



COMPACT TISSUE FLOTATION BATH AND BAKING PROCESSOR (2 IN 1)

Compact Tissue Flotation Bath and Baking Processor (2 in 1) - ToronTFB™ 370

Compact Tissue Flotation Bath and Baking Processor (2 in 1) ToronTFB™ 370 is a compact bench-top unit designed to combine section floating, slide baking, and slide drying in one workstation. This Tissue Flotation Bath is built for laboratories that want a more complete slide-preparation workflow after paraffin sectioning, with independently controlled flotation, baking, and drying functions.

ToronTFB™ 370 is intended for routine histology and pathology work where section spreading and slide drying must be handled efficiently on the bench. ToronTFB™ 370 is a compact, stable structure, precise temperature control, even heating, energy-saving operation, and a touchscreen interface that displays time, date, and temperature information.

This Compact Tissue Flotation Bath and Baking Processor (2 in 1) is especially useful for labs that need more drying capacity than a basic flotation-and-baking setup. This model configuration includes a dedicated drying tank with rack support and capacity for up to 70 microscope slides, making it a strong fit for steady daily slide preparation.

APPLICATIONS

Compact Tissue Flotation Bath and Baking Processor (2 in 1) - ToronTFB™ 370 Applications

- Histology and pathology laboratories: a Tissue Flotation Bath is used to flatten thin paraffin sections on warm water before the sections are transferred to microscope slides. ToronTFB™ 370 adds integrated baking and drying support, which helps keep the post-sectioning workflow more organized in pathology and histology laboratories.
- Routine slide preparation: this Compact Tissue Flotation Bath and Baking Processor (2 in 1) is well suited for daily slide preparation where paraffin sections need to be floated, mounted, and dried before staining or microscopic examination.

The combined layout reduces the need to move slides between separate flotation and drying devices.

- Research and teaching laboratories: the compact structure and direct touchscreen control also make the unit suitable for research institutes, medical colleges, and teaching environments. The ToronTFB™ 370 models are suitable for hospitals, medical colleges, health and epidemic prevention departments, and animal and plant science research institutions.



FEATURES

Compact Tissue Flotation Bath and Baking Processor (2 in 1) - ToronTFB™ 370 Key Features

- Integrated flotation, baking, and drying design: ToronTFB™ 370 combines section floating, baking, and drying in one compact unit. This helps simplify the slide-preparation workflow and reduce movement between separate devices.
- Independent heating control: the flotation, baking, and drying functions operate with separate heating control and temperature management. This allows the user to run each zone independently according to workflow needs.
- Touchscreen information display: the LCD touchscreen shows time, date, temperature, and related operating information. This gives the operator a clearer view of working conditions during routine use.
- Adjustable thermostatic temperature control: the water temperature for flotation, the baking temperature, and the drying temperature are all adjustable up to 99°C with thermostatic control. This supports flexible operation for different slide-preparation preferences.
- Automatic temperature memory: the system retains the last set temperature automatically. This makes routine startup easier and helps the workstation return to familiar working conditions.
- Restart recovery function: if the system shuts down unexpectedly, it is designed to correct errors automatically after restart. This supports more reliable day-to-day operation.
- Timing and alarm function: ToronTFB™ 370 built-in timing and alarm functions, which can help users manage heating cycles and daily workflow more effectively.
- Corrosion- and abrasion-resistant construction: special materials are used to improve resistance to abrasion and corrosion. This supports longer service life in laboratory environments where heated water and repeated cleaning are part of normal use.
- Drying rack with drainage-friendly layout: the drying area is equipped with a rack arrangement and the supplier notes that it is convenient for placing more slides. The ability to dry dyed microscopic slides, making the unit more practical for routine laboratory slide handling.

- Compact, stable bench-top format: the product is compact, light, easy to operate, and stable in performance. This makes it well suited for routine installation in pathology, histology, and teaching laboratories.

THEORY & METHOD

Theory and Method

A Compact Tissue Flotation Bath and Baking Processor (2 in 1) works by holding water at a controlled warm temperature so thin paraffin sections can relax, flatten, and spread before mounting on slides. After transfer, a baking or drying stage helps prepare the slides for later staining and microscopy by improving adhesion and removing excess moisture.

ToronTFB™ 370 follows this method by combining flotation, baking, and drying in one bench-top system. The flotation and baking functions are independently heated and independently controlled, which allows each area to maintain its own working condition without affecting the others.

The system also stores the last temperature setting and can recover after restart, which helps support more consistent daily use. A drying rack is included so dyed or prepared microscopic slides can be dried directly in the same workstation after floating and baking.

TECHNICAL SPECIFICATIONS

Compact Tissue Flotation Bath and Baking Processor (2 in 1) - ToronTFB™ 370 Technical Specification

Parameter	ToronTFB™ 370
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Product type	Compact Tissue Flotation Bath and Baking Processor (2 in 1) / Tissue Flotation Bath
Water temperature for flotation	0–99°C max, adjustable and thermostatic
Temperature for baking	0–99°C max, adjustable and thermostatic
Temperature for drying	0–99°C max, adjustable and thermostatic
Capacity of water bath	215 × 215 × 55 mm
Capacity of drying tank	235 × 195 × 75 mm, 4 drying racks
Capacity of slide baking	≤70 microscope slides
Time to reach set temperature	≤15 minutes
Voltage and power	220V / 50Hz or 110V / 60Hz
Temperature precision	±1°C
Environmental temperature	0–40°C
Dimensions	480 × 580 × 110 mm
Net weight	23 kg

Standard Accessories

- Power wire (1 pcs)
- Fuse (2 pcs)



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