

Histology and Cytology  
Product Catalog 2023



continuous innovation for pathology



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# Welcome to Catalog 2023

Welcome to the Sakura Finetek USA product catalog for 2023.

As we enter into new phases of the COVID pandemic, which saw elevated levels of patient care, Sakura Finetek remains focused to supplying our customers and their patients with the products and services to the levels of unsurpassed quality and customer care they have been accustomed to over the past 35 years.

Our organization has managed several challenges in the ensuing global supply chain disruption and minimized the impact to our customers, as we continue to seek alternative ways to bring our products to them. Furthermore, we are excited to support our innovative technologies through our SMART Automation product line to help with the shortage in manpower resources that many of our laboratory customers are experiencing.

We value your business, and your confidence and trust in our organization's teams, products and services.

At Sakura Finetek, we are committed to advancing cancer diagnostics by providing integrated solutions for anatomic pathology and patients through best-in-class innovation, quality and customer care

Kam Patel  
President

## Global mission statement

"Continuous Innovation For Pathology" by providing integrated solutions for anatomic pathology and patients through best-in-class innovation, quality, and customer care.





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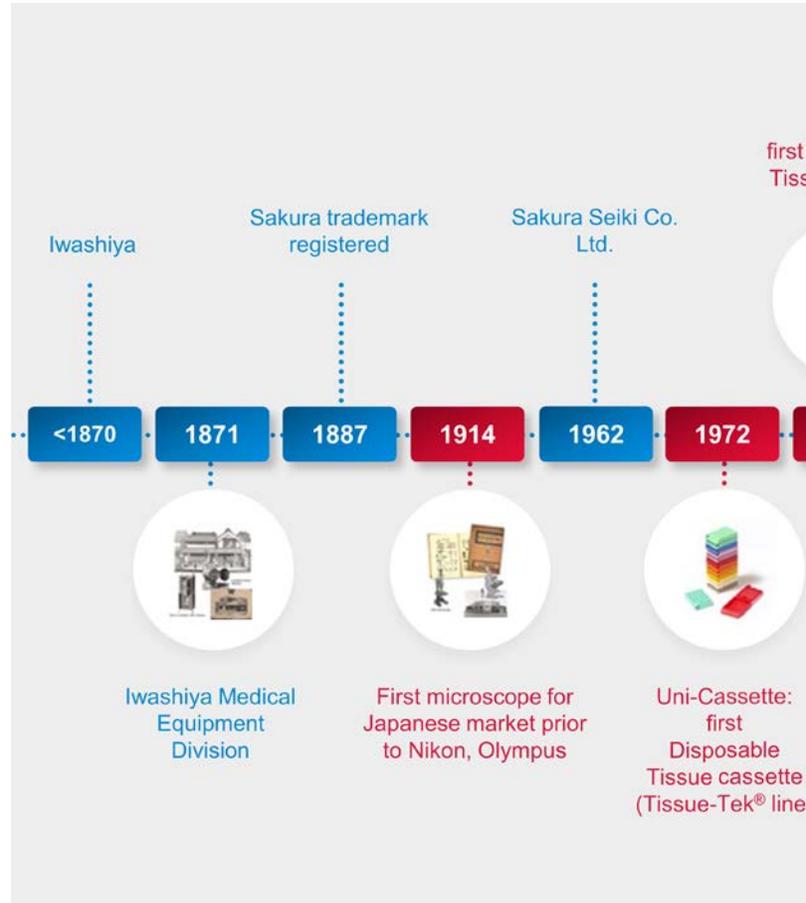
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# Sakura Finetek history

The history of Sakura Finetek goes back to 1871, the early Meiji era in Japan. Prior to 1870, the company was called Iwashiya, and it manufactured and sold pharmaceuticals throughout Japan. The medical equipment division of Iwashiya was formed in 1871, and by 1887, the trademark Sakura (literally, “cherry blossom”) was registered. Since then, the company has been manufacturing a variety of medical equipment including the first Japanese microscope. In 1962, the company name was changed to Sakura Finetechnical Company, Ltd.

Sakura Finetek USA, Inc. was established in the United States in 1986. The company acquired the histology and cytology product lines of Miles, Inc. in 1994. And by 1998, construction of its state-of-the-art research and manufacturing center was added in Torrance, California. In 2015, Sakura Finetek acquired Genemed Biotechnologies (previously Zymed) in South San Francisco as the core of its Advanced Staining business. Genemed manufactures antibodies, probes, detection systems, reagents for immunohistochemistry and in-situ hybridization diagnostic tests. Genemed is an FDA Registered manufacturing facility and is an ISO 13485 certified manufacturer and supplier. The tradition of Sakura Finetek Tissue-Tek® excellence continues - highest quality products at a reasonable price. A name that stands for nothing less than the best in histopathology and cytology. The name that appears on more products, in more pathology laboratories, worldwide.

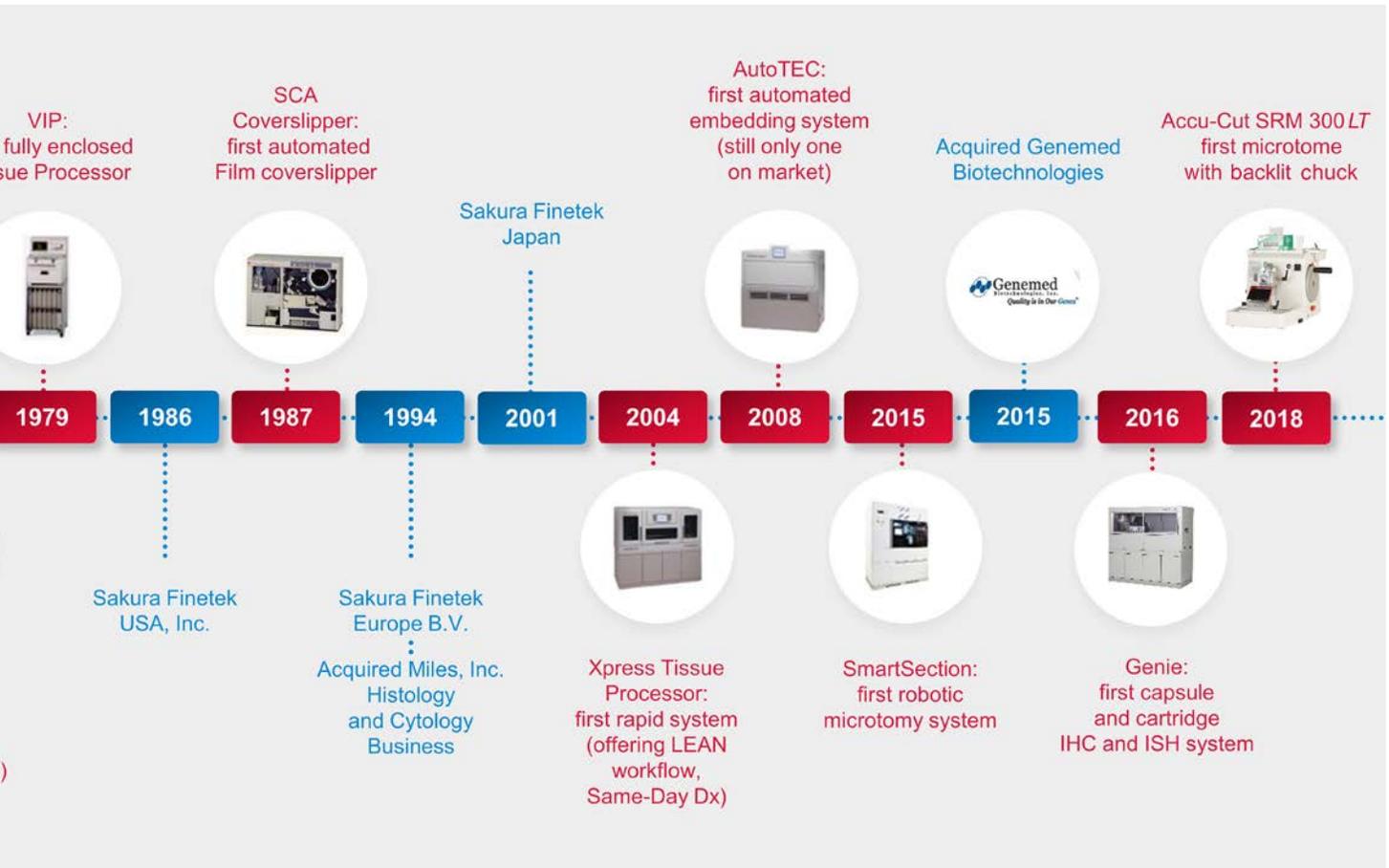
Over the years several product lines have grown the portfolio in histology, cytology, and advanced staining. Several product families have changed how laboratories are working and achieving better and faster results today supporting the standardization in pathology: Tissue-Tek VIP®, Tissue-Tek Xpress®, Tissue-Tek AutoTEC®, Tissue-Tek® Cryo<sub>3</sub>®, Tissue-Tek Prisma®, and



Tissue-Tek Film®, Tissue-Tek® Accu-Edge® Blade Systems, Accu-Cut® Microtomes, Tissue-Tek® Paraform® Sectioning System, Tissue-Tek® Uni-Cassette® and most recently the Tissue-Tek Genie® Advanced Staining System.

These innovative products dramatically reduce specimen turnaround times while providing unparalleled quality.

Expect more exciting products from Sakura Finetek for many years to come.



# Sakura Finetek continuing education



continuous innovation for pathology

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news products solutions customer experience education customer support about us

About our educational program

Sakura Training

Upcoming webinars

Webinar archive

Publications

Histologic

## Education

Sakura Finetek is committed to support the community by providing education in histopathology that spans from webinars to in-house workshops and customer training programs.

▶ READ MORE



## Sakura Finetek Webinar Series

Sakura Finetek USA, Inc. is proud to offer FREE webinars to the histology community. Many of today's hot topics will be discussed and presented by fellow histology colleagues with firsthand experience and expertise in their fields.

Webinars are one hour in duration, and time is allotted for questions at the end. One CEU credit will be issued to each registered attendee at the conclusion of every presentation. Sakura Finetek is also a registered educational provider for the Florida Board of Clinical Laboratory Personnel through CE Broker®. Space is limited, so please sign up early to ensure your registration. Multiple people can participate from one location. All participants must register to receive CEU credit.

To register for Sakura Finetek webinars please follow the steps below:

1. Visit [www.sakuraus.com](http://www.sakuraus.com) to register one person or the entire lab.
2. Click the "Register/Sign in" link to register for or log in to MySakura.
3. Once logged in, click on the "Education" link and select "Upcoming webinars."
4. Locate the desired webinar and click "I want to participate."
5. Complete the registration form. One week before each webinar, an email containing all log-in information is sent to registrants.
6. Participants can listen through computer speakers if a phone is unavailable.

## Webinar archive

To continue to learn from experts in the field of histology, it is now possible to access the Sakura Finetek Webinar Archive to revisit webinars or view webinars that were missed. In addition, webinars recorded after January 2012 will include a quiz and the opportunity to earn one CEU credit provided for ASCP Certification Maintenance.

To access the Sakura Finetek Webinar Archive please follow the steps below:

1. Visit [www.sakuraus.com](http://www.sakuraus.com) to access the Webinar archive.
2. Click the "Register/Sign in" link to register for or log in to MySakura.
3. Once logged in, click on the "Education" link and select "Webinar archive" from the menu.
4. Select the webinar you would like to view.
5. After the video, click on the link to take a short quiz for CEU credit.

# Sakura Finetek conferences and scientific meetings

## Come visit us in 2023

### January 2023

University of Miami Annual Pathology Conference  
Miami Beach, FL

### March 11 - 16

United States & Canadian Academy of Pathology  
112<sup>th</sup> Annual Meeting  
New Orleans Convention Center, New Orleans, LA

### July 27 - 30

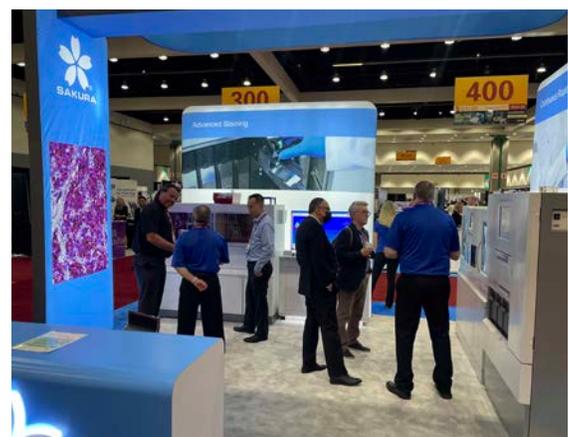
Practical Symposium  
A Cockerell Educational Foundation Event  
Park Hyatt Resort & Spa, Beaver Creek, CO

### September 8 - 12

NSH Convention  
Baltimore Convention Center, Baltimore, MD

### September 24 - 28

American Association of Pathologists' Assistants  
48th Annual Conference  
Hilton Baltimore Inner harbor, Baltimore, MD



# Sakura Finetek SMART Automation workflow



When selecting instruments for an automated workflow, productivity, standardization, and reliability are key for a stress-free and efficient working environment. Start benefiting from redesigning and automating routine manual histology processes to leverage the increased productivity of small batch, continuous flow of samples. The path to automation and optimized workflow starts in grossing by selecting the most advanced and fully customizable grossing workstation. For better productivity the identification of specimens requires a fast and versatile SmartWrite Cassette Printer. Then, place the specimens into the Tissue-Tek Paraform Sectionable Cassette System, which increases specimen safety and eliminates manual embedding steps downstream by loading them onto the Tissue-Tek AutoTEC a120.

In parallel, boost TAT in tissue processing with small, continuous batches of specimens in less than 1 hour for nearly all specimens using the Tissue-Tek Xpress x120. With perfectly prepared blocks free of residual paraffin, cut consistent sections and preserve valuable tissue by using the Tissue-Tek AutoSection, the only microtome that features a Paraform preset for safe and automated trimming. After quickly printing slides on the SmartWrite Slide Printer in up to 8 colors, reduce both the staining and drying time by utilizing the fastest integrated stainer-coverslipper system on the market: The Tissue-Tek Prisma Plus linked to a Tissue-Tek Film Coverslipper. Partner with Sakura Finetek for advanced automation.

# Continuous workflow

## Same-day diagnosis



## Standardized

## Proven reliability

# Sakura Finetek Conventional workflow



When selecting instruments for a conventional workflow, ease of use and reliability enables a stress-free and productive working environment. This starts in the grossing area choosing a customizable grossing workstation with a comprehensive suite of features. The specimens are placed into one of the Uni-Cassette Systems relying on the unique feature that prevents the premature separation of lid and base during processing. For better productivity, the identification of specimens requires a fast and versatile SmartWrite Cassette Printer. At this point, start benefiting from replacing your existing instruments with the two workhorses, the Tissue-Tek VIP 6 AI for tissue processing of up to 300 cassettes per batch, and the robust and ergonomic Tissue-Tek TEC 6 for manual embedding.

Now, decide to reduce waiting time by printing slides with a fast SmartWrite Slide Printer in up to 8 colors, and to cut sections with the Accu-Cut SRM 300 LT Manual Microtome leveraging the innovative illumination of specimen in the blocks. Finally, choose to reduce both the staining and drying time by utilizing the fastest integrated stainer-staining system on the market: The Tissue-Tek Prisma Plus Staining System linked to a Tissue-Tek Film Coverslipper staining slides with the Tissue-Tek Prisma H&E Stain Kit #1.

**Batch workflow**

**Unchanged**



**Open platforms**

**Proven reliability**

## Sakura Finetek Service Solutions



As a valued Sakura Finetek customer, you have come to know our exceptional portfolio of histopathology instrumentation and accessories, and thus have experienced working directly with some of the most advanced and reliable instrumentation and products on the market today. However, to maintain this exceptional performance, it is essential that you protect your laboratory investment with quality service and support.

Sakura Finetek has developed several service options to meet your laboratory instrumentation needs. Each option is designed to provide you a trouble-free experience when needing routine technical support, an annual Preventative Maintenance (PM) inspection, or the occasional emergency service visit.

We pride ourselves on high-quality service and technical support that will enhance your everyday laboratory experience. A level of support that surpasses our competitors and provides the value you have come to expect as a Sakura Finetek customer.

When you need service, a full-service support network of professional and experienced application specialists and service engineers are available to assist you. Not only will our team of professionals bring a wealth of knowledge to any given support need, but you will also have the added assurance that only genuine Sakura Finetek service parts are used while addressing a service issue or performing an annual PM.

### **Standard Service Agreements include the following:**

- ✓ Unlimited emergency calls
- ✓ One (1) PM visit for every year of the agreement term
- ✓ All parts, travel and labor included for any dispatches
- ✓ Genuine Sakura Finetek service parts used for any part replacements
- ✓ Over 100 trained techs nationwide: often on-site within 24 hours
- ✓ Live tech support with incident tracking and instrument history
- ✓ All-inclusive service contract options (no hidden fees)
- ✓ Proven quality Customer Service (Service 800)

Call us for more information at 1-800-725-8723, option 2.

## Tissue-Tek® iSupport™ Service Link

To further enhance your Sakura Finetek service experience, we are proud to offer the latest in remote diagnostic and monitoring technology for your Sakura Finetek instrumentation.

Our highly efficient and secure Tissue-Tek iSupport Service Link program is available to provide the quickest response possible to your service need, thus allowing streamlined communication with our team of support professionals, resulting in greater instrument uptime.

Call us for more information at 1-800-725-8723, option 2.

The following instruments are equipped with Tissue-Tek iSupport Service Link:



**Tissue-Tek Prisma® Plus  
Automated Slide Stainer**



**Tissue-Tek® Cryo<sub>3</sub>® Flex  
Cryostat**



**Tissue-Tek VIP® 6 AI  
Vacuum Infiltration Processor**



**Tissue-Tek AutoTEC® a120  
Automated Embedding System**



**Tissue-Tek Xpress® x120  
Rapid Tissue Processor**



**Tissue-Tek Genie®  
Advanced Staining System**





# Grossing and trimming

## Grossing Stations

- Tissue-Tek® Accu-Edge® Grossing Station, Elevating
- Tissue-Tek® Accu-Edge® Grossing Station, Countertop
- Tissue-Tek® Accu-Edge® Grossing Station, Pathology Workstation
- Tissue-Tek® Accu-Edge® Grossing Stations, PathPRO™

## PAXcam™ HD Gross Imaging System

## Grossing Tools

- Tissue-Tek® Accu-Edge® Grossing Boards
- Tissue-Tek® Accu-Edge® Grossing Forks
- Tissue-Tek® Feather® F-80 mini Handle

## Grossing and Trimming

- Tissue-Tek® Accu-Edge® Trimming Knife Series
- Tissue-Tek® Accu-Edge® Dissecting Scalpel Series
- Tissue-Tek® Accu-Edge® Autopsy Knife Series
- Tissue-Tek® Accu-Edge® Replaceable Blade Scissors

## Biopsy Bags

- Tissue-Tek® Biopsy Bags
- Histo-Tek® Biopsy Bags

## Tissue Orientation Gels

- Tissue-Tek® Paraform® Tissue Orientation Gels

## Formalin Safety System

- Tissue-Tek® FormaGO®

## Tissue-Tek® Accu-Edge® Grossing Stations



0138



0110



0115



0105

### Tissue-Tek® Accu-Edge® Grossing Stations

The Tissue-Tek Accu-Edge Grossing Stations come in various configurations and sizes like the Elevating Grossing Station with or without hands-free controls, a space saving Countertop Station, or an economical Pathology Work Station.

Grossing stations are available in widths of 48 to 60 inches.

### Tissue-Tek® Accu-Edge® Grossing Station, Elevating

Constructed from high-quality 304 stainless steel, the Tissue-Tek Accu-Edge Elevating Grossing Station is a floor model that stands at counter height. The elevating grossing station has the ability to elevate from 32 to 44 inches to accommodate all lab personnel. This station is equipped with a vacuum breaker-protected water supply and ducts directly to the building ventilation system. Other standard features include ½ HP disposal, polyethylene dissecting board, magnetic instrument holder, dissecting area rinse, shelving, and a spray hose assembly.

