Tissue Flotation Water Bath, 2.3 L Dish, 0-99°C ±1°C, Adjustable LED Light, Touch Control

Model **MSTSB-1SWISS** | Brand **Master Science**







The Tissue Flotation Water Bath floats and flattens paraffin sections before they are picked up on slides. Its separate 2.3 L dish (247 × 182 × 55 mm) has high thermal conductivity, heats quickly and lifts out for easy water changes and cleaning.

KEY HIGHLIGHTS

- Accurate Section Temperature
- Easy Cleaning
- Clear View of Sections
- Cleaner Water Surface

AT A GLANCE

0-99°C
TEMPERATURE RANGE

2.3 L
WATER DISH CAPACITY

A sensor in the dish with PID control holds ±1°C.
WATER TEMPERATURE DRIFTS FROM THE SET POINT

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

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Overview

An independent high-precision sensor in the dish reads the water temperature directly, and intelligent PID control holds 0-99°C within ±1°C. The Tissue Flotation Water Bath adds triple temperature protection, a universal-angle lamp with five brightness levels, a water divider for partitioning the dish and a surface debris cleaning function, all run from a touch interface.

Melt embedding wax with our Paraffin Wax Dispenser, a companion to the Tissue Flotation Water Bath in the histology lab.

Basic water baths make section flotation harder in the ways below. The Tissue Flotation Water Bath solves each one.

Overview

- Separate 2.3 L dish, 247 × 182 × 55 mm
- High thermal conductivity for fast heating
- Configurable water divider for partitioning
- Surface debris cleaning function

Key Benefits

Accurate Section Temperature
The sensor sits in the dish itself, so the water temperature is controlled directly.

Easy Cleaning
The removable dish makes water changes quick.

Clear View of Sections
A universal-angle lamp with five brightness levels lights the water surface.

Cleaner Water Surface
The divider and debris cleaning function remove floating fragments.

Technical Specifications

UNDEFINED

Brand	Master Science
Model Number	MSTSB-1SWISS
SKU	MSTSB-1SWISS
Water Dish Size	247 × 182 × 55 mm
Water Dish Capacity	**2.3 L**
Temperature Range	**0-99°C**
Temperature Control Precision	±1°C
Temperature Control	Intelligent PID with independent sensor in the dish
Protection	Triple temperature control protection
Lighting	Universal-angle lamp, brightness 0-5 levels
Interface	Touch panel
Dish Design	Separate, removable
Other Functions	Free water-area division; surface debris cleaning
Power Supply	AC 110-120 V / 220-240 V, 50/60 Hz
Power	900 W
Fuse	F6A L 250 V / F12A L 125 V
Electrical Safety Class	I
Ambient Conditions	5-45°C, humidity ≤ 80%, 700-1060 hPa
External Dimensions	330 × 375 × 130 mm
Net Weight	5 kg

PROBLEMS THE TISSUE FLOTATION WATER BATH SOLVES

Water temperature drifts from the set point	A sensor in the dish with PID control holds ±1°C.
Hard-to-clean fixed tanks	The dish lifts out for cleaning.
Poor visibility of thin sections	The adjustable lamp lights the water surface.
Debris spoiling sections	The divider and debris cleaning function keep the surface clear.

Applications

Floating and flattening paraffin sections after microtomy

Picking up sections onto glass slides

Routine histopathology section preparation

Teaching and research histology labs

Temperature Control

- 0-99°C range, ±1°C precision
- Intelligent PID control
- Independent high-precision sensor in the dish
- Triple temperature protection

Operation

- Touch interface
- Universal-angle lamp with 0-5 brightness levels
- 900 W heating

Standard Accessories Included

- Tissue flotation water bath main unit with removable water dish

Optional Accessories

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