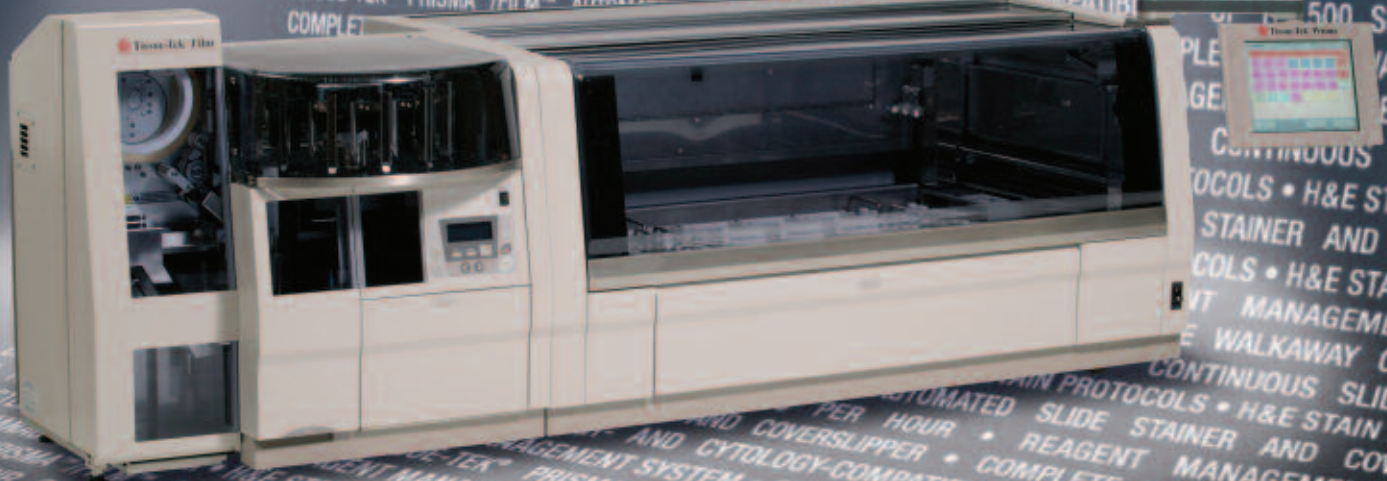


# Discover the ultimate workstation



SAKURA

**Tissue-Tek® Prisma™ / Film™**

Automated Slide Stainer and Coverslipper



# Unique convenience in a flexible platform

## Delivering versatility and quality on demand

Every day, histotechnologists are challenged to complete slide preparation in record time with assured accuracy and consistency. Now, the Tissue-Tek® Prisma™ Automated Slide Stainer and the Tissue-Tek® Film™ Automated Coverslipper help meet the constant demand for greater speed and uniformity . . . with the convenience and flexibility essential to the practice of histology.

The Tissue-Tek® Prisma™/Film™ has been designed to deliver a new approach to staining and coverslipping, uniting what were once two separate instruments into one complete system. Featuring mechanically advanced robotic automation, this innovative platform offers a combination of continuous loading, versatility, and high-throughput staining and coverslipping now in one system. Users can perform H&E staining and coverslipping of up to 500 slides per hour. This efficiency is supported by a range of capabilities, such as programming simultaneous runs of H&E and special stain protocols. After staining, each slide receives a precisely measured coverslip that protects specimens and offers clear visibility for slide review. With the Tissue-Tek® Prisma™/Film™, you can now be confident that results are optimized for the practice of pathology.

## Tissue-Tek® Prisma™ Automated Slide Stainer and Tissue-Tek® Film™ Automated Coverslipper

- Integrated system delivers continuous staining and coverslipping for walkaway efficiency
- Automatic link system eliminates the need for manual transfer of slides from stainer to coverslipper
- Reagent reservoir configurations allow concurrent runs: H&E and special stains, PAP, and non-gyn
- Both instruments offer load-and-go start options
- Instruments can be operated independently

## Accommodating a variety of staining protocols

The Tissue-Tek® Prisma™ Automated Slide Stainer and Tissue-Tek® Film™ Automated Coverslipper perform above and beyond the call of histology to fulfill the specialized needs of cytologists.

