-screen progress show where every rack is.

## Technical Specifications

### UNDEFINED

| | |
|---|---|
| Brand | Master Science |
| Model Number | MSTSST-36SWISS |
| SKU | MSTSST-36SWISS |
| Total Stations | 36 |
| Reagent Stations | 26 (two can serve as standby) |
| Washing Tanks | 5 |
| Reagent Station Volume | 550 mL |
| Rack Capacity | **30 slides** |
| Throughput | 400 slides/h |
| Loading Capacity | **Up to 10 racks with different programs (continuous loading)** |
| Loading / Unloading Drawers | 2 / 3 racks |
| Programs | 10 |
| Arm Speed | Reaches any station in 1 s |
| Rack Dipping Frequency | Adjustable |
| Operation | Closed |
| Display | 10.4-inch color touch screen |
| Power Supply | AC 220 V ±10%, 50/60 Hz |
| Power | 200 W |
| Dimensions (W × D × H) | 1140 × 710 × 610 mm |
| Net Weight | 85 kg |

### PROBLEMS THE AUTOMATED TISSUE SLIDE STAINER SOLVES

| | |
|---|---|
| Manual dipping is slow and tiring | The stainer processes up to 400 slides per hour. |
| Only one protocol at a time | Ten racks can run different programs together. |
| Losing track of batches | Color-coded programs and progress display track each rack. |
| Open staining baths on the bench | The stainer works as a closed system. |

## Applications

Conventional staining of tissue sections in histopathology labs

**Special staining protocols in pathology departments**

**High-volume slide staining in hospital laboratories**

**Teaching and research histology laboratories**

## Staining Capacity

- 36 stations: 26 reagent, 5 washing and loading/unloading positions
- 550 mL reagent stations
- 30-slide racks, 400 slides per hour
- Up to 10 racks processed at the same time

## Programming

- 10 programs, any program can start at any time
- Color-coded program start shown on screen
- Adjustable rack dipping frequency
- Two reagent stations can be set as standby

## Handling and Interface

- Drawer loading: 2 racks in, 3 racks out
- Mechanical arm reaches any station in 1 second
- 10.4-inch color touch screen
- Closed operation

## Standard Accessories Included

- Automated tissue slide stainer main unit

## Optional Accessories

- No optional accessories are listed for this model; contact our team for compatible items.