14-Station Tissue Slide Stainer, 1500 mL Cups, 70-Slide Rack, 20 Programs, Hot-Air Drying

Model **MSTSST-14SWISS** | Brand **Master Science**





The 14-Station Tissue Slide Stainer automates histology staining with 14 processing cups of 1500 mL each: 12 for reagents, one water washout station and one hot-air drying station. A single rack carries up to 70 slides through a programmable sequence of up to 28 dips.

KEY HIGHLIGHTS

- Large Batches
- Built-In Drying
- Hands-Free Washing
- Flexible Protocols

AT A GLANCE

70 slides
RACK CAPACITY

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

support@themsci.com
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Overview

Twenty programs can be stored, with processing time per cup from 0 s to 59 min 59 s, adjustable dripping time and temporary cleaning. The 14-Station Tissue Slide Stainer shows working status and a synchronized animation on a 7-inch touch screen, and its solenoid-valve water system fills and drains the wash station automatically.

For multi-rack, high-throughput staining, see our Automated Tissue Slide Stainer, a larger option next to the 14-Station Tissue Slide Stainer.

Manual staining racks bring the issues below. The 14-Station Tissue Slide Stainer solves each one.

Key Benefits

Large Batches
One rack stains up to 70 slides per run.

Built-In Drying
The hot-air station dries slides automatically at the end of the run.

Hands-Free Washing
Automatic water inlet and drainage keep the wash station fresh.

Flexible Protocols
20 stored programs with up to 28 dipping steps each.

Technical Specifications

UNDEFINED	
Brand	Master Science
Model Number	MSTSST-14SWISS
SKU	MSTSST-14SWISS
Processing Cups	14 (12 reagent, 1 washout at station 8, 1 drying at station 1)
Cup Volume	1500 mL
Processing Time per Cup	0 s - 59 min 59 s
Dripping Time	0-30 s
Temporary Cleaning Time	0-59 s
Programs	20
Programmable Dipping Sequence	1-28 steps
Rack Capacity	**70 slides**
Drying	Hot-air, automatically controlled
Water System	Solenoid valve, automatic inlet and outlet
Display	7-inch touch LCD
Power Supply	AC 100-120 V / 220-240 V, 50/60 Hz
Power	500 W
Dimensions	1380 × 420 × 470 mm
Net / Gross Weight	70 kg / 105 kg
Package Size (W × D × H)	1310 × 550 × 590 mm

PROBLEMS THE 14-STATION TISSUE SLIDE STAINER SOLVES	
Timing each dip by hand	Programmed cup times run automatically.
Refilling wash water manually	The water station fills and drains by itself.
Waiting for slides to air-dry	A hot-air drying station is built in.
Small batches only	One rack holds up to 70 slides.

Applications

Routine staining in histopathology laboratories

Special staining sequences up to 28 steps

Batch staining of up to 70 slides

Teaching and research histology labs

Stations

- 12 reagent cups of 1500 mL
- Water washout station with automatic fill and drain
- Hot-air drying station

Programming

- 20 programs
- Up to 28 dipping steps per program
- Cup time 0 s to 59 min 59 s
- Dripping time 0-30 s and temporary cleaning 0-59 s

Operation

- 7-inch touch LCD with real-time status
- Animated run display synchronized with progress
- Low-noise, wear-resistant flexible drive

Standard Accessories Included

- 14-station tissue slide stainer main unit

Optional Accessories

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