## Tissue-Tek® Accu-Edge® Grossing Station, Countertop

The Tissue-Tek Accu-Edge Grossing Station, Countertop features enhanced grossing capabilities for limited spaces and it is ideal for smaller labs because it is built to sit on any countertop. Standard features include integral sink with mixing faucet, easily accessible control panel, ample lighting, formalin container with spigot, C-fold paper towel holder, magnetic instrument holder, and a polyethylene dissecting board.

## Tissue-Tek® Accu-Edge® Grossing Station, Pathology Workstation

The Tissue-Tek Accu-Edge Grossing Station, Pathology Workstation is a customizable and affordable workstation. It offers a comprehensive suite of standard and optional features. Standard features include a large mixing faucet, easily accessible control panel, ample lighting, formalin container with spigot, C-fold paper towel holder, magnetic instrument holder, and a polyethylene dissecting board.

## Tissue-Tek® Accu-Edge® Grossing Stations, PathPRO™

The Tissue-Tek Accu-Edge Grossing Station, PathPRO is another superior grossing station that is completely customizable. It is equipped with both downdraft and backdraft exhaust systems providing greater ventilation of the work area. The Tissue-Tek Accu-Edge Grossing Station, PathPRO is available as an adjustable or fixed height unit. The elevating grossing station, product code 0137, has the ability to elevate from 32 to 44 inches to accommodate all lab personnel.

Features	Benefits
304 stainless steel	Sturdy construction to perform routing grossing procedures
Customizable	Built to laboratory's specifications
Exhaust	Connects to buildings ventilation system to remove fumes away from the work area
Sink with mixing faucet	Large sink provides water to the grossing station, can be connected to a garbage disposal
LED light fixtures	Provides ample lighting over the work area
GFCI duplex receptacle with waterproof cover	Allows for external devices to be plugged into the grossing stations and used
Magnetic instrument holder	Holds common tools on the front of the grossing station within arm's reach of the work area

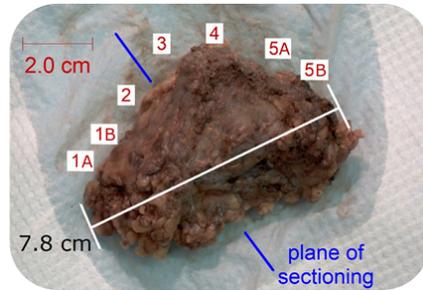
Product code	Product name and quantity
0105	Tissue-Tek® Accu-Edge® Grossing Station, Elevating with Hands-Free Controls
0106	Tissue-Tek® Accu-Edge® Grossing Station, Elevating
0107	Tissue-Tek® Accu-Edge® Grossing Station with Hands-Free Controls
0108	Tissue-Tek® Accu-Edge® Grossing Station
0110	Tissue-Tek® Accu-Edge® Grossing Station, Countertop
0115	Tissue-Tek® Accu-Edge® Grossing Station, Pathology Workstation
0120	Tissue-Tek® Accu-Edge® Base Leg Assembly (for items 0110 and 0115)
0121	Tissue-Tek® Accu-Edge® Base Leg Assembly with Cabinet (for items 0110 and 0115)
0137	Tissue-Tek® Accu-Edge® Grossing Station PathPRO™, Elevating
0138	Tissue-Tek® Accu-Edge® Grossing Station PathPRO™

Product code	Product name and quantity
0148	Tissue-Tek® Accu-Edge® Bracket, CPU
0150	Tissue-Tek® Accu-Edge® Camera Mount Facility (FO)*
0152	Tissue-Tek® Accu-Edge® Cassette Holders (FO)*
0153	Tissue-Tek® Accu-Edge® Container, Formalin
0154	Tissue-Tek® Accu-Edge® Disposal, 1/2 HP (FO)*
0156	Tissue-Tek® Accu-Edge® Disposal, 1 HP (FO)*
0159	Tissue-Tek® Accu-Edge® Dissecting Board
0162	Tissue-Tek® Accu-Edge® Exhaust Duct to Building (FO)*
0163	Tissue-Tek® Accu-Edge® Exhaust Duct, 8" diameter
0164	Tissue-Tek® Accu-Edge® Eyewash Assembly (FO)*
0169	Tissue-Tek® Accu-Edge® Filter, Activated Carbon and Potassium Permanganate
0170	Tissue-Tek® Accu-Edge® Flammable Storage Cabinet (FO)*
0172	Tissue-Tek® Accu-Edge® Formalin Dispense/Collection System (FO)*
0173	Tissue-Tek® Accu-Edge® Formalin Dispense System (FO)*
0174	Tissue-Tek® Accu-Edge® Formalin Collection System (FO)*
0175	Tissue-Tek® Accu-Edge® Forms Holder
0176	Tissue-Tek® Accu-Edge® Full Perimeter Rinse (FO)*
0177	Tissue-Tek® Accu-Edge® Glove Box Holder
0179	Tissue-Tek® Accu-Edge® Hands-Free Controls, Hot/Cold Water (FO)*
0180	Tissue-Tek® Accu-Edge® Hands-Free Controls, Disposal (FO)*
0181	Tissue-Tek® Accu-Edge® Hands-Free Controls, Dissecting Rinse (FO)*
0182	Tissue-Tek® Accu-Edge® Instrument Holder, Magnetic
0183	Tissue-Tek® Accu-Edge® LED Light, Flex Arm
0186	Tissue-Tek® Accu-Edge® Magnifier Light, Deck Mount (FO)*
0188	Tissue-Tek® Accu-Edge® Microphone on Flex Arm (FO)*
0190	Tissue-Tek® Accu-Edge® Monitor and Keyboard Stand (FO)*
0196	Tissue-Tek® Accu-Edge® Paper Towel Holder, C-Fold

Product code	Product name and quantity
0200	Tissue-Tek® Accu-Edge® Rinse, Dissecting Area (FO)*
0201	Tissue-Tek® Accu-Edge® Ruler, Removable (FO)*
0203	Tissue-Tek® Accu-Edge® Scale, Economy Grade
0204	Tissue-Tek® Accu-Edge® Scale, Digital
0205	Tissue-Tek® Accu-Edge® Seismic Anchoring Kit
0206	Tissue-Tek® Accu-Edge® Shelving/Cabinets, Stainless Steel (FO)*
0207	Tissue-Tek® Accu-Edge® Side Splashes (FO)*
0208	Tissue-Tek® Accu-Edge® Splash Shield, Plexiglas
0209	Tissue-Tek® Accu-Edge® Sink Cover, Stainless Steel
0210	Tissue-Tek® Accu-Edge® Spray Hose Assembly (FO)*
0215	Tissue-Tek® Accu-Edge® Trash Container, Ventilated (FO)*
0217	Tissue-Tek® Accu-Edge® Utility Drawer (FO)*
0219	Tissue-Tek® Accu-Edge® Valve, Air (FO)*
0220	Tissue-Tek® Accu-Edge® Valve, Gas (FO)*
0221	Tissue-Tek® Accu-Edge® Valve, Vacuum, Deck Mount (FO)*
0222	Tissue-Tek® Accu-Edge® Ventilation Assembly, Self-Contained
0223	Tissue-Tek® Accu-Edge® Valve, Vacuum, Panel Mount
0224	Tissue-Tek® Accu-Edge® Video Camera Arm
0228	Tissue-Tek® Accu-Edge® Voice-Activated Dictation
0229	Tissue-Tek® Accu-Edge® Work Area, Plexiglas
0230	Tissue-Tek® Accu-Edge® Writing Platform, Pull-Out (FO)*
0232	Tissue-Tek® Accu-Edge® X-Ray Illuminator
PI-HDG	PAXcam™ HD Gross Imaging Camera plus Software
PI-HDG-B	PAXcam™ Benchtop stand
PI-HDG-BL	PAXcam™ Back Light
PI-HDG-RL	PAXcam™ Ringlight
PI-HDG-RBL	PAXcam™ Combined Ringlight with Back Light

\*(FO) Factory Option

# PAXcam™ HD Gross Imaging System



## PAXcam™ HD Gross Imaging System

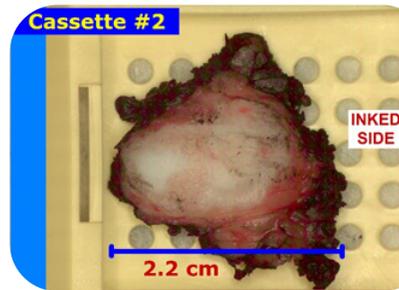
The feature-rich PAXcam HD Gross Imaging System is now distributed by Sakura Finetek USA.

The PAXcam HD Gross Imaging System is designed to provide superb images and video stream that pathologist and pathology assistants always wanted for their daily work.

The PAXcam HD camera provides a stunning HD 1080p video view in real time, and the powerful 30x zoom range accommodates a full table view, down to small fields of view within a tissue cassette. The zoom levels and other camera functions are controlled by footswitch for hands-free operation, using the ample presets provided. There is no need to touch the camera for any zooming, exposure, or focus controls.

Digital image capture of your surgical pathology specimens can be sent to external applications and/or to the PAX-it! Image Management System. Video streams can be recorded or provided real-time for remote consultations on your network or over the internet! The flexibility of the system for image capture and working with live video allows for a host of pathology lab needs to be met with one easy-to-use system.

With simple touch controls captured gross images can be marked up for measurements, sequential tagging of samples, and highlighting areas with circles, boxes, and text. Let us show you how easily these steps can be accomplished!



### Product code

### Product name and quantity

PI-HDG	PAXcam™ HD Gross Imaging Camera plus Software
PI-HDG-B	PAXcam™ Benchtop stand
PI-HDG-BL	PAXcam™ Back Light
PI-HDG-RL	PAXcam™ Ringlight
PI-HDG-RBL	PAXcam™ Combined Ringlight with Back Light

Features	Benefits
Compact	Camera can be mounted inside a grossing station, over a benchtop or above an autopsy table for quick and easy photograph
Auto focus / auto exposure	No need to handle the camera for standard functions
30x zoom	Accommodate a wide variety of specimen sizes at one working distance
Foot pedal control	<ul style="list-style-type: none"> <li>• Hands-free imaging</li> <li>• Foot pedal with presets allows camera functions (zoom level, exposure) and lighting levels to be easily switched</li> <li>• Image capture is also via footswitch</li> <li>• Foot pedal may be programmed for other functions by end user</li> </ul>
Presets	<ul style="list-style-type: none"> <li>• Camera presets allow storage of camera and light settings for a full range of specimens</li> <li>• Markup presets allow easy image annotation to decrease dictation time</li> <li>• Presets may be created and/or edited by end user</li> </ul>
PAXcamConnect™	<ul style="list-style-type: none"> <li>• Live streaming for remote consultation</li> <li>• View and oversee grossing operations from outside of the grossing area, or share views with colleagues at remote sites</li> </ul>
PAX-it!™ software	<p>Seamlessly capture images into a user-defined database archive, with touch-friendly markup tools, reporting tools, and more:</p> <ul style="list-style-type: none"> <li>• Draw lines, boxes, and circles on your image manually or with easy user-defined presets</li> <li>• Add pre-formatted text phrases to your image with one touch</li> <li>• Add a calibrated scale bar or multiple scale bars to the image</li> <li>• Draw calibrated measurement lines with immediate readout in your choice of measurement units</li> <li>• Simple tap control to drop sequential labels (A,B,C... or 1,2,3...) for serial sections or cassette designations</li> <li>• Image processing tools including HDR imaging, fusion of focal planes, stitching</li> <li>• Send marked-up images with one click to other imaging application, MS-PowerPoint, MS-Word, designated export folders, and more</li> </ul>

## Specifications

<b>Application</b>	Grossing
<b>Dimensions</b>	3.5 (W) x 3.5 (D) x 5.0 (H) inches 8.8 (W) x 8.8 (D) x 12.7 (H) cm
<b>Weight</b>	2 lbs (0.91 kg)
<b>Power requirements</b>	115/120 VAC, 50/60 Hz, 11 A
<b>Mounting</b>	Accepts ¼-20 universal mounting bolt, in grossing station or over bench top
<b>Optics</b>	30x optical zoom ratio
<b>Field of view range</b>	Dependent upon working distance, typically >18" wide to <1" wide
<b>Illumination</b>	Optional LED Ring Light illumination from above, and optional LED Back Light illumination
<b>Camera specifications</b>	1080p HD in hermetically sealed, wipeable housing
<b>Computer</b>	64bit OS with USB3 required; Microsoft® Windows® 7/8/10
<b>Certifications</b>	CE

## Tissue-Tek® Accu-Edge® Grossing Tools



### Tissue-Tek® Accu-Edge® Grossing Tools System

The Tissue-Tek Accu-Edge Grossing Tools System enables complete standardization of the grossing process.

#### Tissue-Tek® Accu-Edge® Grossing Tools offer:

- Consistent and standardized grossing ensures specimens are an exact uniform thickness throughout
- Tools are easy to clean between cases, minimizing risk of cross contamination

### Tissue-Tek® Accu-Edge® Grossing Boards

Tissue-Tek Accu-Edge Grossing Boards with adjustable wells accommodate a wide range of tissue types. The wells can be individually adjusted from 1.5 to 3.0 mm. Tissue-Tek Accu-Edge Grossing Boards can be used as a stand-alone grossing area or on your current grossing station.

With Tissue-Tek Accu-Edge Grossing Boards, you are just a few steps away from the perfect sample:

- Calibrate the well to the required depth
- Position the tissue in the well
- Hold the tissue with the tamper
- Gross at the desired thickness



4804



1455

### Tissue-Tek® Accu-Edge® Grossing Forks

Tissue-Tek Accu-Edge Grossing Forks are designed for hollow organs or specimens with layers and are available in three sizes: 1.5 mm, 2.0 mm, and 2.5 mm. Each fork has two set of tines; the distance between the tines determines the size of the fork.

Tissue-Tek Accu-Edge Grossing Forks hold the tissue in place while sliding a trimming or scalpel blade against the outer surfaces of the fork, resulting in a section of the desired thickness between the tines.

Product code	Product name and quantity
4800	Tissue-Tek® Accu-Edge® Grossing Board; 1 grossing board, 1 each 1.5, 2.0, 2.5, 3.0 mm depth gauges and 2 tissue tampers/kit
4802	Tissue-Tek® Accu-Edge® Grossing Wells; 1 grossing wells platform, 1 each 1.5, 2.0, 2.5, 3.0 mm depth gauges and 2 tissue tampers/kit
4803	Tissue-Tek® Accu-Edge® Grossing Fork, 1.5 mm; 1 each, grossing fork, 1.5 mm and cleaning brush/kit
4804	Tissue-Tek® Accu-Edge® Grossing Fork, 2.0 mm; 1 each, grossing fork, 2.0 mm and cleaning brush/kit
4807	Tissue-Tek® Accu-Edge® Grossing Fork, 2.5 mm; 1 each, grossing fork, 2.5 mm and cleaning brush/kit
4814	Tissue-Tek® Accu-Edge® Cleaning Brush; 10 brushes/box
4846	Tissue-Tek® Accu-Edge® Tamper Set; 2 tampers/box
4847	Tissue-Tek® Accu-Edge® Gauge Set; 1 each 1.5, 2.0, 2.5, 3.0 mm depth gauges/kit
4848	Tissue-Tek® Accu-Edge® Grossing Wells, Left-handed; 1 Grossing Wells Platform, 1.5, 2.0, 2.5, and 3.0 mm depth gauges and 2 tampers/kit

### Tissue-Tek® Feather® F-80 mini Handle

- An ideal trimming knife with a sharp edge for cutting tissue without causing deformation
- Smaller handle and blade size for comfortable grossing of small or delicate specimens
- The securely fitted blade can be easily attached and removed
- Compatible with Tissue-Tek® Accu-Edge® low profile microtome blades

Product code	Product name and quantity
1455	Tissue-Tek® Feather® F-80 mini Handle
Related products	
4689	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4689-50	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 1 dispenser, 50 blades/box
4980	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4980-50	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 1 dispenser, 50 blades/box
7089	Tissue-Tek® Feather® Paraform® Microtome Blades; 1 dispenser, 50 blades/box
7089-50	Tissue-Tek® Feather® Paraform® Microtome Blades; 10 dispensers, 50 blades each/case

## Tissue-Tek® Accu-Edge® Grossing and Trimming



### Tissue-Tek® Accu-Edge® Trimming Knife Series

The advanced design of the Tissue-Tek Accu-Edge Trimming Knife Series facilitates the trimming process in your lab during anatomical grossing and autopsy procedures. This knife series features two sturdy autoclavable handles designed to hold your choice of two possible blade lengths. These specially-designed handles and blades provide an extremely sharp knife for a wide variety of grossing requirements. Design enables quick, easy blade removal and replacement.

Additionally, Tissue-Tek Accu-Edge Trimming Knives are available for left- or right-hand use.

When used with the Tissue-Tek® Accu-Edge® Grossing Board, these Trimming Blades are easily inserted between two rails enabling standardized grossing at specified thicknesses.

Product Code	Product name and quantity
4785	Tissue-Tek® Accu-Edge® Trimming Blade, Short (5 inches); 50 blades/box
4786	Tissue-Tek® Accu-Edge® Trimming Handle, Short Straight
4789	Tissue-Tek® Accu-Edge® Trimming Blade, Long (10 inches); 50 blades/box
4790	Tissue-Tek® Accu-Edge® Trimming Handle, Long Straight

### Tissue-Tek® Accu-Edge® Dissecting Scalpel Series

Ideally suited for surgical specimens and postmortem duties, Tissue-Tek Accu-Edge Dissecting Scalpels are designed to be sturdy and consistent. This scalpel series features an autoclavable, chemically-resistant handle designed to hold your choice of two possible dissecting blades.

The scalpel handle and disposable blades provide you with an extremely sharp, disposable blade system. Stainless steel, disposable scalpel blades are supplied with curved (#61) or pointed (#62) tip.

The curved and pointed blades are designed 0.2 mm thicker than other brands to help resist bending while cutting. The result: improved cutting accuracy for consistent grossing.

Advanced design enables quick, easy blade removal and replacement.

When used with the Tissue-Tek® Accu-Edge® Grossing Board, these scalpels are easily inserted between two rails enabling standardized grossing at specified thicknesses.

Product code	Product name and quantity
4791	Tissue-Tek® Accu-Edge® Dissecting Scalpel Handle
4792	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #61, Curved Tip; 20 blades/case
4793	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #62, Pointed Tip; 20 blades/case

## Tissue-Tek® Accu-Edge® Grossing and Trimming



4781



4782



4783



4784



4795



4796



4797



4794

### Tissue-Tek® Accu-Edge® Autopsy Knife Series

The Tissue-Tek Accu-Edge Autopsy Knife series offers a chemically-resistant and heat-resistant resin handle that accommodates three blade sizes. Extremely sharp autopsy blades are manufactured from quality, durable stainless steel. Blades, available in three sizes, are interchangeable with the autoclavable plastic handle.

Product code	Product name and quantity
4781	Tissue-Tek® Accu-Edge® Autopsy Knife Handle
4782	Tissue-Tek® Accu-Edge® Autopsy Blade, 100 mm; 5 blades/box
4783	Tissue-Tek® Accu-Edge® Autopsy Blade, 170 mm; 5 blades/box
4784	Tissue-Tek® Accu-Edge® Brain Blade, 325 mm; 5 blades/box

### Tissue-Tek® Accu-Edge® Replaceable Blade Scissors

The Tissue-Tek Accu-Edge Replaceable Blade Scissor features three disposable, easy to replace, extremely sharp blades (sharp/sharp, sharp/blunt, and blunt/blunt) for a wide variety of grossing applications.