Regardless of the protocol used, the Tissue-Tek® Prisma™/Film™ offers reproducible, uniform staining guaranteed to avoid the slide-to-slide variability often seen with less advanced staining methods. Users can perform multiple stain runs concurrently—running H&E *and* special stains, or PAP *and* non-gyn. And because the Tissue-Tek® Prisma™/Film™ is designed for continuous loading, you'll receive slides faster than ever.

Unmatched quality . . . increased efficiency . . . total convenience. Now, you can experience all these benefits and achieve streamlined workflow with maximum laboratory productivity.



 **Tissue-Tek® Prisma™/Film™**  
Automated Slide Stainer and Coverslipper



# Details make the difference

Adhesive-coated Tissue-Tek® coverslipping film is activated by solvent, creating a secure bond with slide

Coverslipped slides are easily accessed in a removable carousel that accommodates 12 slide baskets

Three-tiered hydraulic cover provides quick access to the entire staining platform and soft closure for greater safety

Removable flash card memory permits long-term storage of all user-defined data

Color touch-sensitive menu screens provide instant visual tracking of staining runs

Intuitive software enables rapid, easy scheduling of staining runs, eliminating workflow bottlenecks

Robotic technology moves slide baskets efficiently from station to station

Two drying stations eliminate the need for offline slide drying in countertop ovens

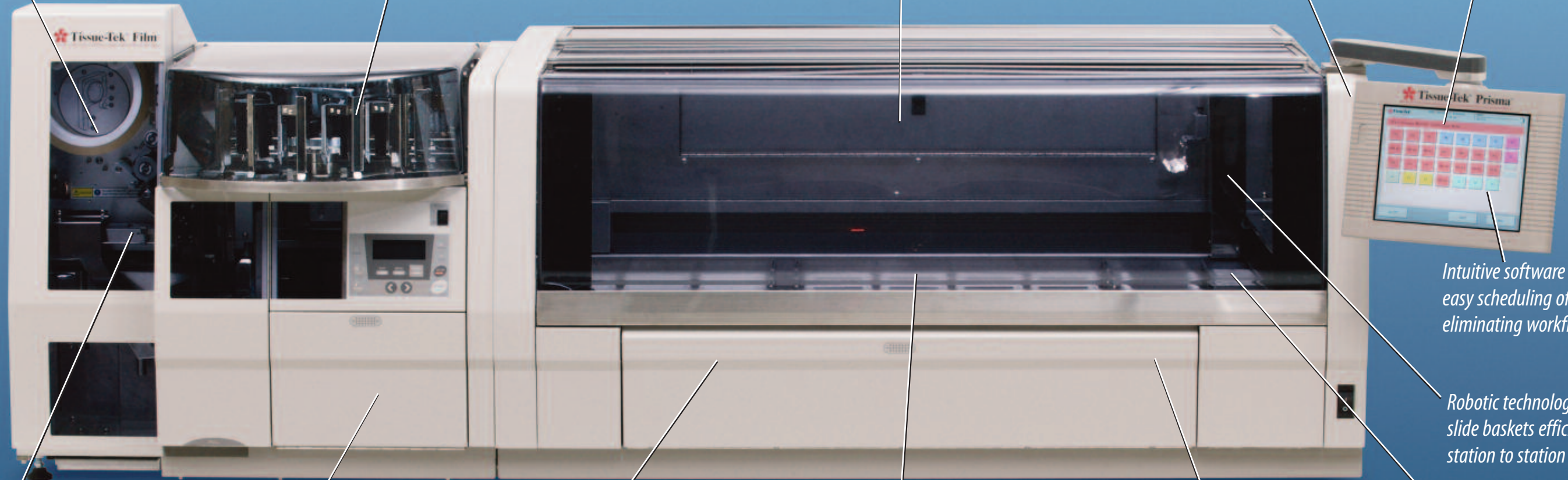
The Tissue-Tek® Film™ precisely dispenses solvent, ensuring adequate coverage for the length of the slide

Holding area keeps slides immersed in solvent while enabling robotic transfer of slides from stainer to coverslipper

The Tissue-Tek® Prisma™ supports up to 5 unload stations

Standard and expanded reservoirs allow scheduling of simultaneous runs of H&E and special stains, or PAPs and non-gyns

Continually load up to 60 slides per run; use up to 3 loading stations





# One, two, three... it's that simple

Today, the Tissue-Tek® Prisma™ Automated Slide Stainer and Tissue-Tek® Film™ Automated Coverslipper offer the most advanced technology available to make staining and coverslipping as effortless and efficient as possible through its load-and-go design. This design ensures that the Tissue-Tek® Prisma™ is ready for operation at all times.

