18-Station Tissue Slide Stainer, 50 Slides, 750 mL Cups, 20 Programs, Air Purification

Model **MSTSST-182SWISS** | Brand **Master Science**





The 18-Station Tissue Slide Stainer stains up to 50 slides at a time through 18 cups: station 1 dries, station 10 washes and the rest hold 750 mL of reagent each. Processing time per cup is adjustable from 0 to 59 min 59 s, with dripping that shakes the rack above the cup and short temporary cleaning steps.

KEY HIGHLIGHTS

- Cleaner Lab Air
- Plan Ahead
- Self-Recovery
- Efficient Washing

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

support@themsci.com
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Overview

Twenty staining protocols can be stored, and the system calculates and shows the total processing time so work can be planned. The 18-Station Tissue Slide Stainer detects abnormal events and recovers automatically, controls water inflow, outflow and pressure for thorough washing, and uses an inner-cycling air purification system to adsorb harmful fumes.

For a 70-slide rack and 1500 mL cups, see our 14-Station Tissue Slide Stainer, an alternative to the 18-Station Tissue Slide Stainer.

Manual staining benches cause the issues below. The 18-Station Tissue Slide Stainer addresses each one.

Key Benefits

Cleaner Lab Air
The built-in air purification system adsorbs harmful fumes from reagents.

Plan Ahead
Total processing time is calculated and shown before the run.

Self-Recovery
Abnormal events are detected and handled automatically.

Efficient Washing
Automatic water and pressure control washes thoroughly while saving water.

Technical Specifications

UNDEFINED	
Brand	Master Science
Model Number	MSTSST-182SWISS
SKU	MSTSST-182SWISS
Number of Cups	18 (station 1 drying, station 10 washing)
Slides per Run	50
Reagent Cup Volume	750 mL
Processing Time per Cup	0-59 min, 0-59 s
Dripping Time	0-30 s (shakes above cup)
Temporary Cleaning Time	0-59 s
Programs	20, editable
Water System	Automatic inflow, outflow, pressure control and drainage
Air Purification	Inner-cycling, adsorbs harmful gas
Display	Wide LCD touch screen with online help
Alarms	Operation error alert; abnormal event detection and automatic recovery
Power Supply	AC 220 V ±10%, 50 Hz (standard); AC 110 V ±10%, 60 Hz
Power	500 W
Dimensions (W × D × H)	1175 × 460 × 470 mm
Weight	75 kg
Package Size (W × D × H)	1310 × 560 × 680 mm

PROBLEMS THE 18-STATION TISSUE SLIDE STAINER SOLVES	
Reagent fumes in the workspace	Inner-cycling air purification adsorbs harmful gas.
Uncertain finish times	Processing time is calculated and displayed.
Runs ruined by faults	Abnormal events trigger automatic recovery.
Wasted wash water	Automatic pressure and flow control improves water efficiency.

Applications

Routine staining in histopathology laboratories

Special staining protocols

Batch staining of up to 50 slides

Teaching and research histology labs

Stations

- 18 cups with 750 mL reagent volume
- Washing station with automatic water control
- Drying station
- 50 slides per run

Programming

- 20 editable protocols
- Cup time up to 59 min 59 s
- Dripping 0-30 s with rack shaking
- Automatic total-time calculation

Safety and Interface

- Inner-cycling air purification
- Operation error alert
- Automatic recovery after abnormal events
- Wide LCD touch screen with real-time icons and online help

Standard Accessories Included

- 18-station tissue slide stainer main unit

Optional Accessories

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