Product code	Product name and quantity
4794	Tissue-Tek® Accu-Edge® Replaceable Blade Scissors
4795	Tissue-Tek® Accu-Edge® Replaceable Blade, Sharp/Sharp; 5 sets of blades/box
4796	Tissue-Tek® Accu-Edge® Replaceable Blade, Sharp/Blunt; 5 sets of blades/box
4797	Tissue-Tek® Accu-Edge® Replaceable Blade, Blunt/Blunt; 5 sets of blades/box

## Tissue-Tek® Biopsy Bags



### Tissue-Tek® Biopsy Bags

Premium nylon mesh bags reduce the risk of small specimen loss during tissue processing. The design allows unrestricted fluid movement around tissue. The material and mesh size of the bags make them easy to open during grossing. Bags peel open for quick specimen removal at embedding.

- 200 x 200 microns mesh size
- Nylon material

Product code	Product name and quantity
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4223	Tissue-Tek® Biopsy Bags, Small (3 x 5 cm); 1,000 bags/box
4224	Tissue-Tek® Biopsy Bags, Medium (4.5 x 6.5 cm); 500 bags/box

## Histo-Tek® Biopsy Bags



### Histo-Tek® Biopsy Bags

Standard nylon mesh bags reduce the risk of small specimen loss during tissue processing. The design allows unrestricted fluid movement around tissue. Bags peel open for quick specimen removal at embedding.

- 150 x 225 microns mesh size
- Nylon material

Product code	Product name and quantity
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4220	Histo-Tek® Biopsy Bags, Small (3 x 5 cm); 1,000 bags/box
4221	Histo-Tek® Biopsy Bags, Medium (4.5 x 6.5 cm); 500 bags/box

# Tissue-Tek® Paraform® Tissue Orientation Gels



7043



7045



7046



7047



7048



7049

## Tissue-Tek® Paraform® Tissue Orientation Gels

The Tissue-Tek Paraform Tissue Orientation Gels are hydrogels intended to be inserted into a Tissue-Tek® Paraform® Biopsy Cassette. These innovative gels help to further extend the range of tissues that can be accommodated by the Tissue-Tek® Paraform® Sectionable Cassette System. Tissue-Tek Paraform Tissue Orientation Gels are capable of locking in and preserving the orientation of very tiny or difficult to orient tissues from grossing through to microtomy.

Features	Benefits
Flexible hydrogel material	Allows for complete and secure customization of orientation of tissues at grossing
Penetrable, aqueous gel matrix	Allows reagents to penetrate and infiltrate tissues for flexible processing using either conventional or rapid tissue processors
Allows for paraffin infiltration	Paraffin infiltration and embedding is accomplished without removing the gel
Fully sectionable	The paraffin-infiltrated gel is easily sectioned using any type of microtome blade
Resists most staining	Resistant to common histologic stains like H&E, Iron, Trichrome, and silver stains for unimpeded microscopic examination
Compatible with IHC and ISH	Tissues can be stained with advanced stains without issue
6 different gel styles	Supports a variety of tissue samples including skin shaves and other small biopsies

Product code	Product name and quantity
7043	Tissue-Tek® Paraform® Tissue Orientation Gel Strips 20.0 x 2.6 mm; 160 strips/pouch, 10 pouches/case
7045	Tissue-Tek® Paraform® Biopsy Gels; 50 gels/pouch, 10 pouches/case
7046	Tissue-Tek® Paraform® 2-Lane Gels; 50 gels/pouch, 10 pouches/case
7047	Tissue-Tek® Paraform® 1-mm Punch Gels; 50 gels/pouch, 10 pouches/case
7048	Tissue-Tek® Paraform® 2-mm Punch Gels; 50 gels/pouch, 10 pouches/case
7049	Tissue-Tek® Paraform® 3-mm Punch Gels; 50 gels/pouch, 10 pouches/case

## Tissue-Tek® FormaGO® Formalin Safety System



### Tissue-Tek® FormaGO® Formalin Safety System

The Tissue-Tek FormaGO Formalin Safety System includes products that further protect your staff and the environment from the hazardous effects of formalin. Sakura Finetek developed this new product line to improve performance, reliability, and convenience in handling formalin, with the safety of our valued customers and the environment in mind.

Product code	Product name and quantity
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9150	Tissue-Tek® FormaGO® Formalin Starter Kit; 4 pouches (9151), 25 wipes (9154), 100 pads (9155), 20 pads (9156), 10 pads (9157), 1 jar (9158), 1 empty bottle (9159)/kit
9151	Tissue-Tek® FormaGO® Formalin Neutralizer; 16 pouches, each 0.75 kg /case

Product code	Product name and quantity
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9152	Tissue-Tek® FormaGO® Formaldehyde Analysis Kit; 2 bottles Test Reagent, each 25 mL and 100 Formaldehyde Test Strips/kit
9154	Tissue-Tek® FormaGO® Formalin Absorption Wipes; 100 wipes/case
9155	Tissue-Tek® FormaGO® Formalin Pads, Small 2 x 3 inches; 1,000 pads/case
9156	Tissue-Tek® FormaGO® Formalin Pads, Medium 5.5 x 8.5 inches; 200 pads/case
9157	Tissue-Tek® FormaGO® Formalin Pads, Large 8 x 10 inches; 100 pads/case
9158	Tissue-Tek® FormaGO® Formalin Absorption Granules; 2 jars, each 900 g/case
9159	Tissue-Tek® FormaGO® Formalin Neutralizer Container; 1 bottle, 2.5 gal (9.5 L) capacity



### **Tissue-Tek® FormaGO® Formalin Neutralizer**

- Dissolves and neutralizes formalin in as little as 5 minutes
- Dissolves with less physical effort
- Each premeasured pouch neutralizes 1 gallon of 10% formalin, residual 10% formalin is below 20 ppm
- After neutralization, waste can be disposed of down the drain
- No drain clogging by-products

### **Tissue-Tek® FormaGO® Formalin Absorption Pads**

- Grossing pads with liner protect laboratory personnel by absorbing 18% more formalin during grossing
- Available in 3 sizes (small, medium, and large) to help prevent specimen cross-contamination between cases

### **Tissue-Tek® FormaGO® Formalin Absorption Wipes**

- Thicker and sturdier cloth-like wipes for better handling
- Ideal for small formalin spills to protect laboratory personnel from exposure to dangerous vapors
- Liners for shelves and ice chest, couriers, POL offices

### **Tissue-Tek® FormaGO® Formalin Absorption Granules**

- Ideal for large formalin spills, protect laboratory personnel from exposure to dangerous vapors
- 35% lighter weight provides a more convenient handling
- Innovative formulation retains the form of the granules making it easier to pick up with a broom or brush, while leaving less residue
- One jar absorbs 450-500 mL of 10% formalin

### **Tissue-Tek® FormaGO® Formaldehyde Analysis Kit**

- Used to measure the effectiveness of the neutralization of 10% formalin in parts per million (ppm)
- Provides consistent results
- Eliminates the upfront pH measurement
- Test strips measure formaldehyde only





# Cassettes

**Tissue-Tek® Uni-Cassette® System**

**Tissue-Tek® Paraform®  
Sectionable Cassette System**

**Histo-Tek® Cassette System**

**Tissue-Tek® Processing/Embedding  
Cassette System**

**Tissue-Tek® Mega-Cassette™ System**

# Tissue-Tek® Uni-Cassette® Standard Cassette System



4156-01



4118-02

## Tissue-Tek® Uni-Cassette® Standard Cassette System

The Tissue-Tek Uni-Cassette System is utilized to provide specimen identification and security from the grossing station to the paraffin block.

- Designed for maximum fluid exchange during processing
- Contains a base and attached lid, which is easily removed
- Manufactured from chemical-resistant plastic, including solvents and decalcifying solutions, Tissue-Tek Uni-Cassettes come in two sizes of writing surfaces and can be print on with the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers
- Tissue-Tek SmartWrite prints only on Tissue-Tek Uni-Cassette Standard Cassettes not the Large Writing Surface Cassettes

### Product code    Product name and quantity

4117-01	Tissue-Tek® Uni-Cassette® Orange; 500 cassettes/case
4118-01	Tissue-Tek® Uni-Cassette® Lilac; 500 cassettes/case
4119-01	Tissue-Tek® Uni-Cassette® Gold; 500 cassettes/case
4120-01	Tissue-Tek® Uni-Cassette® Aqua; 500 cassettes/case
4135-01	Tissue-Tek® Uni-Cassette® Red; 500 cassettes/case
4153-01	Tissue-Tek® Uni-Cassette® Tan; 500 cassettes/case
4154-01	Tissue-Tek® Uni-Cassette® Yellow; 500 cassettes/case
4155-01	Tissue-Tek® Uni-Cassette® Pink; 500 cassettes/case

### Product code    Product name and quantity

4156-01	Tissue-Tek® Uni-Cassette® Green; 500 cassettes/case
4157-01	Tissue-Tek® Uni-Cassette® Blue; 500 cassettes/case
4170-01	Tissue-Tek® Uni-Cassette® White; 1,500 cassettes/case
4180-01	Tissue-Tek® Uni-Cassette® Gray; 500 cassettes/case
4117-02	Tissue-Tek® Uni-Cassette® Orange; Large Writing Surface; 500 cassettes/case
4118-02	Tissue-Tek® Uni-Cassette® Lilac; Large Writing Surface; 500 cassettes/case
4119-02	Tissue-Tek® Uni-Cassette® Gold; Large Writing Surface; 500 cassettes/case
4120-02	Tissue-Tek® Uni-Cassette® Aqua; Large Writing Surface; 500 cassettes/case
4135-02	Tissue-Tek® Uni-Cassette® Red; Large Writing Surface; 500 cassettes/case
4153-02	Tissue-Tek® Uni-Cassette® Tan; Large Writing Surface; 500 cassettes/case
4154-02	Tissue-Tek® Uni-Cassette® Yellow; Large Writing Surface; 500 cassettes/case
4155-02	Tissue-Tek® Uni-Cassette® Pink; Large Writing Surface; 500 cassettes/case
4156-02	Tissue-Tek® Uni-Cassette® Green; Large Writing Surface; 500 cassettes/case
4157-02	Tissue-Tek® Uni-Cassette® Blue; Large Writing Surface; 500 cassettes/case
4170-02	Tissue-Tek® Uni-Cassette® White; Large Writing Surface; 1,500 cassettes/case
4180-02	Tissue-Tek® Uni-Cassette® Gray; Large Writing Surface; 500 cassettes/case

## Tissue-Tek® Uni-Cassette® Biopsy Cassette System



4045



4087

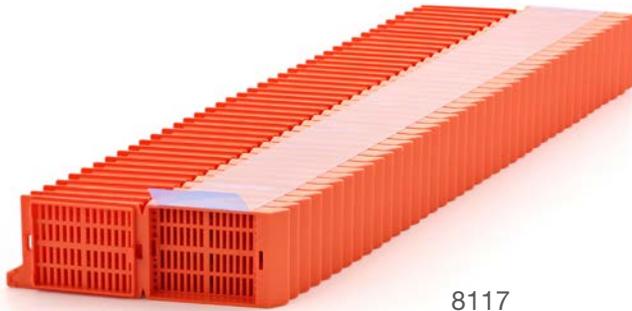
### Tissue-Tek® Uni-Cassette® Biopsy Cassette System

The Tissue-Tek Uni-Cassette Biopsy Cassette System have a snap-latch and hinge-lock cover to prevent the premature separation of lid and base during the processing of small biopsy specimens.

- Biopsy cassettes have 1 mm pores, which eliminates wrapping small specimens
- Tissue-Tek Uni-Cassettes come in two sizes of writing surfaces and can be printed on with the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

Product code	Product name and quantity
4045	Tissue-Tek® Uni-Cassette® Biopsy Red; 500 cassettes/case
4086	Tissue-Tek® Uni-Cassette® Biopsy White; 500 cassettes/case
4087	Tissue-Tek® Uni-Cassette® Biopsy Blue; 500 cassettes/case
4088	Tissue-Tek® Uni-Cassette® Biopsy Yellow; 500 cassettes/case
4090	Tissue-Tek® Uni-Cassette® Biopsy Orange; 500 cassettes/case
4172	Tissue-Tek® Uni-Cassette® Biopsy Gray; 500 cassettes/case
4174	Tissue-Tek® Uni-Cassette® Biopsy Green; 500 cassettes/case

# Tissue-Tek® Uni-Cassette® Stacked Cassettes



8117



8045

## Tissue-Tek® Uni-Cassette® Standard Stacked Cassettes

Each 400 cassettes/box consists of 10 sleeves x 40 cassettes - conveniently taped in sleeves for easy loading into Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

## Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes

Each 400 cassettes/box consists of 10 sleeves x 40 cassettes - conveniently taped in sleeves for easy loading into Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

Product code	Product name and quantity
8117	Tissue-Tek® Uni-Cassette® Stacked Cassettes Orange; 400 cassettes/box
8118	Tissue-Tek® Uni-Cassette® Stacked Cassettes Lilac; 400 cassettes/box
8119	Tissue-Tek® Uni-Cassette® Stacked Cassettes Gold; 400 cassettes/box
8120	Tissue-Tek® Uni-Cassette® Stacked Cassettes Aqua; 400 cassettes/box
8135	Tissue-Tek® Uni-Cassette® Stacked Cassettes Red; 400 cassettes/box
8153	Tissue-Tek® Uni-Cassette® Stacked Cassettes Tan; 400 cassettes/box
8154	Tissue-Tek® Uni-Cassette® Stacked Cassettes Yellow; 400 cassettes/box
8155	Tissue-Tek® Uni-Cassette® Stacked Cassettes Pink; 400 cassettes/box
8156	Tissue-Tek® Uni-Cassette® Stacked Cassettes Green; 400 cassettes/box
8157	Tissue-Tek® Uni-Cassette® Stacked Cassettes Blue; 400 cassettes/box
8170	Tissue-Tek® Uni-Cassette® Stacked Cassettes White; 400 cassettes/box
8180	Tissue-Tek® Uni-Cassette® Stacked Cassettes Gray; 400 cassettes/box

Product code	Product name and quantity
8045	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Red; 400 cassettes/box
8086	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes White; 400 cassettes/box
8087	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Blue; 400 cassettes/box
8088	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Yellow; 400 cassettes/box
8090	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Orange; 400 cassettes/box
8172	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Grey; 400 cassettes/box
8174	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Green; 400 cassettes/box

## Tissue-Tek® Paraform® Sectionable Cassette System



### Tissue-Tek® Paraform® Sectionable Cassette System

The Tissue-Tek Paraform Sectionable Cassette System is a true innovation in cassette design that eliminates the need to perform manual steps at embedding. The unique two-part system is composed of a rugged frame that is compatible with most commercially available cassette printers, and an inner cassette made of a proprietary material that has sectioning characteristics similar to paraffin. The inert cassette material also does not pick up stain or interfere with microscopic tissue examination.

### Tissue-Tek® Paraform® Cassettes

Its unique sectionability makes Tissue-Tek Paraform a significant improvement over standard cassettes. Specimen orientation is preserved from grossing through to microtomy by simply orienting the grossed specimen in 1 of 6 available cassette types: Standard, Biopsy, Orientation, Shaved Biopsy, Core Biopsy, or 13 mm x 13 mm Biopsy. These versatile cassette options allow Tissue-Tek Paraform to accommodate a variety of specimens, even those requiring special orientation (e.g. skin or tubular specimens), while eliminating the risk of orientation errors and tissue loss.

The proprietary Tissue-Tek Paraform material withstands exposure to all the volatile reagents and fixatives typically used in histology and can be processed in any tissue processor. After processing, Tissue-Tek Paraform eliminates the need to open the cassette to reorient tissue, thus simplifying embedding, increasing productivity, and preserving tissue integrity.

Although compatible with all existing laboratory methods and manual embedding processes, Tissue-Tek Paraform combined with the Tissue-Tek AutoTEC® a120 Automated Embedding System provides total automation of the embedding process for high quality, predictable results while saving time and resources.

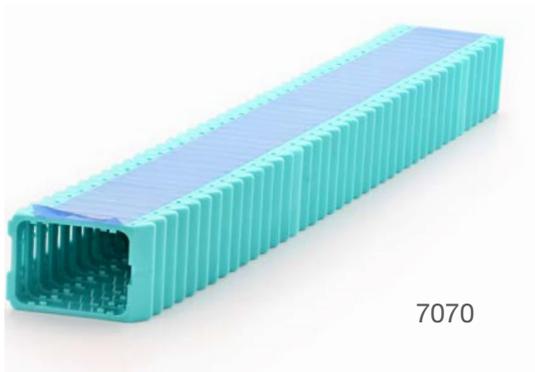
Features	Benefits
The six innovative cassette designs secure the tissue through processing and embedding	Prevents loss of tissue and misorientation during processing and embedding
The frames can be printed and barcoded at grossing, providing accurate tracking of specimens	Reduces risk of lost or mislabeled specimens through the processing and embedding process
Tissue-Tek Paraform Cassettes can be easily faced by Sakura Finetek or other manufacturers' microtome blades	Eliminates the need to change the current implemented sectioning process
The cassettes can be utilized on both conventional and rapid processors as well as manual and automated embedding systems	Minimizes changes in present implemented processing or embedding systems

Product Code	Product name and quantity
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7019	Tissue-Tek® Paraform® Biopsy Cassette, 13 mm x 13 mm; 500 cassettes/box
7020	Tissue-Tek® Paraform® Biopsy Cassette; 500 cassettes/box
7021	Tissue-Tek® Paraform® Standard Cassette; 500 cassettes/box
7022	Tissue-Tek® Paraform® Orientation Cassette; 500 cassettes/box
7023	Tissue-Tek® Paraform® Shaved Biopsy Cassette; 500 cassettes/box
7024	Tissue-Tek® Paraform® Core Biopsy Cassette; 500 cassettes/box
7026	Tissue-Tek® Paraform® Foam Insert, 21 x 14 mm; 500 inserts/pack

Product Code	Product name and quantity
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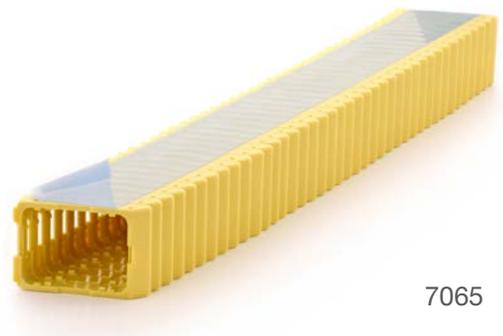
7015	Tissue-Tek® Paraform® Cassette Tamper
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3; 1 kg; 8 bags, each 1 kg/case
7055	Tissue-Tek® Paraform® Standard Base Mold, 32 mm x 28 mm; 12 base molds/pack
7056	Tissue-Tek® Paraform® Biopsy/Orientation Base Mold, 30 mm x 19 mm; 12 base molds/pack
7057	Tissue-Tek® Paraform® Biopsy Base Mold, 13 mm x 13 mm; 12 base molds/pack
7089	Tissue-Tek® Feather® Paraform® Microtome Blades; 10 dispensers, 50 blades each/case, ideal for Tissue-Tek Paraform Sectionable Cassettes
7089-50	Tissue-Tek® Feather® Paraform® Microtome Blades; 1 blade dispenser, 50 blades/box, ideal for Tissue-Tek Paraform Sectionable Cassettes
7030	Tissue-Tek® Paraform® Cassette Frames Aqua; 500 cassette frames/box
7031	Tissue-Tek® Paraform® Cassette Frames Blue; 500 cassette frames/box
7032	Tissue-Tek® Paraform® Cassette Frames Gray; 500 cassette frames/box
7033	Tissue-Tek® Paraform® Cassette Frames Gold; 500 cassette frames/box
7034	Tissue-Tek® Paraform® Cassette Frames Green; 500 cassette frames/box
7035	Tissue-Tek® Paraform® Cassette Frames Lilac; 500 cassette frames/box
7036	Tissue-Tek® Paraform® Cassette Frames Orange; 500 cassette frames/box
7037	Tissue-Tek® Paraform® Cassette Frames Pink; 500 cassette frames/box
7038	Tissue-Tek® Paraform® Cassette Frames Red; 500 cassette frames/box
7039	Tissue-Tek® Paraform® Cassette Frames Tan; 500 cassette frames/box
7040	Tissue-Tek® Paraform® Cassette Frames White; 500 cassette frames/box
7041	Tissue-Tek® Paraform® Cassette Frames Yellow; 500 cassette frames/box



7070

**Tissue-Tek® Paraform® Stacked Frames**

Each 400 frames/box consists of 10 sleeves x 40 frames - conveniently taped in sleeves for easy loading into the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.



