

TISSUE PROCESSOR



Tissue Processor

A Tissue Processor is used to prepare biological tissue samples before embedding and microtomy. It automates the sequence of fixation support, dehydration, clearing, and paraffin infiltration so tissue can be embedded into stable blocks for sectioning and microscopy.

ToronTP Tissue Processor systems are designed for pathology, histology, research, and teaching laboratories that need repeatable sample preparation with less manual handling. The series supports controlled timing, programmable processing steps, stable paraffin management, and practical safety features that help labs run routine tissue preparation more efficiently.

The ToronTP™ series includes both carousel-style and linear closed-system designs. This gives laboratories more flexibility when choosing a Tissue Processor based on throughput, workflow style, bench space, and program-control needs.

Product Line Up

1. Tissue Processor Linear Closed Type

Tissue Processor Linear Closed Type - ToronTP™ 1500 is a bench-top linear closed processor designed for complete automatic tissue processing through the final paraffin stage. It uses 14 stations, including 10 reagent cylinders and 4 paraffin cylinders, and supports two baskets running at the same time with separate programmable control.

This model is a strong fit for laboratories that want a compact closed system with reduced evaporation, dry-heated paraffin cylinders, programmable timing, and dual-basket workflow support. It is well suited for pathology labs, teaching environments, and research institutes that need stable routine processing in a smaller bench-top format.

2. Tissue Processor Carousel Type

Tissue Processor Carousel Type - ToronTP™ 2300 is an automatic carousel-type system designed for tissue fixation, dehydration, clearing, and wax infiltration. It uses a 12-station layout and supports flexible programming, optional vacuum

operation, optional hood and fume exhaust configuration, and optional dual-basket loading for higher cassette capacity.

This model is better suited for laboratories that want a more configurable Tissue Processor with carousel movement, larger loading flexibility, and optional workflow upgrades for fume control and vacuum-assisted processing.

Why Choose ToronTP™ Series for Your Tissue Processor?

Practical options for different lab workflows

ToronTP™ series gives laboratories more than one way to build a tissue-processing workflow. Some labs prefer a compact linear closed design with dual-basket parallel processing, while others need a carousel-based Tissue Processor with optional vacuum and higher loading flexibility.

Designed for routine pathology and histology work

The series is suited for hospital pathology departments, medical colleges, research institutes, and other labs that process tissue samples on a routine basis. These systems are built around the real needs of tissue preparation before embedding and sectioning.

Better control over processing steps

ToronTP™ models support programmable station timing, delayed start, selectable programs, and temperature-controlled paraffin stages. This helps users adapt each Tissue Processor to different tissue types, operating schedules, and laboratory preferences.

Features that support stable daily operation

The series includes useful operating features such as touchscreen control, automatic locating and memory functions, alarm protection, program storage, and workflow recovery after interruption. These details help reduce manual oversight and support more consistent routine processing.

Scalable capacity and configuration

ToronTP™ series gives labs room to choose based on sample volume and workflow complexity. A compact closed processor may be enough for some labs, while others may benefit from carousel loading, optional vacuum, optional hood systems, or expanded basket capacity.

Strong fit for growing laboratories

For labs building or upgrading a histology workflow, the ToronTP™ series offers a practical path from compact automatic processing to more flexible higher-capacity tissue preparation. That makes the series a solid choice for laboratories that want dependable automation without unnecessary complexity.



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