Section Flattening Station - Dual Water Bath and Slide Dryer - RT to 100°C - 32 Slide Table

Model **MSTSBW-T3SWISS** | Brand **Master Science**







The Master Science Section Flattening Station has two separate floatation baths and a slide drying table in one unit, so two people or two protocols can work side by side. Each bath has a removable transparent glass dish lit from below by low-voltage lighting.

KEY HIGHLIGHTS

- Two baths at different settings
- Even, quick warm-up
- Good visibility
- Simple cleaning
- Automatic schedule

AT A GLANCE

RT to 70 °C	RT to 100 °C
FLOATATION BATH TEMPERATURE	SLIDE DRYING TEMPERATURE

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

support@themsci.com
www.themsci.com

Scan to view online

Overview

Three PID channels control the two baths and the drying table independently. Bath temperature is adjustable up to 70 °C and the drying table up to 100 °C, both within ±1 °C. The table takes 32 slides.

Overview

- High-borosilicate heat-resistant glass dishes
- DC low-voltage illumination
- Sloped, serrated drying table
- Corrosion- and wear-resistant black table

Key Benefits

Two baths at different settings
the Master Science Section Flattening Station controls each tank separately.

Even, quick warm-up
high-thermal-conductivity heating element.

Good visibility
lit, transparent dishes.

Simple cleaning
split-design borosilicate dishes lift out.

Automatic schedule
weekly timer for the whole unit or any single function.

A single-bath alternative is the Master Science tissue floatation workstation.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSTSBW-T3SWISS
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Floatation Bath Temperature	RT to 70 °C
Slide Drying Temperature	RT to 100 °C
Temperature Control Precision	±1 °C
Heating Tanks	2, independent
Water Bath Dish	155 × 155 × 55 mm
Drying Table	405 × 130 mm, 32 slides
Temperature Control	Three-channel independent PID
Electricity	AC 100-120 V / AC 220-240 V, 50/60 Hz
Power	600 W

DIMENSIONS & WEIGHT	
Package Dimensions (W×D×H)	620 × 570 × 320 mm
Weight	14.5 kg

COMMON PROBLEMS AND HOW THIS STATION HELPS	
Common Problems and How This Station Helps	How the Master Science Section Flattening Station eases section mounting:
Queue at a single water bath	two independent baths.
Folds and creases in sections	bath held within ±1 °C.
Slides sliding off the hotplate	serrated, sloped table.
Overheated wax on slides	triple overheat protection.

Applications

The Master Science Section Flattening Station is used for
Flattening paraffin sections on warm water Drying mounted slides Histology and pathology laboratories

Control and Display

- Single-chip microprocessor control
- Green digital display of all working parameters
- High-precision clock with separate windows
- Adjustable lighting and display brightness
- Set temperature memory; power-off memory with self-start

Heating

- Ambient temperature sensing for accurate measurement
- Triple overheat protection
- Floating and drying temperatures set individually

Extras

- Audio playback with TF card slot, USB and headphone interfaces

Optional Accessories

- Interface for real-time online temperature collection (network)