7065

**Tissue-Tek® Paraform® LP Stacked Frames**

Each 400 frames/box consists of 10 sleeves x 40 frames. The laser-printable Tissue-Tek® Paraform® LP Stacked Frames are printable on the General Data LaserTrack™ PH1 and PH6 Laser Cassette printers.

Product code	Product name and quantity
7070	Tissue-Tek® Paraform® Stacked Frames Aqua; 400 stacked frames/box
7071	Tissue-Tek® Paraform® Stacked Frames Blue; 400 stacked frames/box
7072	Tissue-Tek® Paraform® Stacked Frames Gray; 400 stacked frames/box
7073	Tissue-Tek® Paraform® Stacked Frames Gold; 400 stacked frames/box
7074	Tissue-Tek® Paraform® Stacked Frames Green; 400 stacked frames/box
7075	Tissue-Tek® Paraform® Stacked Frames Lilac; 400 stacked frames/box
7076	Tissue-Tek® Paraform® Stacked Frames Orange; 400 stacked frames/box
7077	Tissue-Tek® Paraform® Stacked Frames Pink; 400 stacked frames/box
7078	Tissue-Tek® Paraform® Stacked Frames Red; 400 stacked frames/box
7079	Tissue-Tek® Paraform® Stacked Frames Tan; 400 stacked frames/box
7080	Tissue-Tek® Paraform® Stacked Frames White; 400 stacked frames/box
7081	Tissue-Tek® Paraform® Stacked Frames Yellow; 400 stacked frames/box

Product code	Product name and quantity
7058	Tissue-Tek® Paraform® LP Stacked Frames Orange; 400 stacked frames/box
7064	Tissue-Tek® Paraform® LP Stacked Frames White; 400 stacked frames/box
7065	Tissue-Tek® Paraform® LP Stacked Frames Yellow; 400 stacked frames/box
7067	Tissue-Tek® Paraform® LP Stacked Frames Pink; 400 stacked frames/box

# Histo-Tek®

## Standard and Biopsy Cassette System



9224



9239

### Histo-Tek® Cassettes with Lid Attached

Histo-Tek Cassettes offer your lab a secure, efficient, and economical solution for tissue processing in the form of standard and biopsy cassettes. Sure-locking lids and closure guides prevent premature separation of lid and base during processing. Plastic disposable lids, easily removable with a twist, eliminate the need for cleaning. Histo-Tek Cassettes are resistant to solvents and decalcifying solutions. For biopsy needs, Histo-Tek biopsy cassettes feature 1 mm pores instead of slots, eliminating the need to wrap most small specimens and greatly reducing the risk of specimen loss.

Product code	Product name and quantity
9220	Histo-Tek® Standard with Lid Attached Aqua; 1,000 cassettes/box
9221	Histo-Tek® Standard with Lid Attached Blue; 1,000 cassettes/box
9222	Histo-Tek® Standard with Lid Attached Gold; 1,000 cassettes/box
9223	Histo-Tek® Standard with Lid Attached Green; 1,000 cassettes/box
9224	Histo-Tek® Standard with Lid Attached Lilac; 1,000 cassettes/box

Product code	Product name and quantity
9225	Histo-Tek® Standard with Lid Attached Orange; 1,000 cassettes/box
9226	Histo-Tek® Standard with Lid Attached Pink; 1,000 cassettes/box
9227	Histo-Tek® Standard with Lid Attached Red; 1,000 cassettes/box
9228	Histo-Tek® Standard with Lid Attached Tan; 1,000 cassettes/box
9229	Histo-Tek® Standard with Lid Attached White; 1,000 cassettes/box
9230	Histo-Tek® Standard with Lid Attached Yellow; 1,000 cassettes/box
9233	Histo-Tek® Biopsy with Lid Attached Blue; 1,000 cassettes/box
9234	Histo-Tek® Biopsy with Lid Attached Gray; 1,000 cassettes/box
9235	Histo-Tek® Biopsy with Lid Attached Green; 1,000 cassettes/box
9236	Histo-Tek® Biopsy with Lid Attached Orange; 1,000 cassettes/box
9237	Histo-Tek® Biopsy with Lid Attached Red; 1,000 cassettes/box
9238	Histo-Tek® Biopsy with Lid Attached White; 1,000 cassettes/box
9239	Histo-Tek® Biopsy with Lid Attached Yellow; 1,000 cassettes/box

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# Tissue-Tek® Processing/Embedding Cassette System



4125



8125

## Tissue-Tek® Processing/Embedding Cassette System

The coverless Tissue-Tek Processing/Embedding cassettes are cassette bases without lids designed to be used with the reusable metal lids or as a support structure for the paraffin block.

- Available in 11 colors including clear
- Cassettes are designed for maximum fluid exchange during processing

## Tissue-Tek® Processing/Embedding Stacked Cassettes

Each 400/case consists of 10 sleeves x 40 cassettes conveniently taped in sleeves for easy loading into Tissue-Tek® AutoWrite® Cassette Printers only.

## Tissue-Tek® Processing/Embedding Cassette Cover

These reusable metal lids are designed to be used with the coverless Tissue-Tek Processing/Embedding Cassettes or can be used as a support structure for the paraffin block.



4182 + 4194



4194

Product code	Product name and quantity
4125	Tissue-Tek® Processing/Embedding Cassette Tan; 1,500 cassettes/case
4126	Tissue-Tek® Processing/Embedding Cassette Orange; 1,500 cassettes/case
4127	Tissue-Tek® Processing/Embedding Cassette Lilac; 1,500 cassettes/case
4128	Tissue-Tek® Processing/Embedding Cassette Gold; 1,500 cassettes/case
4129	Tissue-Tek® Processing/Embedding Cassette Aqua; 1,500 cassettes/case
4179	Tissue-Tek® Processing/Embedding Cassette Yellow; 1,500 cassettes/case
4182	Tissue-Tek® Processing/Embedding Cassette Pink; 1,500 cassettes/case
4183	Tissue-Tek® Processing/Embedding Cassette Green; 1,500 cassettes/case
4184	Tissue-Tek® Processing/Embedding Cassette Blue; 1,500 cassettes/case
4187	Tissue-Tek® Processing/Embedding Cassette White; 1,500 cassettes/case
4191	Tissue-Tek® Processing/Embedding Cassette Clear; 1,500 cassettes/case
4194	Tissue-Tek® Processing/Embedding Cassette Cover; 25 covers/box
8125	Tissue-Tek® Processing/Embedding Stacked Tan; 400 stacked cassettes/box
8126	Tissue-Tek® Processing/Embedding Stacked Orange; 400 stacked cassettes/box
8127	Tissue-Tek® Processing/Embedding Stacked Lilac; 400 stacked cassettes/box
8128	Tissue-Tek® Processing/Embedding Stacked Gold; 400 stacked cassettes/box
8129	Tissue-Tek® Processing/Embedding Stacked Aqua; 400 stacked cassettes/box
8179	Tissue-Tek® Processing/Embedding Stacked Yellow; 400 stacked cassettes/box
8182	Tissue-Tek® Processing/Embedding Stacked Pink; 400 stacked cassettes/box
8183	Tissue-Tek® Processing/Embedding Stacked Green; 400 stacked cassettes/box
8184	Tissue-Tek® Processing/Embedding Stacked Blue; 400 stacked cassettes/box
8187	Tissue-Tek® Processing/Embedding Stacked White; 400 stacked cassettes/box

# Tissue-Tek® Mega-Cassette™ System



## Tissue-Tek® Mega-Cassette™ System

The Tissue-Tek Mega-Cassette System (size 40 x 25 x 10 mm) is designed to provide specimen identification and security, from the grossing bench to the permanent paraffin block. Suitable for larger tissue samples, thanks to the depth (10 mm). Each cassette system is optimized for maximum fluid exchange during the processing cycle. When utilized with appropriately sized base molds, the cassette becomes the supporting structure of the paraffin block during embedding. Cassettes come with an attached lid.

Product code	Product name and quantity
4166	Tissue-Tek® Mega-Cassette™ Base Mold (for item 4173); 6 base molds/pack
4173	Tissue-Tek® Mega-Cassette™; 750 cassettes/case





# Cryotomy

Tissue-Tek® Cryo<sub>3</sub>® Flex Cryostat

Tissue-Tek® Cryo<sub>3</sub>® Flex Cryostat, Mohs

Tissue-Tek® O.C.T. Compound

Tissue-Tek® Cryo<sub>3</sub>® Plus accessories

# Tissue-Tek® Cryo<sub>3</sub>® Flex Cryostat



3D Precision Chuck



Anti-Roll Rake



Dynamic debris removal system

## Tissue-Tek® Cryo<sub>3</sub>® Flex Cryostat

The Tissue-Tek Cryo<sub>3</sub> Flex Cryostat is the 3<sup>rd</sup> generation of the established, reliable, and trusted Cryo<sub>3</sub> platform for fast sectioning of frozen tissue specimens. It was designed to decrease the time to get complete sections, and in parallel to preserve valuable tissue. (Optional features on Disinfection (D) and Disinfection/Motorized (DM) models).

The Tissue-Tek Cryo<sub>3</sub> Flex Cryostat produces superior sections from 1 to 99 microns using a temperature-controlled blade holder and a 3D Precision Chuck to accurately align the block face to the blade, reducing operator's trimming time and preserving specimens. The sturdy chuck retains its position when locked and unlocked, eliminating any time and effort spent realigning the cutting angle.

Users can now leverage the newly developed Anti-Roll Rake that was designed to best mimic the preferred and widely accepted "Brush Technique" to prevent sections from rolling, which in addition, reduces the learning curve of new users making them proficient faster.

For the first time in the history of cryotomy, Sakura Finetek successfully integrated its advanced remote diagnostic technology platform, Tissue-Tek iSupport, into the hardware and software of the Tissue-Tek Cryo<sub>3</sub> Flex. The plug-and-play connection opens communication to a secure remote service that ensures maximum uptime through fast reaction to instrument alerts by the Sakura Finetek professional technical support team.

Features	Benefits
3D Precision Chuck	Aligns the block face accurately to the blade on all 3 axes, reducing operator's trimming time and preserving specimens. The sturdy chuck retains its position when locked and unlocked, eliminating any time and effort spent realigning the cutting angle
Anti-Roll Rake	Mimics the preferred and widely accepted "Brush Technique" to prevent sections from rolling while producing smooth, quality sections
Ozone disinfection	Protects operators safely from bacteria and viruses in between weekly decontaminations. Offering up to 5 log reduction of the SV40 virus and contacts areas that most other disinfection methods cannot reach
Temperature controlled blade holder	Keeps the blade cold during sectioning
Tissue-Tek iSupport	Ensures maximum uptime with online remote diagnostics technology for faster instrument support and to ensure maximum uptime

Product code	Product name and quantity
6200	Tissue-Tek® Cryo3® Flex Cryostat, Basic
6201	Tissue-Tek® Cryo3® Flex Cryostat, D
6202	Tissue-Tek® Cryo3® Flex Cryostat, DM
6210	Tissue-Tek® Cryo3® Flex Anti-Roll Plate
6211	Tissue-Tek® Cryo3® Flex Anti-Roll Rake
6212	Tissue-Tek® Cryo3® Flex Drain Cover
6213	Tissue-Tek® Cryo3® Flex Utility Tray
6214	Tissue-Tek® Cryo3® Flex Utility Tray, Numbered
6215	Tissue-Tek® Cryo3® Flex Round Ergonomic Handle
6216	Tissue-Tek® Cryo3® Flex Oblong Ergonomic Handle
6217	Tissue-Tek® Cryo3® Flex Seismic Anchoring Kit
6220	Tissue-Tek® Cryo3® Flex Dual Ozone Lamp Assembly
4689	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4689-50	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 1 dispenser, 50 blades/box
4685	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 10 dispensers, 50 blades each/case
4685-50	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 1 dispenser, 50 blades/box
4728	Tissue-Tek® Cryomold®, Standard; 1,200 molds/case
4730	Tissue-Tek® Cryomold®, Biopsy; 1,200 molds/case
5807	Tissue-Tek® Specimen Holders, Small 26 mm; 6 holders/pack
5808	Tissue-Tek® Specimen Holders, Medium 36 mm; 6 holder/pack
5809	Tissue-Tek® Specimen Holders, Large 55 mm; 6 holders/pack
5811	Tissue-Tek® Cryo3® Heat Extractor, Standard
5819	Cryobar® Insert, 4-Cavity
5820	Cryobar® Insert, 4-Post
5825	Tissue-Tek® Cryo3® Waste Bottle
5826	Tissue-Tek® Cryo3® Vacuum Filter Set
5827	Tissue-Tek® Cryo3® Vacuum Hose Attachment
5834	Tissue-Tek® Cryo3® Drain Cleaning Brush
5835	Tissue-Tek® Cryo3® Ozone Port Screen
6033	Tissue-Tek® Uninterrupted Power Supply

## Specifications

<b>Dimensions</b>	25.8 (W) x 29.7 (D) x 47.0 (H) inches 65.4 (W) x 75.4 (D) x 119.4 (H) cm
<b>Weight</b>	373 lbs (169.2 kg)
<b>Power requirements</b>	115/120 VAC, 50/60 Hz, 11 A The instrument must be connected to an electrical outlet which supplies the proper voltage (within $\pm 10\%$ )
<b>Data interface</b>	USB and LAN
<b>Chamber temperature set point range</b>	-35°C to 0°C; Chamber temperature is maintained within $\pm 2^\circ\text{C}$
<b>Cryo+™ temperature</b>	When activated it is 20°C lower than the Chamber temperature, within 5 minutes. Lowest Cryo+ temperature is -50°C
<b>Sectioning thickness settings</b>	1 to 99 microns in 1 micron steps
<b>Maximum specimen thickness</b>	25 mm
<b>Trimming range</b>	1 to 100 microns in 1 micron steps
<b>Retraction distance</b>	0 (non-retracting) to 99 microns in 1 micron steps
<b>Specimen holder sizes</b>	Round 26 mm, 36 mm, 55 mm (all including an alignment mark on the shaft)
<b>Chuck</b>	3D Precision Chuck secures the Specimen Holder to the microtome. Dial indicators show the exact angle of the chuck. The guide marks show the exact orientation of the Specimen Holders in the chuck
<b>Travel range</b>	Vertical: 2.5 inches (63.0 mm) Horizontal: 1.0 inch (25.4 mm)
<b>Defrost cycle</b>	Manual start: Defrosts the chamber within 30 minutes, when activated Automatic start: Defrosts the chamber within 1 hour; start time can be set within a 24 hour period
<b>Disinfection (D and DM only)</b>	Manual start: Two ozone disinfections cycles are available: <ul style="list-style-type: none"> <li>• Long: approximately 135 minutes (warm)</li> <li>• Short: approximately 45 minutes (cold)</li> </ul> Automatic start: always performs a long disinfection cycle. Start time can be set within a 24 hour period
<b>Regulatory status</b>	IVD, FDA Class I



# Tissue-Tek® Cryo<sub>3</sub>® Flex Cryostat, Mohs



Winged Chuck



Anti-Roll Rake



Anti-Roll Rake in use

## Tissue-Tek® Cryo<sub>3</sub>® Flex Cryostat, Mohs

The Tissue-Tek Cryo<sub>3</sub> Flex Cryostat, Mohs is the 3<sup>rd</sup> generation of the established, reliable and trusted Cryo<sub>3</sub> platform for fast sectioning of Mohs specimens. It was designed to decrease the time to get complete sections, and in parallel to preserve valuable tissue. The newly developed innovative Winged Chuck provides the user complete control of specimen alignment on all 3 axes to accurately align the block face to the blade making the entire margin available for diagnosis.

The Tissue-Tek Cryo<sub>3</sub> Flex Cryostat, Mohs produces superior sections from 1 to 99 microns using a temperature-controlled blade holder and a Winged Chuck to accurately align the block face to the blade, reducing operator's trimming time and preserving specimens. The sturdy chuck

retains its position when locked and unlocked, eliminating any time and effort spent realigning the cutting angle. Users can now leverage the newly developed Anti-Roll Rake that was designed to best mimic the preferred and widely accepted "Brush Technique" to prevent sections from rolling, which in addition, reduces the learning curve of new users making them proficient faster.

For the first time in the history of cryotomy, Sakura Finetek successfully integrated its advanced remote diagnostic technology platform, Tissue-Tek iSupport, into the hardware and software of the Tissue-Tek Cryo<sub>3</sub> Flex, Mohs. The plug and-play connection opens communication to a secure remote service that ensures maximum uptime through fast reaction to instrument alerts by the Sakura Finetek professional technical support team.

Features	Benefits
Winged Chuck	Wings provide technicians complete control of specimen alignment on all 3 axes, reducing operator's trimming time and preserving specimens. The sturdy chuck retains its position when locked and unlocked, eliminating any time and effort spent realigning the cutting angle
Anti-Roll Rake	Mimics the preferred and widely accepted "Brush Technique" to prevent sections from rolling while producing smooth, quality sections
Temperature controlled Blade Holder	Keeps the blade cold during sectioning
Tissue-Tek iSupport	Ensures maximum uptime with online remote diagnostics technology for faster instrument support and to ensure maximum uptime

Product code	Product name and quantity
6209	Tissue-Tek® Cryo3® Flex Cryostat, Mohs
6210	Tissue-Tek® Cryo3® Flex Anti-Roll Plate
6211	Tissue-Tek® Cryo3® Flex Anti-Roll Rake
6212	Tissue-Tek® Cryo3® Flex Drain Cover
6213	Tissue-Tek® Cryo3® Flex Utility Tray
6214	Tissue-Tek® Cryo3® Flex Utility Tray, Numbered
6215	Tissue-Tek® Cryo3® Flex Round Ergonomic Handle
6216	Tissue-Tek® Cryo3® Flex Oblong Ergonomic Handle
6217	Tissue-Tek® Cryo3® Flex Seismic Anchoring Kit
4689	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4689-50	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 1 dispenser, 50 blades/box
4685	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 10 dispensers, 50 blades each/case
4685-50	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 1 dispenser, 50 blades/box
4728	Tissue-Tek® Cryomold®, Standard; 1,200 molds/case
4730	Tissue-Tek® Cryomold®, Biopsy; 1,200 molds/case
5807	Tissue-Tek® Specimen Holders, Small 26 mm; 6 holders/pack
5808	Tissue-Tek® Specimen Holders, Medium 36 mm; 6 holders/pack
5809	Tissue-Tek® Specimen Holders, Large 55 mm; 6 holders/pack
5811	Tissue-Tek® Cryo3® Heat Extractor, Standard
5819	Cryobar® Insert, 4-Cavity
5820	Cryobar® Insert, 4-Post
5825	Tissue-Tek® Cryo3® Waste Bottle
5834	Tissue-Tek® Cryo3® Drain Cleaning Brush
6033	Tissue-Tek® Uninterrupted Power Supply (UPS), 30 minutes



## Specifications

<b>Dimensions</b>	25.8 (W) x 29.7 (D) x 47.0 (H) inches 65.4 (W) x 75.4 (D) x 119.4 (H) cm
<b>Weight</b>	320 lbs (145.1 kg)
<b>Power requirements</b>	115/120 VAC, 50/60 Hz, 11 A The instrument must be connected to an electrical outlet which supplies the proper voltage (within $\pm 10\%$ )
<b>Data interface</b>	USB and LAN
<b>Chamber temperature set point range</b>	-35°C to 0°C; Chamber temperature is maintained within $\pm 2^\circ\text{C}$
<b>Cryo+™ Temperature</b>	When activated it is 20°C lower than the Chamber temperature, within 5 minutes. Lowest Cryo+ temperature is -50°C
<b>Sectioning thickness settings</b>	1 to 99 microns in 1 micron steps
<b>Maximum specimen thickness</b>	25 mm
<b>Trimming range</b>	1 to 100 microns in 1 micron steps
<b>Specimen holder sizes</b>	Round 26mm, 36 mm, 55 mm (all including an alignment mark on the shaft)
<b>Specimen orientation</b>	8° (XY axis), 360° (Z axis)
<b>Chuck</b>	Winged Chuck secures the Specimen Holder to the microtome. Wings provide histotechnologists complete control of specimen alignment, ensuring the entire margin is available for diagnosis.
<b>Travel range</b>	Vertical: 2.5 inches (63.0 mm) Horizontal: 1.0 inch (25.4 mm)
<b>Defrost cycle</b>	Manual start: Defrosts the chamber within 30 minutes, when activated Automatic start: Defrosts the chamber within 1 hour; start time can be set within a 24 hour period
<b>Regulatory status</b>	IVD, FDA Class I

# Tissue-Tek® O.C.T. Compound



## Tissue-Tek® O.C.T. Compound

Tissue-Tek O.C.T. Compound is used to quickly embed fresh tissue specimens for frozen sectioning using a cryostat. Tissue-Tek O.C.T. Compound is a formulation of clear, water-soluble glycols and resins, providing a solid matrix to encapsulate tissue specimens and bond to the Specimen Holder for consistent sectioning in a cryostat working temperature of -10°C and below.

