Tissue Floatation Workstation - Water Bath and Slide Dryer - RT to 70°C Bath - 50 Slide Table

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







The Master Science Tissue Floatation Workstation puts a section floatation bath and a slide drying table in one low bench-top unit. Paraffin ribbons are spread on warm water, picked up on slides and dried on the heated rack beside the bath.

KEY HIGHLIGHTS

- Two steps, one footprint
- Clear view of sections
- Easy water changes
- Ready on schedule
- Safe heating

AT A GLANCE

RT to 70 °C
FLOATATION BATH TEMPERATURE

RT to 99 °C
SLIDE DRYING TEMPERATURE

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

support@themsci.com
www.themsci.com

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Overview

The bath is adjustable from room temperature to 70 °C and the drying table to 99 °C. Two PID channels control them independently, so changing one does not disturb the other. The unit serves pathology research, hospitals, medical schools, research institutes and food and drug inspection departments.

Overview

- High-borosilicate heat-resistant glass dish, split design
- Sloped, serrated drying table for easy loading
- Corrosion- and wear-resistant black table material

Key Benefits

Two steps, one footprint
the Master Science Tissue Floatation Workstation spreads and dries at the same station.

Clear view of sections
horizontal low-voltage lighting without glare.

Easy water changes
removable borosilicate glass dish.

Ready on schedule
weekly on/off timer for the unit or each function.

Safe heating
triple overheat protection.

Ribbons for floating are cut on the Master Science rotary microtome.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSTSBW-TKSWISS
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Floatation Bath Temperature	RT to 70 °C
Slide Drying Temperature	RT to 99 °C
Water Bath Dish	210 × 170 × 55 mm
Drying Table	250 × 108 mm, 50 slides
Temperature Control	Two-channel independent PID
Electricity	AC 100-120 V / AC 220-240 V, 50/60 Hz
Power	400 W

DIMENSIONS & WEIGHT	
External Dimensions	310 × 460 × 135 mm
Net Weight	6 kg

COMMON PROBLEMS AND HOW THIS WORKSTATION HELPS	
Common Problems and How This Workstation Helps	How the Master Science Tissue Floatation Workstation supports slide preparation:
Wrinkled sections	steady bath temperature up to 70 °C.
Separate bath and hotplate crowding the bench	both functions in one unit.
Hard-to-see ribbons on the water	glare-free lighting under a clear dish.
Cold bath at the start of the day	timed automatic start.

The Master Science Tissue Floatation Workstation is used in

Pathology research laboratories

Hospitals

Medical schools and research institutes

Food and drug inspection departments

Control and Display

- Single-chip microprocessor control
- Large green digital display of working parameters
- High-precision clock with separate display windows
- Adjustable lighting and display brightness
- Set temperature retained in memory
- Power-off memory with self-start when power returns

Heating

- Fast heating element
- Ambient temperature sensing for more accurate measurement
- Triple overheat protection

Optional Accessories

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