The Tissue-Tek® Prisma™ allows users to define up to 3 stations for loading to maximize slide input. What's more, not only does the Tissue-Tek® Prisma™ offer staining for routine H&E techniques, but, as an option, it's also capable of running a variety of special stain protocols *simultaneously*.

The Prisma™ enhances this ability with superior speed. Up to 60 slides at a time can be loaded continuously to provide an uninterrupted flow of slides... meeting the demands of even your busiest days. Sophisticated robotics spare no time in transferring slides between stations; smart software schedules runs efficiently to ensure nonstop, rapid staining of all runs.

## 1 Convenient trays facilitate easy loading of stains

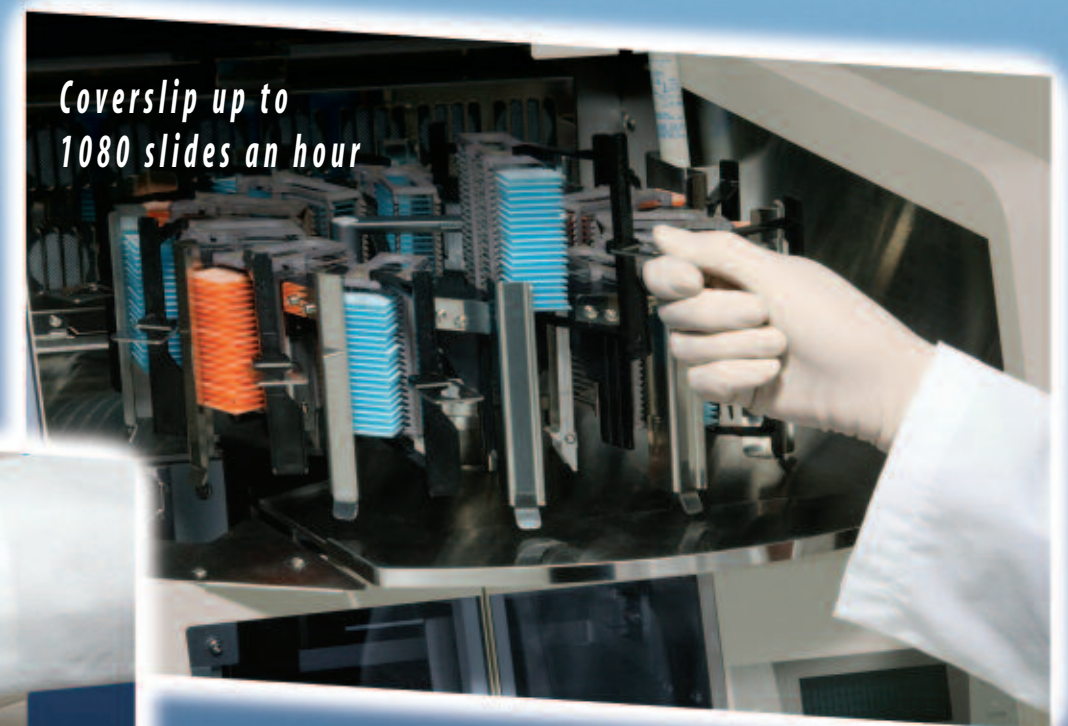


Automatic coverslipping in the Tissue-Tek® Film™ transforms this system into a true multitasking performer. Slides are immersed in solvent to minimize drying and ensure an instant, secure bond when Tissue-Tek® coverslipping film is applied. After coverslipping, slides are held in a carousel with a full capacity of 240 slides. Retrieving slides is simple: users just remove each basket randomly. The carousel sensors identify all empty and full positions, automatically rotating to the next open space for true walkaway operation.

## 2 Rapid loading in the Tissue-Tek® Prisma™



## 3 Convenient unloading of coverslipped slides



Labs can achieve excellent labor savings and productivity when these two instruments are paired to create one integrated workstation. The Tissue-Tek® Prisma™ and the Tissue-Tek® Film™ ensure efficient slide transfer between the two instruments. Minimal hands-on operation is necessary since slides are automatically moved to the coverslipper through precision robotic engineering.