- Undesirable background staining is eliminated as no residue is left on the slides during staining
- O.C.T. stands for optimal cutting temperature. The high viscosity of Tissue-Tek O.C.T. Compound results in fast freezing for optimal section quality
- Sold in 4 oz (118 mL) squeeze bottles; 12 bottles/case

### Product code

4583

### Product name and quantity

Tissue-Tek® O.C.T. Compound;  
12 bottles, each 118 mL (4 fl. oz.)/case

Features	Benefits
Water-soluble glycols and resins	<ul style="list-style-type: none"> <li>• No background staining</li> <li>• Tissue stays on slide</li> </ul>
High viscosity	<ul style="list-style-type: none"> <li>• Holds and supports tissue for smooth sectioning</li> <li>• Fast freezing for a quick turnaround time (TAT)</li> </ul>
Clear, consistent resin formulation	Provides consistent sectioning with minimum section curling

# Tissue-Tek® Cryo3® Plus

## Cryostat accessories

Product code	Product name and quantity
5807	Tissue-Tek® Cryo3® Specimen Holders, Small 26 mm; 6 holders/pack
5808	Tissue-Tek® Cryo3® Specimen Holders, Medium 36 mm; 6 holders/pack
5809	Tissue-Tek® Cryo3® Specimen Holders, Large 55 mm; 6 holders/pack
5811	Tissue-Tek® Cryo3® Heat Extractor, Standard
5815	Tissue-Tek® Cryo3® Heat Extractor, Large
5819	Cryobar® Insert, 4-Cavity
5820	Cryobar® Insert, 4-Post
5824	Tissue-Tek® Cryo3® Utility Tray
5825	Tissue-Tek® Cryo3® Waste Bottle
5826	Tissue-Tek® Cryo3® Vacuum Filter Set
5827	Tissue-Tek® Cryo3® Vacuum Hose Attachment
5828	Tissue-Tek® Cryo3® Ozone Lamp Assembly
4557	Tissue-Tek® Cryomold® Standard 25 x 20 x 5 mm; 100 molds/box, 12 boxes/case
4565	Tissue-Tek® Cryomold® Biopsy 10 x 10 x 5 mm; 100 molds/box, 12 boxes/case
4566	Tissue-Tek® Cryomold® Intermediate 15 x 15 x 5 mm; 100 molds/box, 12 boxes/case
4681	Tissue-Tek® Accu-Edge® Universal Cryostat Blade System; 1 holder and 20 blades/kit
4728	Tissue-Tek® Cryomold® Standard 23 mm; 1,200 molds/case
4730	Tissue-Tek® Cryomold® Biopsy 15 mm; 1,200 molds/case
5829	Tissue-Tek® Cryo3® Foot Pedal
5832	Tissue-Tek® Cryo3® Anti-Roll Plate
5833	Tissue-Tek® Cryo3® Steel Knife Holder
5834	Tissue-Tek® Cryo3® Drain Cleaning Brush
5835	Tissue-Tek® Cryo3® Ozone Port Screen
5836	Tissue-Tek® Cryo3® Fluorescent Lamp Assembly
5837	Tissue-Tek® Cryo3® Drain Cover
5839	Tissue-Tek® Cryo3® Anti-Roll Rake
6033	Tissue-Tek® Uninterrupted Power Supply (UPS), 30 minutes





# Tissue processing

## Continuous rapid tissue processor

Tissue-Tek Xpress® x120 Rapid Tissue Processor

## Batch conventional tissue processor

Tissue-Tek VIP® 6 AI Vacuum Infiltration Processor

## Fixatives

Tissue-Tek VIP® Fixative

Tissue-Tek ClearFIX® Fixative

Tissue-Tek® 10% Neutral Buffered Formalin

## Dehydrants/Clearants

Tissue-Tek® Reagent Alcohol 100%

Tissue-Tek® Reagent Alcohol 95% v/v

Tissue-Tek® Reagent Alcohol 70% v/v

Tissue-Tek® Xylene

## Paraffin

Tissue-Tek VIP® Paraffin

Tissue-Tek® Paraform® Processing/Embedding Medium,  
Formula 3

# Tissue-Tek Xpress® x120 Rapid Tissue Processor



Continuous loading (up to 40 cassettes)



Ready-to-use reagents

## Tissue-Tek Xpress® x120 Rapid Tissue Processor

The Tissue-Tek Xpress x120 Rapid Tissue Processor is the only rapid tissue processor that allows true continuous processing to streamline safe tissue handling and the histology workflow. The Tissue-Tek Xpress x120 uses breakthrough, low-wattage microwave technology, improved, molecular-friendly reagents, and traditional vacuum infiltration techniques to provide consistent, superior results in record time. By completing tissue processing in approximately 1 hour with the ability to load up to 40 cassettes every 20 minutes on the standard program, the speed and continuous throughput of the Xpress x120 allows an even distribution of cases throughout the day, making workloads more manageable. With true rapid tissue processing capabilities beyond just biopsies, the Xpress x120 reduces the processing time of large tissue specimens from 8 hours on a conventional processing platform to only 2.5 hours, saving up to 5.5 hours with comparable results for both H&E and IHC.<sup>1</sup>

Specimen slides now make their way to the pathologist faster than ever, enabling same-day diagnosis, drastically reducing patient stay and anxiety.

The Xpress reagents are uniquely formulated for safe, efficient and rapid tissue processing. Less than 16 liters of onboard reagents are capable of processing up to 1,500 cassettes, reducing in-lab inventory and saving money by cutting disposal quantities by up to 80%. The ready-to-use reagents require no dilutions and eliminate bottle placement and filling errors, creating an error-free reagent exchange process that saves valuable technician time. Xpress reagents are both formalin- and xylene-free, minimizing waste management costs and promoting a less hazardous work environment.

Whether for H&E, special stains, or advanced testing methods like immunohistochemistry or molecular, the Xpress x120 rapid tissue processor completes tissue processing in only a fraction of the time and provides excellent quality that is equal to or better than that produced by conventional tissue processing methods.

<sup>1</sup>See NSH 2019 poster presentation "Conventional versus Tissue-Tek Xpress® x120 Rapid Tissue Processing: A blind comparison study using large surgical tissue" at [www.sakuraus.com](http://www.sakuraus.com) or [Conventional versus Tissue-Tek Xpress® x120 Rapid Tissue Processing: A blind comparison study using large surgical tissue](#)

Features	Benefits
Continuous loading of magazines every 20 minutes	Provides a steady flow of processed tissues for embedding
The x120 is pre-programmed with two rapid protocols: standard and extended	Allows for continuous, rapid processing of both biopsy and larger tissue
The x120 reagents are prepackaged in containers that are placed directly onto the instrument	Makes exchanging of reagents quick, safe, and error-free by eliminating reagent dilution, pouring, or placement mistakes
Tissue-Tek Xpress proprietary reagents are formalin- and xylene-free	Allows for a greener work environment by eliminating exposure to harsh chemicals and reduces waste

Product code	Product name and quantity
7720	Tissue-Tek Xpress® x120 Rapid Tissue Processor
7006	Tissue-Tek Xpress® 20-Cassette Magazine; 4 magazines/box
7007	Tissue-Tek Xpress® 20-Cassette Magazine Handle; 6 handles/box
7093	Tissue-Tek AutoTEC® a120 20-Cassette Magazine; 6 magazines, 1 lid, and 1 retainer/kit
7103	Tissue-Tek Xpress® 40-Cassette Basket with Handle and Lid; 1 each basket, lid, handle/kit
7104	Tissue-Tek Xpress® 40-Cassette Basket Lid
7106	Tissue-Tek Xpress® Tray Liners; 100 tray liners/box
7107	Tissue-Tek Xpress® Activated Carbon Filter for x120; 2 filters/box
6160	Tissue-Tek Xpress® Activated Carbon Filter for x50; 2 filters/box
7109	Tissue-Tek Xpress® Basket Transportation Tray
7115	Tissue-Tek Xpress® Pre-Processing Solution; 4 bottles, each 3.8 L/case
7117*	Tissue-Tek Xpress® Pre-Processing Fixative; 4 bottles, each 3.8 L/case
7120*	Tissue-Tek Xpress® Molecular Fixative; 4 bottles, each 3.8 L/case
7150	Tissue-Tek Xpress® Processing Reagent Set, Formula 3; 1 each, bottle 7151, 3.8 L, bottle 7152, 3.8 L, bag 7153, 3.0 L, bag 7154, 3.0 L/kit

\*  **WARNING:** This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Product code	Product name and quantity
7730	Tissue-Tek Xpress® x120 Reagent Set; 2 bottles 7731, each 3.8 L, 2 bags 7732, each 3.0 L/kit
7011	Tissue-Tek Xpress® x120, Uninterrupted Power Supply (1.5 hours)
1550	Tissue-Tek® Scraper, Large
4800	Tissue-Tek® Accu-Edge® Grossing Board; 1 grossing board, 1 each 1.5, 2.0, 2.5, 3.0 mm depth gauges, and 2 tissue tampers/kit
4802	Tissue-Tek® Accu-Edge® Grossing Wells; 1 grossing wells platform, 1 each 1.5, 2.0, 2.5, 3.0 mm depth gauges, and 2 tissue tampers/kit
4803	Tissue-Tek® Accu-Edge® Grossing Fork, 1.5 mm; 1 each, grossing fork, 1.5 mm and cleaning brush/kit
4804	Tissue-Tek® Accu-Edge® Grossing Fork, 2.0 mm; 1 each, grossing fork, 2.0 mm and cleaning brush/kit
4807	Tissue-Tek® Accu-Edge® Grossing Fork, 2.5 mm; 1 each, grossing fork, 2.5 mm and cleaning brush/kit
4814	Tissue-Tek® Accu-Edge® Cleaning Brush; 10 brushes/box
4846	Tissue-Tek® Accu-Edge® Tamper Set; 2 tampers/box
4847	Tissue-Tek® Accu-Edge® Gauge Set; 1 each 1.5, 2.0, 2.5, 3.0 mm depth gauges/kit
4223	Tissue-Tek® Biopsy Bags, Small (3 x 5 cm); 1,000 bags/box
4224	Tissue-Tek® Biopsy Bags (4.5 x 6.5 cm); 500 bags/box
4785	Tissue-Tek® Accu-Edge® Trimming Blade, short; 5 blades/box
4786	Tissue-Tek® Accu-Edge® Trimming Handle; Short Straight
4791	Tissue-Tek® Accu-Edge® Dissecting Scalpel Handle
4792	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #61, Curved Tip; 20 blades/case
4793	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #62, Pointed Tip; 20 blades/case

### Specifications

<b>Dimensions</b>	67 (W) x 28 (D) x 64 (H) inches 170 (W) x 71 (D) x 162 (H) cm
<b>Weight</b>	1,023 lbs (465 kg)
<b>Power requirements</b>	Single phase, 200 VAC ± 10%, 50/60 Hz, 15 A (NEMA L6-20 dedicated receptacle)
<b>Retorts</b>	Load station - 1 Retorts - 4 Unload stations - 2
<b>Capacity</b>	Up to 40 cassettes, every 20 minutes
<b>Processing programs</b>	Standard up to 2 mm; 60 minutes Extended up to 3 mm; 120 minutes
<b>Temperature ranges</b>	Processing stations #1 and #2: 51° C ± 1° C Processing stations #3 and #4: 65° C ± 2° C
<b>Regulatory status</b>	IVD, FDA Class I

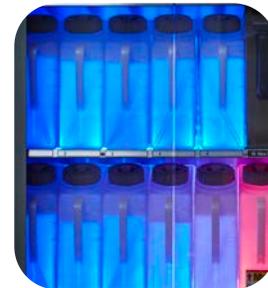
# Tissue-Tek VIP® 6 AI Vacuum Infiltration Processor



Color-coded drain and fill ports



Paraffin waste container



LED-lit reagent cabinet

## Tissue-Tek VIP® 6 AI Vacuum Infiltration Processor

The top-selling tissue processor series in the world is now even more advanced being the first and only tissue processor offering onboard creation of mixed solutions for advanced infiltration (AI) of fatty tissues. Automatically mixing specified reagents onboard to create mixed solutions provides advanced infiltration by enhancing dehydration and defatting without extending protocol times.

The Tissue-Tek VIP 6 AI continues the Sakura Finetek reputation for market-leading reliability and innovation. Enhanced tissue safety features like the Solution Manager, automatic bottle check, and a newly designed reagent manifold provide worry-free processing. The VIP 6 AI is also loaded with user-convenience features like automatic solution transfer, an easy-to-use paraffin waste reservoir, 2 bulk reagent reservoirs, color-coded drain and fill ports, and an LED-lit reagent cabinet, saving time and reducing errors.

Features	Benefits
10 mixing modes	Allows effective yet gentle reagent agitation
2 bulk reservoirs	Enables convenient additional storage of fresh reagent
Automatic onboard mixing of reagents	Enhances dehydration and defatting without extending protocols times
Solution manager	Provides safe and worry-free processing
Automatic solution transfer	Enables in-process transfer of up to two reagents and the paraffin
Paraffin waste container	Safe, clean, and easy exchange and disposal of paraffin
Automatic bottle check	Prevents errors before a run starts
Tissue-Tek® iSupport™ Service Link	The secure remote service ensures maximum uptime
Fume control system	Advanced filtering eliminates noxious fumes
Automatic paraffin degassing	Keeps the paraffin clean while filtering harmful fumes
Newly designed reagent manifold	Safeguard against unexpected user errors

Product code	Product name and quantity
6040	Tissue-Tek VIP® 6 AI
1550	Tissue-Tek® Scraper, Large
6034	Tissue-Tek VIP® 6 Paraffin Scraper, Small
6035	Tissue-Tek VIP® 6 Reagent Bottle, Complete
6036	Tissue-Tek VIP® 6 Reagent Bottle Labels, 8 colors; 10 labels per color, 80 labels/pack
6045	Tissue-Tek VIP® 6 Paraffin Waste Bags; 12 bags/box
6160	Tissue-Tek Prisma® Fume Filter; 2 filters/box
6033	Tissue-Tek® Uninterrupted Power Supply (30 minutes)

### Specifications

<b>Dimensions</b>	61 (W) x 68 (D) x 133 (H) cm 24 (W) x 27 (D) x 52 (H) inches
<b>Weight</b>	386 lbs (175 kg) without accessories and reagents
<b>Power requirements</b>	Single phase, VAC 115 ± 10%, 50/60 Hz, 12 A
<b>Capacity</b>	Up to 300 cassettes
<b>Reagent reservoirs</b>	14 bottles: up to 4.2 liters (including waste and cleaning)
<b>Internal bulk reservoirs</b>	2 reservoirs, 10.4 liters each
<b>Paraffin reservoirs</b>	3 small: up to 4.2 liters 1 large: up to 5.6 liters
<b>Level sensors</b>	4, ultrasonic
<b>Display</b>	10.4 inches, color LCD, touch
<b>Regulatory status</b>	IVD, FDA Class I

## Tissue-Tek VIP® Fixative



### Tissue-Tek VIP® Fixative

Tissue-Tek VIP Fixative is a non-precipitating formalin fixative designed to provide the desirable features of buffered formaldehyde fixation while staying in solution when introduced to alcohol. Tissue-Tek VIP Fixative can be used as the primary and sole fixative for any routine, immunohistochemical and special stained specimens or it can also be used as a secondary fixative. Tissue-Tek VIP Fixative can be used on traditional tissue processors.

Product code	Product name and quantity
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5989*	Tissue-Tek VIP® Fixative; 2.5 gallon cube
5990*	Tissue-Tek VIP® Fixative; 4 bottles, each 3.8 L/case
5991*	Tissue-Tek VIP® Fixative; 5 gallon cube
5992	Tissue-Tek VIP® Spigot

## Tissue-Tek ClearFIX® Fixative



### Tissue-Tek ClearFIX® Fixative

Tissue-Tek ClearFIX is a high-quality 10% neutral buffered formalin fixative designed to provide the desirable features of buffered formaldehyde fixation while staying in solution. Tissue-Tek ClearFIX can be used as the primary and sole fixative for any routine, immunohistochemical and special stained specimens or it can also be used as a secondary fixative. Tissue-Tek ClearFIX can be used on conventional tissue processors.

Product code	Product name and quantity
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5996*	Tissue-Tek ClearFIX® Fixative; 4 bottles, each 3.8 L/case
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**\*WARNING:** This product can expose you to chemicals including Formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Tissue-Tek® 10% Neutral Buffered Formalin



## Tissue-Tek® 10% Neutral Buffered Formalin

Tissue-Tek 10% Neutral Buffered Formalin is an excellent choice for tissue fixation. Buffered to the proper pH, Tissue-Tek 10% Neutral Buffered Formalin prevents the formation of formalin pigment that can impede diagnosis or require additional work to remove. Tissue-Tek 10% Neutral Buffered Formalin is an effective fixative at the grossing station or in any conventional tissue processors.

### Product code    Product name and quantity

5993\*    Tissue-Tek® Neutral Buffered Formalin; 4 bottles, each 1 gal (3.7 L)/case

# Tissue-Tek® Reagent Alcohol



## Tissue-Tek® Reagent Alcohol

Tissue-Tek Reagent Alcohol provides the expected results for dehydration and other typical applications. Offered in 70%, 95%, and 100% ready-to-use concentrations, Tissue-Tek Reagent Alcohol simplifies reagent exchanges on tissue processors and stainers, helping to reduce dilution errors and save valuable time.

### Product code    Product name and quantity

5987\*    Tissue-Tek® Reagent Alcohol 100%; 4 bottles, each 1 gal (3.7 L)/case

6020\*    Tissue-Tek® Reagent Alcohol 95% v/v; 4 bottles, each 1 gal (3.7 L)/case

6021\*    Tissue-Tek® Reagent Alcohol 70% v/v; 4 bottles, each 1 gal (3.7 L)/case

\* **⚠️ WARNING:** This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Tissue-Tek® Xylene



## Tissue-Tek® Xylene

Tissue-Tek Xylene is a great choice for the tissue clearing and dewaxing needs of any laboratory. Compatible with all conventional tissue processors and stainers where xylene is typically used, Tissue-Tek Xylene is an easy choice.

