TORONTECH

SIMPLE TISSUE FLOTATION PROCESSOR (SLIDE WARMER)

Simple Tissue Flotation Processor (Slide Warmer) - ToronTFB™ 200

Simple Tissue Flotation Processor (Slide Warmer) ToronTFB™ 200 is a compact bench-top unit designed for slide warming and tissue section drying in routine histology workflows. This Tissue Floatation Bath is built as a tissue baking processor and slide warmer with fast-heating materials, touch-screen control, memory functions, and corrosion-resistant construction for daily laboratory use.

This unit is a good fit for laboratories that want a simple warming platform for mounted sections after flotation and slide pickup. ToronTFB™ 200 built with quick heat-up, accurate temperature control through a laser sensor, real-time temperature display, and automatic startup or shutdown timing, which helps support a more organized slide-preparation process.

APPLICATIONS

Simple Tissue Flotation Processor (Slide Warmer) - ToronTFB™ 200 Applications

- Histology and pathology laboratories: this Simple Tissue Flotation Processor (Slide Warmer) is suitable for laboratories that prepare paraffin sections for staining and microscopy and need a dedicated warming surface for drying mounted slides. The ToronTFB™ 200 is a tissue baking processor and slide warmer, which makes it especially useful after the flotation step in routine histology and pathology work.
- Routine slide drying and warming: ToronTFB™ 200 works well in daily workflows where slides need controlled warming before staining or further processing. With capacity for up to 40 microscope slides, it suits laboratories that handle regular batches without moving to a larger integrated flotation-and-baking platform.
- Research and teaching laboratories: this Tissue Floatation Bath also fits research and teaching settings where stable slide warming and straightforward touch-screen control are important for training, sample preparation, and academic laboratory routines.

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ToronTFB™ 200 – Simple Tissue Flotation Processor

FEATURES

Simple Tissue Flotation Processor (Slide Warmer) - ToronTFB™ 200 Key Features

- Slide warming and tissue baking design: ToronTFB™ 200 is designed as a tissue baking processor and slide warmer for routine laboratory use after section pickup. It provides a dedicated warming surface for drying mounted microscope slides.
- Fast-heating construction: the unit uses advanced heating materials to support quick heat-up, good efficiency, and longer service life in routine bench work.
- Laser-sensor temperature control: a laser sensor is used for more accurate temperature control and measurement, helping maintain steady warming conditions.
- Touch-screen display: the touch screen displays the actual temperature and the preset temperature separately, along with real-time working status for easier monitoring during operation.
- Automatic memory function: the system automatically retains the set temperature after operation. This makes startup more convenient in repeated daily use.
- Programmable startup and shutdown: the unit can be set for automatic startup and shutdown timing, helping the warmer reach working condition before the lab begins routine work.
- Corrosion- and abrasion-resistant surface: a special coating material is used to improve resistance to corrosion and abrasion, supporting longer service life in laboratory environments.

THEORY & METHOD

Theory and Method

A Simple Tissue Flotation Processor (Slide Warmer) workflow does not end when the section is picked up from the water surface. After transfer to the slide, controlled warming helps dry the section and improve readiness for downstream staining and microscopy. ToronTFB™ 200 supports that stage by providing a heated slide-warming surface with adjustable temperature control.

The unit uses advanced heating materials for quick heat-up and a laser sensor for more accurate temperature measurement and control. The touch screen shows both the actual temperature and the preset temperature, while memory functions allow the unit to retain the last set temperature and support automatic startup or shutdown timing.

TECHNICAL SPECIFICATIONS

Simple Tissue Flotation Processor (Slide Warmer) - ToronTFB™ 200 Technical Specification

Parameter	ToronTFB™ 200
Product type	Simple Tissue Flotation Processor (Slide Warmer) / Tissue Floatation Bath
Slide capacity	40 microscope slides
Temperature setting range	0 to 90°C, arbitrarily adjustable
Thermostatic control accuracy	±0.5°C
Rated power	200 W
Voltage	AC 110–220 V, 50/60 Hz
Overall dimensions	400 × 390 × 120 mm

Standard Accessories

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

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