The Tissue-Tek® Prisma™/Film™ offers reliability you can count on... now, staining and coverslipping are as easy as 1-2-3!



**Tissue-Tek® Prisma™ / Film™**

Automated Slide Stainer and Coverslipper



# Diverse configurations equal total versatility



The Tissue-Tek® Prisma™ offers flexible configurations of reservoirs to accommodate protocols, from H&E and special stains to PAP and non-gyn methods.

## Automate standard and special stain methods

The Tissue-Tek® Prisma™ Automated Slide Stainer offers the unique ability to process H&E stains and special stains, as an option, at the same time. By allowing concurrent runs of routine and special stain techniques, this instrument enables histology labs to easily automate a wide range of stain processes for consistent results with uncompromised quality.

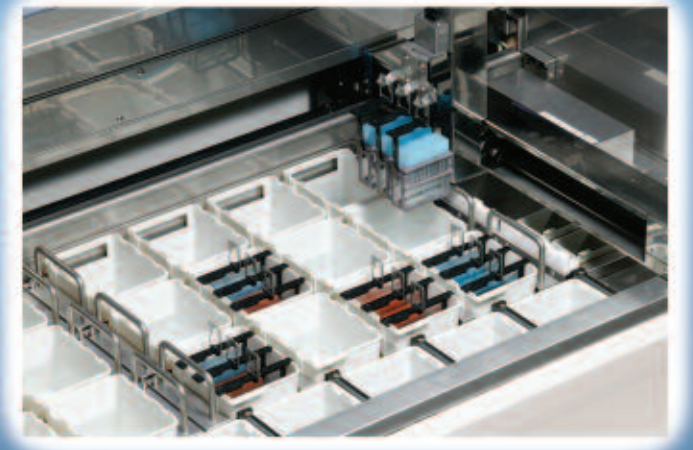
Users can position special stain reservoirs with H&E stain reservoirs for continuous slide runs of different stain techniques without any delays. Reagent use is optimized through the availability of various slide capacity reservoirs. And convenient transfer trays make reagent replacement and disposal a cinch.

Whether it's flexibility or speed you desire, the Tissue-Tek® Prisma™ will meet your expectations with both benefits... and much more.

Tissue-Tek® Prisma™ reservoirs are contained in portable trays for easy refilling and cleaning.

## Flex your staining power

- Standard and expanded reservoirs ensure compatibility with each lab's changing daily workflow
  - Up to 60 slides continuously loaded, large reservoirs
  - Up to 20 slides continuously loaded, small reservoirs
  - Up to 10 slides continuously loaded, special stain reservoirs
- Adjustable configurations allow concurrent runs of different protocols
  - H&E + special stains
  - PAP + non-gyn
  - H&E + PAP/non-gyn
- Reservoirs may be configured to adapt to changing slide volumes
- 2 drying stations for optimized throughput;  
2 optional heating stations for special stain methods



Tissue-Tek® Prisma™ software efficiently schedules robotic arm movement of all current runs.

## Standardization in every run

- Tissue-Tek® Prisma™ wash stations are replenished after basket removal to maintain staining integrity
- Automated reagent management system alerts operator when reagent rotation is required
- Software provides precise staining control through programmable features
  - Exact timing for critical staining steps
  - Staining mix speed and slide agitation
  - Enhanced wash for thorough rinsing
- Real-time process updates, including predicted end times for all runs



Tissue-Tek® Prisma™ menu screens provide quick reference of staining runs in progress.

 **Tissue-Tek® Prisma™ / Film™**  
Automated Slide Stainer and Coverslipper



# The solution is at your fingertips

## Make the connection to new productivity

The Tissue-Tek® Prisma™ Automated Slide Stainer and Tissue-Tek® Film™ Automated Coverslipper system stands apart thanks to its ability to handle two distinctly different duties through one linked system. User-friendly software in each instrument streamlines workflow because operators can fully control system components. Robotics in both platforms offer the latest advances in motion technology, ensuring that slide runs are optimized for high throughput plus a fast, smooth transition from stainer to coverslipper...all without any delay between functions.