### Product code    Product name and quantity

5988\*    Tissue-Tek® Xylene; 4 bottles, each 1 gal (3.7 L)/case

**⚠️ WARNING:** This product can expose you to chemicals including Ethyl benzene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Tissue-Tek VIP® Paraffin



### Tissue-Tek VIP® Paraffin

Tissue-Tek VIP Paraffin's unique composition allows for reduced compression sections as thin as 2 microns. The low melting point, (56°C), protects samples from heat damage. The paraffin will not discolor under normal processing conditions and leaves no plasticizer residue to clog paraffin lines in tissue processors and embedding centers. Tissue-Tek VIP Paraffin is supplied in small pellets for rapid melting.

Product code	Product name and quantity
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4005	Tissue-Tek VIP® Processing/Embedding Medium; 8 bags, each 1 kg/case
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## Tissue-Tek® Paraform® Processing/Embedding Medium, Formula 3



### Tissue-Tek® Paraform®

Tissue-Tek Paraform Processing/Embedding Medium is a 3rd generation formulation designed for use with the Tissue-Tek AutoTEC a120 Automated Embedding System for the fast, continuous and predictable embedding of blocks. The paraffin is designed as both a processing and embedding medium to cover all of the laboratory's needs, with the same additional features as the Tissue-Tek VIP Paraffin.

Product code	Product name and quantity
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7052	Tissue-Tek® Paraform® Processing/Embedding Medium, Formula 3; 8 bags, each 1 kg/case
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# Embedding

## Automated embedding

Tissue-Tek AutoTEC® a120 Automated Embedding System

## Sectionable cassettes

Tissue-Tek® Paraform® Sectionable Cassette System

## Traditional manual embedding

Tissue-Tek® TEC™ 6 Embedding Console System

## Base molds

Tissue-Tek® NanoMold™ Base Mold System

Tissue-Tek® Base Mold System

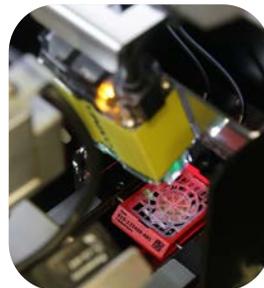
Tissue-Tek® Mold Release

Tissue-Tek® Embedding Rings

# Tissue-Tek AutoTEC® a120 Automated Embedding System



Continuous loading of magazines



On-board barcode reader



Embedded blocks in output door

## Tissue-Tek AutoTEC® a120 Automated Embedding System

The Tissue-Tek AutoTEC a120 is the only fully automated tissue embedder. With an output of up to 120 consistent, high-quality Tissue-Tek Paraform blocks per hour, the Tissue-Tek AutoTEC a120 automates and standardizes the tissue embedding process to provide faster embedded tissues that are immediately ready for sectioning, resulting in a faster and more predictable turnaround time.

Utilizing the innovative Tissue-Tek® Paraform® Sectionable Cassette System to secure tissue and its orientation from grossing to microtomy, automated embedding substantially decreases the occurrence of errors by up to 44% compared to the traditional, manual embedding process, creating safer, higher-quality blocks<sup>1</sup>.

<sup>1</sup>See NSH 2019 poster presentation "Reducing common embedding errors through automation: Manual embedding versus automated embedding using the Tissue-Tek AutoTEC® a120 Automated Embedding System and the Tissue-Tek® Paraform® Sectionable Cassette System" at [www.sakuraus.com](http://www.sakuraus.com) or [Conventional versus Tissue-Tek Xpress® x120 Rapid Tissue Processing: A blind comparison study using large surgical tissue](#)

Features	Benefits
Continuous loading and output of up to 120 Tissue-Tek Paraform Cassettes per hour	Provides a steady flow of blocks to microtomy, reducing bottlenecks
SMARTair™ Technology removes excess paraffin from blocks	Eliminates tedious scraping that saves time and allows for faster delivery to microtomy
On-board barcode reader	Allows for LIS connectivity and traceability of blocks
Automates the repetitive manual motion of embedding	Reduces Repetitive Motion Disorder, supports efficient workflow, and frees employees to work on other important tasks
The Tissue-Tek Paraform Sectionable Cassettes System orientates and secures the tissue	Eliminates the risk of lost specimens and standardizes tissue orientation
Three base molds support all 6 different Tissue-Tek Paraform Cassette sizes	Allows for mixed tissue specimens to be embedded per their pre-programmed protocol
Remote monitoring capabilities through Tissue-Tek® iSupport™ Service Link	Maximizes instrument uptime and reduces service cost

Product code	Product name and quantity
7090	Tissue-Tek AutoTEC® a120 Automated Embedder
7005	Tissue-Tek AutoTEC® 32-Cassette Magazine; 4 magazines/box (only for use with the first generation Tissue-Tek AutoTEC)
7006	Tissue-Tek® 20-Cassette Magazine; 4 magazines/box
7007	Tissue-Tek® Magazine Handle; 6 handles/box
7062	Tissue-Tek AutoTEC® a120 Paraffin Inner Tray #1
7063	Tissue-Tek AutoTEC® a120 Paraffin Inner Tray #2; 2 trays/box
7093	Tissue-Tek AutoTEC® a120 20-Cassette Magazine; 6 magazines, 1 lid, and 1 retainer/kit
7094	Tissue-Tek AutoTEC® a120 Cassette Magazine Retainer; 4 magazine retainers/box
7095	Tissue-Tek AutoTEC® a120 Output Door; 2 output doors/box
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3; 8 bags, each 1 kg/case
7011	Uninterrupted Power Supply (UPS), Extended Use, 4 kVA

### Specifications

<b>Dimensions</b>	48 (W) x 30 (D) x 70 (H) inches 120 (W) x 75 (D) x 175 (H) cm
<b>Weight</b>	1,168 lbs (530 kg)
<b>Power requirements</b>	200 VAC ±10%, single phase, 50/60 Hz, 20 A; 230 VAC ±10%, single phase, 50/60 Hz, 20 A
<b>Interface</b>	USB: 2 ports, Type A; LAN: 2 ports
<b>Throughput</b>	Up to 120 Paraform cassettes per hour
<b>Operating conditions</b>	59° to 86°F/15° to 30°C; Relative Humidity: 30-80%, non-condensing
<b>Noise level</b>	<65 dB
<b>Regulatory status</b>	IVD, FDA Class I

# Tissue-Tek® Paraform® Sectionable Cassette System



## Tissue-Tek® Paraform® Sectionable Cassette System

The Tissue-Tek Paraform Sectionable Cassette System is a true innovation in cassette design that eliminates the need to perform manual steps at embedding. The unique two-part system is composed of a rugged frame that is compatible with most commercially available cassette printers, and an inner cassette made of a proprietary material that has sectioning characteristics similar to paraffin. The inert cassette material also does not pick up stain or interfere with microscopic tissue examination.

- The 6 innovative cassette designs provide a functional, sectionable environment for accurate tissue orientation
- The unique cassette system allows for minimal tissue handling with no further manual manipulation required after grossing
- The rugged cassettes can withstand the volatile reagents typically found on any tissue processor
- The proprietary material is easily faced by Sakura Finetek or other manufacturer's microtome blades
- The inert characteristic of the cassettes prevents the material from picking up stain or interfering with microscopic examination

## Tissue-Tek® Paraform® Cassettes

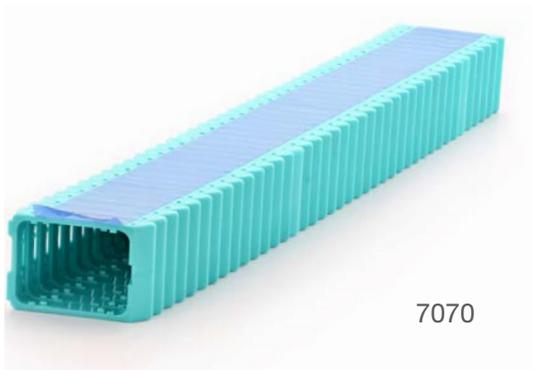
Its unique sectionability makes Tissue-Tek Paraform a significant improvement over standard cassettes. Specimen orientation is preserved from grossing through to microtomy by simply orienting the grossed specimen in 1 of 6 available cassette types: Standard, Biopsy, Orientation, Shaved Biopsy, Core Biopsy, or 13 mm x 13 mm Biopsy. These versatile cassette options allow Tissue-Tek Paraform to accommodate a variety of specimens, even those requiring special orientation (e.g. skin or tubular specimens), while eliminating the risk of orientation errors and tissue loss.

The proprietary Tissue-Tek Paraform material withstands exposure to all the volatile reagents and fixatives typically used in histology and can be processed in any tissue processor. After processing, Tissue-Tek Paraform eliminates the need to open the cassette to reorient tissue, thus simplifying embedding, increasing productivity, and preserving tissue integrity.

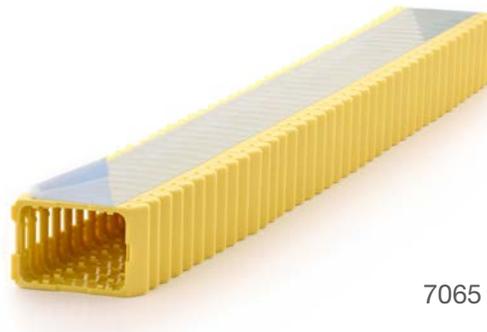
Although compatible with all existing laboratory methods and manual embedding processes, Tissue-Tek Paraform combined with the Tissue-Tek AutoTEC® a120 Automated Embedding System provides total automation of the embedding process for high quality, predictable results while saving time and resources.

Features	Benefits
The six innovative cassette designs secure the tissue through processing and embedding	Prevents loss of tissue and misorientation during processing and embedding
The frames can be printed and barcoded at grossing, providing accurate tracking of specimens	Reduces risk of lost or mislabeled specimens through the processing and embedding process
Tissue-Tek Paraform Cassettes can be easily faced by Sakura Finetek or other manufacturers' microtome blades	Eliminates the need to change the current implemented sectioning process
The cassettes can be utilized on both conventional and rapid processors as well as manual and automated embedding systems	Minimizes changes in present implemented processing or embedding systems

Product Code	Product name and quantity
7019	Tissue-Tek® Paraform® Biopsy Cassette, 13 mm x 13 mm; 500 cassettes/box
7020	Tissue-Tek® Paraform® Biopsy Cassette; 500 cassettes/box
7021	Tissue-Tek® Paraform® Standard Cassette; 500 cassettes/box
7022	Tissue-Tek® Paraform® Orientation Cassette; 500 cassettes/box
7023	Tissue-Tek® Paraform® Shaved Biopsy Cassette; 500 cassettes/box
7024	Tissue-Tek® Paraform® Core Biopsy Cassette; 500 cassettes/box
7015	Tissue-Tek® Paraform® Cassette Tamper
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3; 1 kg; 8 bags, each 1 kg/case
7055	Tissue-Tek® Paraform® Standard Base Mold, 32 mm x 28 mm; 12 base molds/pack
7056	Tissue-Tek® Paraform® Biopsy/Orientation Base Mold, 30 mm x 19 mm; 12 base molds/pack
7057	Tissue-Tek® Paraform® Biopsy Base Mold, 13 mm x 13 mm; 12 base molds/pack
7089	Tissue-Tek® Feather® Paraform® Microtome Blades; 10 dispensers, 50 blades each/case, ideal for Tissue-Tek Paraform Sectionable Cassettes
7089-50	Tissue-Tek® Feather® Paraform® Microtome Blades; 1 blade dispenser, 50 blades/box, ideal for Tissue-Tek Paraform Sectionable Cassettes
7030	Tissue-Tek® Paraform® Cassette Frames Aqua; 500 cassette frames/box
7031	Tissue-Tek® Paraform® Cassette Frames Blue; 500 cassette frames/box
7032	Tissue-Tek® Paraform® Cassette Frames Gray; 500 cassette frames/box
7033	Tissue-Tek® Paraform® Cassette Frames Gold; 500 cassette frames/box
7034	Tissue-Tek® Paraform® Cassette Frames Green; 500 cassette frames/box
7035	Tissue-Tek® Paraform® Cassette Frames Lilac; 500 cassette frames/box
7036	Tissue-Tek® Paraform® Cassette Frames Orange; 500 cassette frames/box
7037	Tissue-Tek® Paraform® Cassette Frames Pink; 500 cassette frames/box
7038	Tissue-Tek® Paraform® Cassette Frames Red; 500 cassette frames/box
7039	Tissue-Tek® Paraform® Cassette Frames Tan; 500 cassette frames/box
7040	Tissue-Tek® Paraform® Cassette Frames White; 500 cassette frames/box
7041	Tissue-Tek® Paraform® Cassette Frames Yellow; 500 cassette frames/box



7070



7065

### Tissue-Tek® Paraform® Stacked Frames

Each 400 frames/box consists of 10 sleeves x 40 frames - conveniently taped in sleeves for easy loading into the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

### Tissue-Tek® Paraform® LP Stacked Frames

Each 400 frames/box consists of 10 sleeves x 40 frames. The laser-printable Tissue-Tek® Paraform® LP Stacked Frames are printable on the General Data LaserTrack™ PH1 and PH6 Laser Cassette printers.

Product code	Product name and quantity
7070	Tissue-Tek® Paraform® Stacked Frames Aqua; 400 stacked frames/box
7071	Tissue-Tek® Paraform® Stacked Frames Blue; 400 stacked frames/box
7072	Tissue-Tek® Paraform® Stacked Frames Gray; 400 stacked frames/box
7073	Tissue-Tek® Paraform® Stacked Frames Gold; 400 stacked frames/box
7074	Tissue-Tek® Paraform® Stacked Frames Green; 400 stacked frames/box
7075	Tissue-Tek® Paraform® Stacked Frames Lilac; 400 stacked frames/box
7076	Tissue-Tek® Paraform® Stacked Frames Orange; 400 stacked frames/box
7077	Tissue-Tek® Paraform® Stacked Frames Pink; 400 stacked frames/box
7078	Tissue-Tek® Paraform® Stacked Frames Red; 400 stacked frames/box
7079	Tissue-Tek® Paraform® Stacked Frames Tan; 400 stacked frames/box
7080	Tissue-Tek® Paraform® Stacked Frames White; 400 stacked frames/box
7081	Tissue-Tek® Paraform® Stacked Frames Yellow; 400 stacked frames/box

Product code	Product name and quantity
7058	Tissue-Tek® Paraform® LP Stacked Frames Orange; 400 stacked frames/box
7064	Tissue-Tek® Paraform® LP Stacked Frames White; 400 stacked frames/box
7065	Tissue-Tek® Paraform® LP Stacked Frames Yellow; 400 stacked frames/box
7067	Tissue-Tek® Paraform® LP Stacked Frames Pink; 400 stacked frames/box

# Tissue-Tek® TEC™ 6 Embedding Console System



## Tissue-Tek® TEC™ 6 Embedding Console System

For decades, the Tissue-Tek TEC Series has been the preferred choice for Histology laboratories in embedding. The Tissue-Tek TEC 6 Embedding Console System continues that tradition while further enhancing the reliability, comfort, and ease-of-use that users have come to know and expect. Designed to be the ideal tissue embedder for laboratories of any size, the robust and ergonomic modular system offers a streamlined, adjustable workflow that is both comfortable and simple-to-use for any user.

With the Tissue-Tek TEC 6, you are in control of your embedding experience. The color touchscreen and easy-to-navigate onscreen controls allow for easy setup and operation, and the graphical user interface enables you to set and display temperatures in all of the heated and cooled areas with just a touch. The brightness of the LED work light can be adjusted directly from the main screen to improve specimen visibility and eliminate the clutter of external lamps. The instrument is also always ready when you are with the user-programmable scheduler that automatically readies or shuts down both the Embedding and Cryo Modules by day of the week and even across overnight shifts.

The Tissue-Tek TEC 6 also provides additional, customizable comfort to a normally repetitive and uncomfortable task. The modular system allows the unit to be set up for either right- or left-handed operation. Ergonomic, padded wrist rests are removable to provide added support and comfort when needed. Anti-glare, coated work surfaces reduce eye strain and provide better visual identification of tissues, and the adjustable LED work light can be dimmed or brightened according to your preference.

In addition to control and comfort, the Tissue-Tek TEC 6 includes all of the necessary features to make tissue embedding and maintenance safe and simple to use. The software-driven Clean Mode provides an easy method for cleaning the forceps wells, reducing opportunities for cross contamination of tissue blocks. The large warming surface offers an extended working area for plenty of space, and the large, nylon surface of the Cryo Module has raised edges to contain moisture and provides ample space for up to 60 embedded blocks.

Features	Benefits
Color touchscreen	Easy-to-navigate onscreen controls allow easy set up and operation
Graphical user interface	Temperatures in all heated and cooled areas are set and displayed with a touch
Adjustable LED work light	LED brightness is adjustable to preference for better visualization of tissues and to eliminate the need for external lighting
Removable wrist rests	Ergonomic, padded wrist rests provide support and comfort when needed
User-programmable scheduler	Automatic ready and shutdown times controlled for both the Embedding and Cryo Modules by day of the week and even across overnight shifts
Anti-glare work surfaces	White, coated work surfaces reduce eye strain and provide better visual identification of tissue
Clean Mode	Easy, software-driven cleaning mode for forceps wells reduces opportunities for cross-contamination
Modular system	Units can be arranged for both right- and left-handed operation

Product code	Product name and quantity
5110	Tissue-Tek® TEC™ 6 Embedding Console System
5108	Tissue-Tek® TEC™ 6 Embedding Module
5109	Tissue-Tek® TEC™ 6 Cryo Module (Requires connection to product code 5108 for operation)
5132	Tissue-Tek® TEC™ 6 Wrist Rest Set
5133	Tissue-Tek® TEC™ 6 Wrist Rest Cushion Set
5125	Tissue-Tek® TEC™ 6 Screen Protection Sheet
5127	Tissue-Tek® TEC™ 6 Magnifying Lens
5120	Tissue-Tek® TEC™ 6 Warming Chamber Tray, Large
1550	Tissue-Tek® Scraper, Large
1551	Tissue-Tek® TEC™ Large Tamper; 3 tampers/pack
1552	Tissue-Tek® TEC™ Small Tamper; 3 tampers/pack
5782	Tissue-Tek® TEC™ 75-Cassette Transfer Tray
5783	Tissue-Tek® TEC™ Base Mold Dividers
5785	Tissue-Tek® TEC™ Foot Pedal Switch

## Specifications

	Embedding Module 22.6 (W) x 25.3 (D) x 14.8 (H) inches 57.5 (W) x 64.2 (D) x 37.7 (H) cm Cryo Module 13.0 (W) x 24.3 (D) x 14.8 (H) inches 33.0 (W) x 61.7 (D) x 37.7 (H) cm Combined System 35.6 (W) x 25.3 (D) x 14.8 (H) inches 90.5 (W) x 64.2 (D) x 37.7 (H) cm
<b>Dimensions</b>	
<b>Weight</b>	Embedding Console: 55 kg (25 lb) Cryo Console: 48 kg (22 lb) Combined: 104 kg (47 lb)
<b>Power requirements</b>	Embedding Module: 115 VAC ± 10%, 60 Hz, 9.0 A Cryo Module: 115 VAC ± 10%, 60 Hz, 2.0 A
<b>Configuration</b>	Modular, can be configured for right- or left-handed use
<b>Capacity</b>	Paraffin chamber: 4 liters Left and right thermal chambers: 1.5 liters or up to 150 cassettes Working area: up to 20 cassettes Cryo plate: up to 60 blocks
<b>Paraffin delivery</b>	Gravity feed with touch-plate activation and optional foot pedal control
<b>Paraffin flow rate</b>	Flow rate adjusted with control knob
<b>Waste collection</b>	Drain channels in the heated working area route paraffin waste to two front waste drawers
<b>Illumination</b>	5-level, adjustable white LED
<b>Automatic time mode</b>	User-programmable, ready with shutdown times for each day of the week
<b>Heating time (Embedding Module)</b>	Paraffin and left/right chambers: 4 hours from room temperature start
<b>Cooling time (Cryo Module)</b>	30 minutes from room temperature start
<b>Temperature range</b>	Paraffin and thermal chambers: 122 to 167°F (50 to 75°C) Hot plate: 122 to 167°F (50 to 75°C) Cryo plate: 14 to 32°F (-10 to 0°C)
<b>User interface display</b>	4.3 inch TFT color LCD touchscreen
<b>Diagnostic function</b>	Self-diagnosis, error messages, power-out detection
<b>Data interface</b>	USB
<b>Regulatory status</b>	IVD, FDA Class I

# Tissue-Tek® NanoMold™ Base Mold System



4215



4216



4217



4218



4219

## Tissue-Tek® NanoMold™ Base Mold System

Tissue-Tek NanoMold Base Molds produce uniform paraffin blocks much quicker and release easier than traditional methods without the use of chemical mold release solutions. The stainless steel Tissue-Tek NanoMold Base Molds are manufactured with an exclusive and patented Nano Technology coating that speeds up the embedding process helping laboratories save time, labor, and increase efficiency. Even more time savings are achieved because residual paraffin is no longer left in the molds, drastically reducing the amount of cleaning necessary. Tissue-Tek NanoMold Base Molds are available in five popular sizes to fit various embedding needs.

