

TISSUE FLOTATION BATH



Tissue Flotation Bath

A Tissue Flotation Bath is used to flatten thin paraffin sections on warm water before the sections are lifted onto microscope slides. This step helps reduce wrinkles, improves section spreading, and supports cleaner slide preparation before drying, baking, staining, and microscopic examination. Across the ToronTFB™ lineup, the series also includes models that combine flotation with baking or slide drying, giving laboratories more flexibility in how they organize post-sectioning workflow.

ToronTFB™'s Tissue Flotation Bath series is built for routine histology, pathology, teaching, and research use. The range includes compact water baths, advanced illuminated flotation baths, simple slide warmers, and integrated 2-in-1 or 3-in-1 flotation, baking, and drying processors. The lineup is designed around stable temperature control, fast heating, compact bench use, and straightforward daily operation.

Depending on the model, the series can offer LCD or touchscreen control, automatic temperature memory, restart recovery, LED lighting, transparent bath viewing, laser or infrared-based temperature sensing, independent heating zones, and slide drying capacity for higher-throughput labs. That makes the series suitable for both simple bench workflows and more integrated slide-preparation setups.

Product Line Up

- Basic Tissue Flotation Bath (Water Bath) – ToronTFB™ 100 is the compact entry model for routine section floating. It provides adjustable temperature up to 100°C, LCD temperature display, automatic temperature memory, and a 2.5 L bath for everyday histology slide preparation.
- Advanced Tissue Flotation Bath (Water Bath) – ToronTFB™ 180 adds a more modern visual and control package. It includes touchscreen control, automatic memory, programmable startup and shutdown, LED lighting, a transparent bath view, borosilicate tempered glass, and laser-sensor temperature control.
- Simple Tissue Flotation Processor (Slide Warmer) – ToronTFB™ 200 is designed as a compact slide warmer for mounted sections after flotation. It supports up to 40 microscope slides and fits laboratories that need a straightforward drying and warming platform with touchscreen control and programmable timing.

- Durable Tissue Flotation Processor (Slide Warmer) – ToronTFB™ 260 is a higher-capacity warming version with room for up to 80 microscope slides. It is intended for labs that want a compact but more productive drying station with stable heating, touchscreen control, and automatic memory.
- Low Voltage Tissue Flotation Bath and Baking Processor (2 in 1) – ToronTFB™ 300 combines section floating and slide baking in one unit. It uses independent heating control, touchscreen operation, automatic temperature memory, LED low-voltage lighting, and infrared-based temperature sensing, with drying capacity for up to 40 microscope slides.
- Automatic Tissue Flotation Bath and Baking Processor (2 in 1) – ToronTFB™ 350 integrates flotation and baking in a compact bench-top format. It is built for labs that want section spreading and baking in one station, with separate heating control, automatic temperature memory, and capacity for 48 microscope slides.
- Compact Tissue Flotation Bath and Baking Processor (2 in 1) – ToronTFB™ 370 expands the concept with flotation, baking, and drying in one workstation. It adds touchscreen information display, timing and alarm functions, a dedicated drying tank with racks, and capacity for up to 70 microscope slides.

Why Choose ToronTFB™ Series for Your Tissue Flotation Series?

Broad range for different workflows

ToronTFB™ Series covers simple warm-water section floating, advanced illuminated flotation, standalone slide warming, and integrated flotation-baking-drying systems. That makes it easier to choose a model based on workload, bench space, and workflow complexity instead of forcing one format on every lab.

Built for routine histology and pathology work

The series is consistently positioned for pathology, histology, research, and teaching environments. That makes it a practical fit for laboratories that need dependable daily section spreading and slide-preparation support.

Strong temperature control options

Across the lineup, the TFB series emphasizes adjustable thermostatic control, stable heating, automatic temperature memory, and restart recovery. Selected models also add touchscreen display, programmable startup and shutdown, laser sensing, or infrared-based sensing for improved control visibility.

Better bench efficiency

Several ToronTFB™ models combine flotation with baking or drying in the same unit. This reduces movement between separate devices, saves bench space, and helps streamline the slide-preparation process after microtomy.

Options for both low and higher throughput

The series includes compact low-capacity units and larger slide-drying models that handle 48, 70, or 80 slides depending on the version. This gives labs a more scalable way to match equipment to section volume.

Designed for durable daily use

Fast heating, compact structure, stable operation, and resistance to abrasion and corrosion. Those details matter in real lab conditions where the equipment is heated often, cleaned often, and used every day.



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