Tissue-Tek® Prisma™ software facilitates the instrument's robotic link compatibility with the Tissue-Tek® Film™.

## Cover your slides with efficiency

- Unloading carousel holds up to 240 slides for true walkaway efficiency
- Coverslipping capacity of up to 1080 slides per hour with consistent clarity and quality
- Stained slides can be loaded independently of robotic link between the Tissue-Tek® Prisma™ and the Tissue-Tek® Film™
- Computer-controlled solvent-dispensed technique ensures even and complete activation of the precoated adhesive
- Four different coverslip lengths available for a variety of applications
  - 45 mm    –55 mm
  - 50 mm    –60 mm
- Fully integrated fume-control system

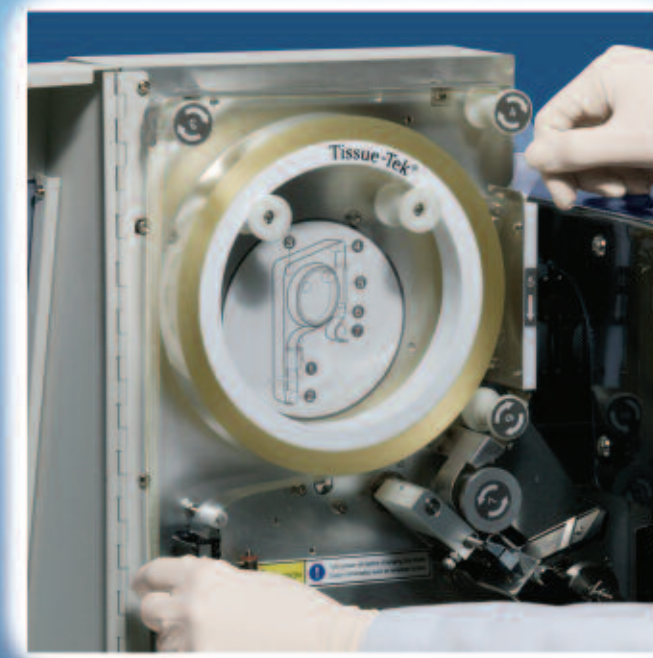
## The result is crystal clear

The Tissue-Tek® Film™ Automated Coverslipper mimics manual coverslipping through a unique process. Beginning at one end of each slide, the Tissue-Tek® Film™ dispenses solvent, coating the slide with the reagent as it applies coverslipping film to ensure coverage for the length of the slide.

Cleverly designed features in this system alert the operator when solvent or film levels are low. Plus, built-in safeguards ensure that all runs currently in progress are completed before reagent or film supplies are depleted.

The Tissue-Tek® Film™ Automated Coverslipper represents the next level of reliability and maintenance-free operation—featuring the latest technology to minimize coverslipping issues. Adhesive-backed film is activated by solvent to provide the perfect complement for final slide preparation. A precisely measured coverslip and just the right amount of solvent are applied to each slide to produce virtually flawless slides for review.

Whether this system is operated with the Tissue-Tek® Prisma™ or on its own, the Tissue-Tek® Film™ provides full coverslipping convenience, with confidence to spare.



The Tissue-Tek® Film™ uses a flexible film to provide smooth coverslipping results.



 **Tissue-Tek® Prisma™ / Film™**  
Automated Slide Stainer and Coverslipper



# Adaptability and quality in every slide



**Tissue-Tek® Film™**  
**Automated Coverslipper—#4740**  
**Tissue-Tek® Coverslipping Film—#4770**  
**Tissue-Tek® Film™ Link System—#6134**



**Tissue-Tek® Prisma™ Automated Slide Stainer—#6130**  
**Tissue-Tek® Prisma™ with Special Stains—#6131**



**Standard Solution Reservoir,**  
**680 mL—#6147**



**Small Solution Reservoir,**  
**260 mL—#6145**



**Special Stain Reservoir,**  
**160 mL—#6140**



**20-slide basket—#4768**  
**20-slide basket adapter—#6136**



**10-slide basket—#6317**  
**10-slide basket adapter—#6138**

Sakura offers a comprehensive selection of both routine and special stains conveniently packaged for the Tissue-Tek® Prisma™ Automated Slide Stainer. The special stain methods have been adapted to work with Tissue-Tek® Prisma™ automation.



**Trusted Innovation™**

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