### Product code

### Product name and quantity

4215	Tissue-Tek® NanoMold™ Base Molds 9 x 9 x 4 mm; 12 base molds/pack
4216	Tissue-Tek® NanoMold™ Base Molds 15 x 15 x 4 mm; 12 base molds/pack
4217	Tissue-Tek® NanoMold™ Base Molds 20 x 20 x 5 mm; 12 base molds/pack
4218	Tissue-Tek® NanoMold™ Base Molds 20 x 26 x 5 mm; 12 base molds/pack
4219	Tissue-Tek® NanoMold™ Base Molds 20 x 33 x 5 mm; 12 base molds/pack

Features	Benefits
Nano technology coating	Easy release without the use of chemical mold release solutions
No residual paraffin left in the mold	Drastically reduces the amount of cleaning
Five popular sizes	Meets most common embedding needs

# Tissue-Tek® Base Mold System



## Tissue-Tek® Base Mold System

The Tissue-Tek Stainless-Steel Base Molds are designed for use with Tissue-Tek Uni-Cassette and Uni-Cassette Biopsy Cassette Systems, as well as Tissue-Tek Processing/Embedding Cassettes. The base molds are made of stainless steel and are reusable with extended fins to prevent tipping and to provide a gripping surface for easy handling. The flat, metal bottom allows maximum heat/cold exchange to enhance embedding and release of the paraffin block.

### Product code Product name and quantity

4121	Tissue-Tek® Base Mold for Embedding Rings 16 x 16 x 6 mm; 12 base molds/pack
4122	Tissue-Tek® Base Mold for Embedding Rings 22 x 22 x 6 mm; 12 base molds/pack
4123	Tissue-Tek® Base Mold for Embedding Rings 32 x 25 x 6 mm; 12 base molds/pack
4124	Tissue-Tek® Base Mold for Embedding Rings 38 x 25 x 6 mm; 12 base molds/pack

### Product code Product name and quantity

4131	Tissue-Tek® Base Mold for Embedding Rings 22 x 22 x 12 mm; 12 base molds/pack
4132	Tissue-Tek® Base Mold for Embedding Rings 32 x 25 x 12 mm; 12 base molds/pack
4133	Tissue-Tek® Base Mold for Embedding Rings 38 x 25 x 12 mm; 12 base molds/pack
4161	Tissue-Tek® Base Mold 7 x 7 x 5 mm; 12 base molds/pack
4162	Tissue-Tek® Base Mold 15 x 15 x 5 mm; 12 base molds/pack
4163	Tissue-Tek® Base Mold 24 x 24 x 5 mm; 12 base molds/pack
4164	Tissue-Tek® Base Mold 30 x 24 x 5 mm; 12 base molds/pack
4165	Tissue-Tek® Base Mold 37 x 24 x 5 mm; 12 base molds/pack
4166	Tissue-Tek® Mega-Cassette™ Base Mold (for 4173); 6 base molds/pack
7055	Tissue-Tek® Paraform® Standard Base Mold, 32 x 28 mm; 12 base molds/pack
7056	Tissue-Tek® Paraform® Biopsy/Orientation Base Mold, 30 x 19 mm; 12 base molds/pack
7057	Tissue-Tek® Paraform® Biopsy Base Mold, 13 x 13 mm; 12 base molds/pack

## Tissue-Tek® Mold Release



### Tissue-Tek® Mold Release

Tissue-Tek Mold Release is used for coating Tissue-Tek Base Molds to ensure clean separation of embedding paraffin from the mold after embedding. The working solution is prepared by adding 5 mL of Tissue-Tek Mold Release Concentrate to 95 mL ethyl or isopropyl alcohol. The molds are dipped in solution and dried prior to embedding.

Product code	Product name and quantity
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4141*	Tissue-Tek® Mold Release, concentrate; 12 bottles, each 118 (4 fl. oz.)/case
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\* **⚠ WARNING:** This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Tissue-Tek® Embedding Rings



### Tissue-Tek® Embedding Rings

Tissue-Tek Embedding Rings are precision-molded to allow proper and secure positioning of tissue samples in base molds. The Embedding Rings are chemical resistant to hold up against common tissue processing reagents. The etched marking surface allows for the application and display of sample identification throughout the process. Embedding Rings come in five (5) different colors to provide easy visual identification.

Tissues are placed into one of the Tissue-Tek Base Molds for Embedding Rings, the Embedding Ring is placed into position, and the mold is filled with the embedding medium. Once cooled, the embedding ring holds the tissue securely in the microtome chuck adapter to allow proper sectioning of the tissue.

Product code	Product name and quantity
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4113	Tissue-Tek® Embedding Rings Yellow; 1,000 embedding rings/box
4114	Tissue-Tek® Embedding Rings Pink; 1,000 embedding rings/box
4115	Tissue-Tek® Embedding Rings Green; 1,000 embedding rings/box
4116	Tissue-Tek® Embedding Rings Blue; 1,000 embedding rings/box
4151	Tissue-Tek® Embedding Rings White; 1,000 embedding rings/box





# Slides and coverglass

## Slides

Tissue-Tek® SmartWrite® Frosted Slides

## Marking pencil

Tissue-Tek® Marking Pencil

## Coverslips

Tissue-Tek® Glas™ Coverslips

## Mailer

Cyto-Tek® Mailer

# Tissue-Tek® SmartWrite® Frosted Slides



## Tissue-Tek® SmartWrite® Frosted Slides

Tissue-Tek SmartWrite Frosted Slides, charged and uncharged, undergo a thorough manufacturing process in a carefully controlled environment to ensure optimal tissue mounting, adhesion and staining. The slides have been developed for the Tissue-Tek® SmartWrite® Slide Printer to provide crisp high-contrast printing for best visualization of human readable information and reliable scanning of 1D/2D barcodes. Their ground corners reduce the amount of generated glass chips in and around printers and enable a cleaner and safer work environment. Charged and uncharged slides are available in 6 frosted coating colors: white, blue, green, lavender, pink, and yellow, providing an extra identifier to increase slide routing options for prioritization or separate workflow paths.

Features	Benefits
Charged slides have uniform coating of positive charge across the entire slide	Best specimen adhesion and reduced tissue loss for patient safety
Hydrophobic glass coating	Accurate section mounting and faster drying times than hydrophilic
Smooth painted surface	Reliable printing area for thermal transfer and ink jet printers, hand writing with pencils or pens Reliable identification and immediate barcode scans
Ground corners	Safe handling, less breakage reducing unneeded printer cleaning and waste
Slides are pre-cleaned and vacuum-sealed	Ready for immediate use, not sticking together, no jams, achieving uninterrupted and efficient workflow
Packaging of 100 slides per box	Convenient for easy loading into the Slide Holder of the Tissue-Tek® SmartWrite® Slide Printer
Charge and uncharged slides are available in 6 frosted coating colors	Extra identifier to increase slide routing options for prioritization or separate workflow paths

Product code	Product name and quantity
9035	Tissue-Tek® SmartWrite® White Frosted Slides; 1,000 slides/case
9036	Tissue-Tek® SmartWrite® White Frosted Slides - Charged; 1,000 slides/case
9045	Tissue-Tek® SmartWrite® Blue Frosted Slides; 100/box; 1,000 slides/case
9046	Tissue-Tek® SmartWrite® Blue Frosted Slides - Charged; 1,000 slides/case
9047	Tissue-Tek® SmartWrite® Green Frosted Slides; 100/box; 1,000 slides/case
9048	Tissue-Tek® SmartWrite® Green Frosted Slides - Charged; 1,000 slides/case
9049	Tissue-Tek® SmartWrite® Lavender Frosted Slides; 100/box; 1,000 slides/case
9050	Tissue-Tek® SmartWrite® Lavender Frosted Slides - Charged; 1,000 slides/case
9051	Tissue-Tek® SmartWrite® Pink Frosted Slides; 1,000 slides/case
9052	Tissue-Tek® SmartWrite® Pink Frosted Slides - Charged; 1,000 slides/case
9053	Tissue-Tek® SmartWrite® Yellow Frosted Slides; 1,000 slides/case
9054	Tissue-Tek® SmartWrite® Yellow Frosted Slides - Charged; 1,000 slides/case

### Specifications

<b>Application</b>	Printing human legible and barcode readable information on microscope slides
<b>Glass surface</b>	Uncharged: cleaned, not charged, hydrophobic Charged: cleaned, positively charged, hydrophobic
<b>Dimensions</b>	25 mm (W) x 75 mm (L) x 1 mm (H)
<b>Edge type</b>	Ground
<b>Corners</b>	Four corners ground at - 135° angle
<b>Frost area</b>	25 x 20 mm
<b>Frost colors</b>	White, blue, green, lavender, pink, yellow
<b>Quantity</b>	100 slides/box (vacuum-sealed), 10 boxes/case

## Tissue-Tek® Marking Pencil



### Tissue-Tek® Marking Pencil

Tissue-Tek Marking Pencils are ideal for writing on cassettes and rings. The soft-lead pencils feature smudge-resistant markings.

Product code	Product name and quantity
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4160	Tissue-Tek® Marking Pencil; 12 pencils/box, 6 boxes/case
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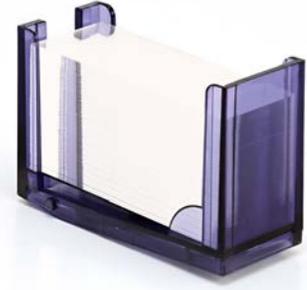
# Tissue-Tek® Glas™ Coverslips



6415



6416



6417

## The Tissue-Tek® Glas™ Coverslips with Easy Holder

Tissue-Tek Glas Coverslips provide pathologists with unprecedented viewing quality. The unique manufacturing processes result in optimal clarity, and bending strength twice that of common coverslips. They are made from high-grade glass resulting in precise flatness, size and improved mounting. The special coating treatments prevent coverslips from sticking to each other for a smooth hassle-free workflow.

Developed and optimized for the Tissue-Tek® Glas™ g2 Automated Coverslipper, the Tissue-Tek Glas Coverslips with Easy Holder come in three convenient sizes to provide you with the efficiency needed in your laboratory to accommodate different microscope slides. The Easy Holders come in three different colors prefilled with the appropriate size coverslips for easy loading on to the Tissue-Tek Glas g2 Automated Coverslipper. You can switch between coverslips of different sizes quickly: Simply replace the Easy Holder and walk away.

Features	Benefits
Prefilled coverslips in Easy Holder	Easy and efficient loading onto the Tissue-Tek® Glas™ g2 Automated Coverslipper
Three different color Easy Holders	Easy identification of different sized coverslips
Special coating and cleaning of coverslips	Prevents coverslips sticking together
Manufactured using high-grade glass	Precise flatness and size, improved mounting; the bending strength is twice that of common coverglass
Optimal clarity	Improved viewing quality
Three convenient sizes (40, 50, 60 mm)	Provide flexibility and efficiency needed in your laboratory

Product code	Product name and quantity
6415	Tissue-Tek® Glas™ Coverslips 24 x 40 mm; 200/holder, 5 holders/case
6416	Tissue-Tek® Glas™ Coverslips 24 x 50 mm; 200/holder, 5 holders/case
6417	Tissue-Tek® Glas™ Coverslips 24 x 60 mm; 200/holder, 5 holders/case

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**Cyto-Tek®  
Mailer**



<b>Product code</b>	<b>Product name and quantity</b>
4310	Cyto-Tek® Mailer; 100 mailers/pack





# Microtomy

## Automated Microtome

Tissue-Tek AutoSection®

## Manual Microtomes

Accu-Cut® SRM™ 300 *LT*

Accu-Cut® SRM™ 200

## Tissue-Tek® Accu-Edge® Blade Holders

## Tissue-Tek® Cold Plate

## Tissue-Tek® Accu-Edge® Disposable Microtome Blades

Tissue-Tek® Accu-Edge® High Profile Microtome Blades

Tissue-Tek® Accu-Edge® Low Profile Microtome Blades

Tissue-Tek® Feather® A35 Durable Low Profile  
Microtome Blades

Tissue-Tek® Feather® Paraform® Microtome Blades

# Tissue-Tek AutoSection® Automated Microtome



Patented AutoAlign™



LED safety lights



One-touch operation

## Tissue-Tek AutoSection® Automated Microtome

The Tissue-Tek AutoSection Automated Microtome is more than just a motorized microtome, it is a microtome with a brain. The Tissue-Tek AutoSection is optimized for use with Tissue-Tek® Accu-Edge® High Profile blades to conserve tissue and provide reproducible sections for advanced staining.

- Precision sectioning and consistent high quality, is now achievable for every technician, for every block and tissue type
- Saves wrists, elbows, and shoulders from unnecessary pain caused by Repetitive Motion Disorder associated with microtome hand wheel rotation
- No tedious manual adjustment—the patented AutoAlign™ feature automatically aligns the block to the blade in seconds using a 3D chuck and sensing plate, regardless of which microtome was previously used to cut the block
- Conserves tissue for molecular diagnostics and Next Gen Sequencing (NGS)
- Reduces QC rejected slides through precision sectioning
- Increases process efficiency for newer Histotechnologists
- Produces standardized reproducible sections
- Ideal for recuts; AutoAligns in seconds independent from the microtome used for H&E sectioning

## Standardized Sectioning

Tissue-Tek AutoSection is the only microtome that enables one standardized sectioning protocol for each tissue type. For research studies, consistency in sectioning matters. Tissue-Tek AutoSection produces perfect serial sections, day after day and tech after tech.

- User-defined protocols, with up to 16 steps per protocol
- Push 1 button and get consistent serial sections
- 1 protocol — all technicians produce same high-quality sections
- Reduces the number of rejected slides with standardized sectioning

Features	Benefits
AutoAlign	Saves time and tissue with block to blade auto alignment
AutoTrim	Saves time by facing blocks in 15 seconds or less
Function	Allows for microtomy at the touch of a button. Reduces Repetitive Motion Disorder in the lab
3D Chuck and Sensing Plate	Optimizes block alignment to preserve tissue during sectioning
Programmable sectioning	Standardizes sectioning throughout the lab
Wireless hand held remote control	Allows operation from either side of the instrument

Product code	Product name and quantity
5010	Tissue-Tek AutoSection® Automated Microtome, High Profile
4658	Tissue-Tek® Waste Collection Bags; 250 bags/case
4685	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 10 dispensers, 50 blades each/case
4685-50	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 1 dispenser, 50 blades/box
4689	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4689-50	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 1 dispenser, 50 blades/box
4980	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 10 dispensers, 50 blades each/case, ideal for hard tissue
4980-50	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 1 dispenser, 50 blades/box, ideal for hard tissue

Product code	Product name and quantity
7089	Tissue-Tek® Feather® Paraform® Microtome Blades; 1 dispenser, 50 blades/box, ideal for Tissue-Tek Paraform Sectionable Cassettes
7089-50	Tissue-Tek® Feather® Paraform® Microtome Blades; 10 dispensers, 50 blades each/case, ideal for Tissue-Tek Paraform Sectionable Cassettes

## Specifications

<b>Dimensions</b>	16.5 (W) x 26.4 (D) x 17.4 (H) inches 42.0 (W) x 67.0 (D) x 44.0 (H) cm
<b>Weight</b>	121 lbs (55 kg)
<b>Power requirements</b>	115 VAC +/- 10%, 50/60 Hz, single phase, 7.1 A
<b>Administrator access</b>	Password protected
<b>Section thickness</b>	0.5 – 100 microns
<b>Trimming thickness</b>	1 – 200 microns
<b>Retraction distance</b>	No retraction, 20-100 microns
<b>Sectioning speed</b>	10 - 450 mm/second
<b>Trimming speed</b>	10 - 450 mm/second
<b>Return speed</b>	10 - 450 mm/second
<b>Typical vertical stroke</b>	5.2 inches (132 mm)
<b>Typical horizontal stroke</b>	0.37 inches (9.4 mm)
<b>Number of presets</b>	Up to 15
<b>Number of protocol steps</b>	Up to 16
<b>Number of user preferences</b>	Up to 32
<b>3D Chuck/Specimen Holder</b>	Vertical and horizontal axes adjustment range ± 4°
<b>3D Chuck/Specimen Holder angle resolution</b>	0.05°
<b>Blade angle</b>	Fixed
<b>Alignment to the blade edge</b>	±0.05°
<b>Alignment distance to the blade</b>	+/-10 microns
<b>User interface display</b>	4.3" color LCD touchscreen with 480 x 272 pixels
<b>Remote</b>	Bluetooth® wireless remote
<b>Data interface</b>	USB 2.0
<b>Regulatory status</b>	IVD, FDA Class I

# Accu-Cut® SRM™ 300 LT Manual Microtome



## Accu-Cut® SRM™ 300 LT Manual Microtome

The Accu-Cut SRM 300 LT is manufactured in Torrance, CA and is the first and only manual microtome with innovative features designed to make paraffin embedded tissue samples much easier to see and safer to section.

The multi-color LED backlight chuck increases contrast between specimens and paraffin so users can see exactly where the tissue is located to prevent cutting through a small biopsy or previously sectioned block.

The Accu-Cut SRM 300 LT features a 3D Precision Chuck for accurate alignment of the block face to the blade on all three axes (XYZ), which is crucial for recuts. The sturdy chuck retains its position when locked and unlocked, eliminating any time and effort spent realigning the cutting angle. The 3D Precision Chuck can quickly and accurately be returned to a zero position with the dial indicators.

The compact and ergonomic design helps to minimize cumulative stress on the user and increases both efficiency and productivity. The course hand wheel is optimally-sized and positioned for comfortable trimming in either clockwise or counterclockwise rotation and is switchable by the user.

The Accu-Cut SRM 300 LT includes many exclusive features that reduce the risk of accidental injuries associated with blade exposure:

- The first and only Brake Lock Indicator that displays that the chuck is locked and will not move while the user interacts with the microtome, providing users with peace-of-mind
- The Red Blade Guard can be set in the UP position to protect the user from accidental exposure to the blade edge while sectioning
- A Universal Blade Holder base, featuring lateral displacement, allows operators to use the full length of the microtome blade without releasing the blade clamping mechanism or direct blade manipulation
- The Accu-Cut SRM 300 LT is the first and only microtome to offer a space-saving Tool Organizer giving back precious bench space
- Compatible with Accu-Edge® Disposable Blades, the Accu-Cut SRM 300 LT ensures superior sectioning in the precise art of cutting quality tissue samples section after section, time after time

Features	Benefits
Multi-color LED Backlit Chuck	Increases contrast between specimens and paraffin to show where the tissue is, to prevent cutting away a small biopsy Ability to create many colors by mixing the color intensities of 4 colors (white, red, green, blue) to contrast the specimen against cassette and paraffin
3D Precision Chuck	Accurate alignment of the block face to the blade, which is crucial for recuts Retains position when locked and unlocked Quick and precise fine angle adjustments on all 3 axes (XYZ)
User selectable Course Advance Wheel	User selectable in either clockwise or counter clockwise rotation
Adjustable Trimming Lever	Advances the chuck 10 or 40 microns with each hand wheel rotation
Hand Wheel	Smooth-running and conveniently positioned to reduce arm fatigue
Brake Lock Indicator	Displays when the chuck is in locked position
Universal Blade Holder Base	Accepts both Low and High Profile blades
Red Blade Guard	Lateral displacement for full utilization of the blade
Waste Tray	Protects user from accidental exposure to the blade

Product code	Product name and quantity
1300L	Accu-Cut® SRM™ 300 LT Manual Microtome (Retracting) with Low Profile Blade Holder
1300H	Accu-Cut® SRM™ 300 LT Manual Microtome (Retracting) with High Profile Blade Holder
1300NL	Accu-Cut® SRM™ 300 LT Manual Microtome (Non-Retracting) with Low Profile Blade Holder
1300NH	Accu-Cut® SRM™ 300 LT Manual Microtome (Non-Retracting) with High Profile Blade Holder
1302	Accu-Cut® SRM™ Universal Cassette Clamp with LED backlight
1303	Accu-Cut® SRM™ Tool Organizer
1304	Accu-Cut® SRM™ Waste Tray
1305	Accu-Cut® SRM™ Maintenance Kit; 3 Allen keys, 1 Phillips-Head screwdriver, 1 grease cartridge/kit
1306	Accu-Cut® SRM™ Blade Holder Assembly
4658	Tissue-Tek® Waste Collection Bags; 250 bags/case
4685	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 10 dispensers, 50 blades each/case
4685-50	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 1 dispenser, 50 blades/box
4689	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4689-50	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 1 dispenser, 50 blades/box
4980	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 10 dispensers, 50 blades each/case, ideal for hard tissue
4980-50	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 1 dispenser, 50 blades/box, ideal for hard tissue
7089	Tissue-Tek® Feather® Paraform® Microtome Blades; 1 dispenser, 50 blades/box, ideal for Tissue-Tek Paraform Sectionable Cassettes
7089-50	Tissue-Tek® Feather® Paraform® Microtome Blades; 10 dispensers, 50 blades each/case, ideal for Tissue-Tek Paraform Sectionable Cassettes

## Specifications

<b>Application</b>	Sectioning of paraffin-embedded specimen blocks for routine and research histology
<b>Dimensions</b>	16.5 (W) x 20.7 (D) x 11.8 (H) inches 41.9 (W) x 52.5 (D) x 30.0 (H) cm
<b>Weight</b>	68.0 lbs (30.8 kg)
<b>Power requirements for LED light</b>	External AC/DC power supply: 100-240 VAC, 50/60 Hz, 0.5 A Instrument: 12 VDC, 0.3 A
<b>Section thickness</b>	1 to 40 microns 1 to 10 microns in 1 micron increments 10 to 20 microns in 2 micron increments 20 to 40 microns in 5 micron increments
<b>Trimming thickness lever</b>	10 or 40 microns
<b>Retraction distance</b>	No retraction or 20 microns (factory set)
<b>Vertical stroke</b>	64 mm
<b>Horizontal stroke</b>	26.9 mm
<b>Coarse hand wheel</b>	User switchable: clockwise or counter clockwise
<b>Specimen orientation using the 3D Precision Chuck</b>	±8° (XYZ axes) Dial indicators show the exact angle of the chuck
<b>LED backlit chuck</b>	4 color LED backlight (white, red, green and blue) with user-adjustable intensity for each color, on or off option
<b>Blade angle</b>	0 to 10°
<b>Blade holder base: north/south (vertical direction) east/west (horizontal direction)</b>	25 mm 60 mm
<b>User interface display</b>	Key pad to control the LED backlight Brake light indicator
<b>Certifications</b>	UL61010-1:2012 Ed. 3, UL61010-2-101:2015 Ed. 2, CSA C22.2 61010-1:2012 Ed. 3, CSA C22.2 61010-2-101:2015 Ed. 2, IEC61010-1:2012 Ed. 3, IEC61010-2-101:2015 Ed. 2, IEC 61326-1, IEC61326-2-6
<b>Regulatory status</b>	IVD, FDA Class I

# Accu-Cut® SRM™ 200 Rotary Microtome



## Accu-Cut® SRM™ 200 Rotary Microtome

The Accu-Cut SRM 200 Rotary Microtome is a reliable manual rotary microtome developed for all applications of paraffin and hard specimens in clinical, research, and industrial laboratories. This instrument displays extraordinary ergonomic characteristics for comfortable operation while maintaining reproducible precision during sectioning. The Accu-Cut SRM 200 Rotary Microtome has various settings for trimming. The specimen retraction function allows section ribbons to be formed immediately and more easily.

Sakura Finetek offers, together with the Accu-Edge® Disposable Microtome Blades, a full range of cutting edge solutions for microtomy purposes.

The Accu-Cut SRM 200 Rotary Microtome is supplied with a complete package of accessories, ready to be used immediately after installation.

Features	Benefits
Three axis (x,y,z) specimen orientation	Allows flexibility for sectioning different specimen types
Smooth-running hand wheel	Provides optimal tactile response
Specimen trimming feature	Speeds up productivity
Lateral displacement of blade holder base	Enables better sectioning
With or without specimen retraction	Provides workflow flexibility

Product code	Product name and quantity
1429	Accu-Cut® SRM™ 200 Rotary Microtome (Retracting)
1429N	Accu-Cut® SRM™ 200 Rotary Microtome (Non-retracting)
1434	Accu-Cut® SRM™ 200 Blade Holder Base Assembly
1469	Accu-Cut® SRM™ 200 Blade Holder for High Profile Disposable Blades
1435	Accu-Cut® SRM™ 200 Blade Holder for Low Profile Disposable Blades
1436	Accu-Cut® SRM™ 200 High-Profile Back Plate (part of item 1469)
1437	Accu-Cut® SRM™ 200 Low-Profile Back Plate (part of item 1435)
1438	Accu-Cut® SRM™ 200 3-Axis Orientation Attachment for Clamp
1439	Accu-Cut® SRM™ 200 Universal Cassette Clamp with Adapter
1440	Accu-Cut® SRM™ 200 Maintenance Kit
1442	Accu-Cut® SRM™ 200 Knife Holder N Assembly for Steel Knives
1444	Accu-Cut® SRM™ 200 Specimen Clamp 40 x 40 mm
1445	Accu-Cut® SRM™ 200 Super Mega-Cassette™ Clamp 50 x 55 mm
1447	Accu-Cut® SRM™ Microtome Oil; 1 bottle, 50 mL
4657	Tissue-Tek® Microtome Waste Collection System; 1 tray and 25 bags/kit
4658	Tissue-Tek® Waste Collection Bags; 250 bags/case
4685	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 10 dispensers, 50 blades each/case
4685-50	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 1 dispenser, 50 blades/box
4689	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4689-50	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 1 dispenser, 50 blades/box

## Specifications

<b>Dimensions</b>	15.8 (W) x 18.5 (D) x 11.6 (H) inches 40.0 (W) x 47.0 (D) x 29.0 (H) cm
<b>Weight</b>	64 lbs (29 kg)
<b>Section thickness range</b>	0.5 - 60 microns
<b>Specimen retraction</b>	220 microns
<b>Trimming steps</b>	10 microns, 50 microns
<b>Displacement of blade holder base</b>	Vertical and horizontal directions
<b>Compatible blade types</b>	<ul style="list-style-type: none"> <li>• Disposable high- and low-profile steel knives</li> <li>• Disposable high- and low-profile blades</li> <li>• Reusable steel knives</li> </ul>
<b>Regulatory status</b>	IVD, FDA Class I

## Tissue-Tek® Accu-Edge® Blade Holders



### Tissue-Tek® Accu-Edge® Blade Holders

These disposable blade holders are usable in various steel knife holders. Provides the customer with a inexpensive alternative for using the Accu-Edge® Disposable Microtome Blades instead or in combination with steel knives.

Product code	Product name and quantity
4687	Tissue-Tek® Accu-Edge® Microtome Blade System*; 1 holder and 50 blades/kit
4683	Tissue-Tek® Accu-Edge® Heavy Duty Blade System*; 1 holder and 50 blades/kit

\*Can only be used for the Low-Profile Blades

## Tissue-Tek® Cold Plate



### Tissue-Tek® Cold Plate

For use in chilling and preparing paraffin blocks for sectioning on a microtome and as a cold tray for other laboratory procedures. Polystyrene top and base are molded together for a tight seal. Freezes in approximately 4 hours in a conventional freezer. Surface remains cool for up to 3 hours. Six cold plates and one insulator base per package.

Product code	Product name and quantity
4650	Tissue-Tek® Cold Plate; 4 sets, each 6 Cold Plates, 1 Insulator Base/case

# Tissue-Tek® Accu-Edge® Disposable Microtome Blades

Product code	Soft tissue	Hard tissue	Cryostat	Thin sectioning	Ribboning	Dimensions mm (T x W x L)	Blade angle
4685	●	○			●	0.31 x 14 x 75.7	35°
4689	●		○	○		0.254 x 8 x 80	35°
4980	○	●	○			0.254 x 8 x 80	35°
7089	●			●	○	0.24 x 8 x 80	22°

● = Best ○ = Good



4685



4689



4980



7089

## Tissue-Tek® Accu-Edge® Disposable Microtome Blades

Tissue-Tek Accu-Edge Blades have earned their reputation as the premium disposable microtome blade in the market. Tissue-Tek Accu-Edge blades are manufactured in a rigidly controlled environment using the highest quality grade of stainless steel available, state-of-the-art manufacturing technology, and special processes refined over the last 35

years. Histotechnologists insist on Tissue-Tek Accu-Edge blades because they can count on them year after year, blade after blade, cut after cut. When precision and unsurpassed sharpness matter, no other blade will do. Tissue-Tek Accu-Edge high performance disposable microtome blades section any kind of tissue without striation, distortion, or chattering.

Features	Benefits
Consistent durability	Cuts more blocks per blade
Unique coating	Reduces friction when sectioning hard or dense tissues
Ultra sharp blade edge	Provides uniform, consistent sectioning
Low Profile blade cartridge with pilot pen	The exclusive sliding dispense and Pilot Pin enable the user to safely insert a blade into the blade holder without touching it
Storage compartment	Safely stores used blades
Universal blade	Fits all standard blade holders

**Product code**    **Product name and quantity**

4685	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 10 dispensers, 50 blades each/case
4685-50	Tissue-Tek® Accu-Edge® High Profile Microtome Blades; 1 dispenser, 50 blades/box
4689	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 10 dispensers, 50 blades each/case
4689-50	Tissue-Tek® Accu-Edge® Low Profile Microtome Blades; 1 dispenser, 50 blades/box
4980	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 10 dispensers, 50 blades each/case, ideal for hard tissue
4980-50	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 1 dispenser, 50 blades/box, ideal for hard tissue
7089	Tissue-Tek® Feather® Paraform® Microtome Blades; 10 dispensers, 50 blades each/case, ideal for Tissue-Tek® Paraform® Sectionable Cassettes
7089-50	Tissue-Tek® Feather® Paraform® Microtome Blades; 1 dispenser, 50 blades/box, ideal for Tissue-Tek® Paraform® Sectionable Cassettes





# Primary and special staining

## Automated slide stainers

Tissue-Tek Prisma® *Plus*

Histo-Tek® SL Slide Stainer

Histo-Tek® Mini Stainer

## Stain Kit

Tissue-Tek Prisma® H&E Stain Kit #1

## Manual slide staining

Tissue-Tek® Manual Slide Staining Set

## Tissue-Tek Prisma® Plus Automated Slide Stainer



### Tissue-Tek Prisma® Plus

The Tissue-Tek Prisma *Plus* remains the highest throughput stainer with up to 530 slides per hour while still producing consistent high quality slides. Enhanced features include barcode scanning and documentation, reagent grouping and Tissue-Tek® *iSupport*™ Service Link with remote diagnostics providing peace of mind.

To help with CAP compliance, users can now scan the barcode of the Tissue-Tek Prisma® H&E Stain Kit #1 and automatically log the information of its components. The Tissue-Tek Prisma *Plus* stores and documents the expiration date and time reagents were loaded on the instrument so you can be alerted when to change reagents, which provides another level of patient safety.

The Tissue-Tek Prisma *Plus* utilizes efficient robotics and intuitive software to run multiple protocols simultaneously. With the flexible choice of 50 stain component color assignments, running H&E, PAP or Special Stains has never been easier. Users can better visually differentiate the stain components and their location within the stainer. Various stains running in parallel are easily customizable with the choice of 50 user defined staining protocols, meeting the demands of any pathologist.

Connecting the Tissue-Tek Prisma *Plus* with the Tissue-Tek Film® Coverslipper or Tissue-Tek® Glas™ *g2* Coverslipper creates an integrated, fully automated walkaway staining process from slide drying to slide coverslipping. Laboratories can now further increase productivity, especially appreciated during daily peak demand hours, further reducing user stress levels by forwarding high quality stained and coverslipped slides to the pathologists faster.

Product code	Product name and quantity
6170	Tissue-Tek Prisma® <i>Plus</i> Standard Configuration
6171	Tissue-Tek Prisma® <i>Plus</i> Special Staining Configuration

Features	Benefits
Barcode Reader	Records and tracks reagent usage and alerts user before their expiration
Slide count tracking	Prompts reagent change alert
Tissue-Tek® iSupport™ Service Link	Helps resolve issues quicker and remotely
STAT	Prioritizes runs over standard workload
Precise operations	Standardizes staining with full control by user
Standard and Expanded configurations	Allows for customization of multiple protocols (H&E, PAP, Special Stains, dewaxing, rehydration, dehydration, etc.)
Continuous loading	Decreases turnaround time (TAT)
Capacity for parallel runs	Run H&E, specials, dewaxing, rehydration, dehydration at the same time
Splitting of reagents and grouping of reagent stations	Doubles the number of slides until a reagent needs replacement
2 Drying stations	Simplifies workflow, reducing the number of steps
50 color choice for reagents	Eases the identification of reagents, especially appreciated in parallel runs with reagents that cannot be shared between the stain protocols
Activated carbon filters and venting kit	Improves the safety of lab personnel
Connectivity to Sakura Finetek coverslippers	Creates an integrated, fully automated walk-away staining - coverslipping process from slide baking to slide drying
52+ weeks mean time between repairs	Reduces stress caused by downtime



Touchscreen programming



Barcode Reader



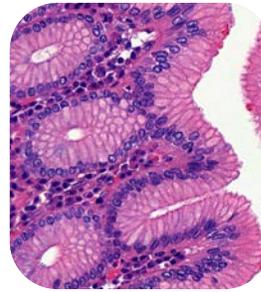
Link to coverslipper

Product code	Product name and quantity
4768	Tissue-Tek® Slide Baskets; 10 baskets/box
6135	Tissue-Tek Prisma® 20-Slide Basket Load/Unload Adapter
6136	Tissue-Tek Prisma® 20-Slide Basket Adapter
6137	Tissue-Tek Prisma® 10-Slide Basket; 4 baskets/pack
6138	Tissue-Tek Prisma® 10-Slide Basket Adapter
6139	Tissue-Tek Prisma® 10-Slide Basket Load/Unload Adapter
6140	Tissue-Tek Prisma® Special Stain Solution Reservoir; 160 mL
6141	Tissue-Tek Prisma® Heated Solution Reservoir
6144	Tissue-Tek Prisma® Lid for Special Stain Solution Reservoir
6145	Tissue-Tek Prisma® Small Solution Reservoir; 260 mL
6146	Tissue-Tek Prisma® Lid for Small Solution Reservoir
6147	Tissue-Tek Prisma® Standard Solution Reservoir; 680 mL
6148	Tissue-Tek Prisma® Standard Solution Reservoir with Handle; 680 mL
6149	Tissue-Tek Prisma® Wash Reservoir
6151	Tissue-Tek Prisma® Lid for Standard Solution Reservoir
6160	Tissue-Tek Prisma® Activated Carbon Filter; 2 filters/box
6161	Tissue-Tek Prisma® Station Labels, START, END, PE
6162	Tissue-Tek Prisma® Basket Adapter Label
6163	Tissue-Tek Prisma® Control Panel Protection Sheet
6164	Tissue-Tek Prisma® Compact Flash Card; 128 MB
6165	Tissue-Tek Prisma® Duct Connection Adapter; 38 mm
6166	Tissue-Tek Prisma® Duct Connection Adapter; 75 mm
6180	Tissue-Tek Prisma® 3-Position Reservoir Tray (2-phase stainless)
6181	Tissue-Tek Prisma® Large Lid, 3-Position Reservoir Tray (2-phase stainless)
6182	Tissue-Tek Prisma® 4-Position Reservoir Tray (2-phase stainless)
6183	Tissue-Tek Prisma® Large Lid, 4-Position Reservoir Tray (2-phase stainless)
6185	Tissue-Tek Prisma® Special Stain Reservoir Tray (2-phase stainless)

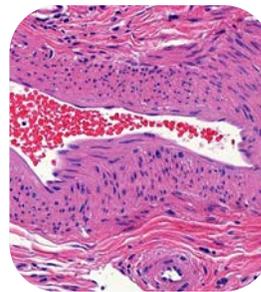
## Specifications

<b>Dimensions</b>	49.2 (W) X 28.0 (D) X 25.0 (H) inches 125 (W) X 71 (D) X 63 (H) cm
<b>Weight</b>	330 lbs (150 kg)
<b>Power requirements</b>	115 VAC +/- 10%, 50/60 Hz 6170 - 9.0 A 6171 - 10.0 A
<b>Throughput</b>	Up to 530 slides per hour
<b>Number of reservoirs</b>	Start: 1 to 3 stations Reagent: 31 to 51 reservoirs Drying: 0 to 2 stations Wash: 0 to 4 stations (8 programmable steps) Heating (optional): 2 stations
<b>Capacity</b>	Reagent volume: 160, 260 and 680 mL Staining protocols: 11 runs continuously loading, and simultaneously running Baskets - 10 or 20 slide basket Loading - Up to 60 slides per run
<b>Temperature</b>	Drying station - 86 - 149°F (30 - 65°C) Heating station - 86 - 158°F (30 - 70°C)
<b>Heating</b>	2 stations
<b>Staining</b>	Up to 50 protocols
<b>Security</b>	Door and cover
<b>Certifications</b>	IEC 61010-1 2nd ed., CAN/CSA-C22.2 61010-1, UL 61010-1
<b>Regulatory status</b>	IVD, FDA Class I

## Tissue-Tek Prisma® H&E Stain Kit #1



Intestinal tissue processed  
on Tissue-Tek VIP 6 AI



Ovarian tissue processed  
on Tissue-Tek VIP 6 AI

### Tissue-Tek Prisma® H&E Stain Kit #1

The Tissue-Tek Prisma H&E Stain Kit #1 is the first and only H&E kit specifically designed for the Tissue-Tek Prisma® line of stainers. Stain up to 2,500 slides with a throughput of up to 530 slides per hour while maintaining consistent staining quality.

The kit specifically designed for the Prisma line of stainers, consists of 6 ready-to-use bottles (1 each hematoxylin and eosin, 2 each differentiator and bluing reagent) which eliminates the need to measure or dilute reagents while maintaining the highest quality stain.

The optimized staining with Sakura Finetek's validated protocol, provided with the kit, means meeting reproducible results that pathologists demand from the first to last slide. The perfectly matched Tissue-Tek Prisma H&E Stain Kit is QC-tested assuring lot-to-lot stain consistency. Only Biological Stain Commission certified dyes are used in the manufacturing process, ensuring the highest quality components.

Convenience and user safety were a top priority with the patented, custom-designed bottle. The ergonomic grips and wide bottle opening reduce spill risk for fast and

splash-free filling of the solution reservoir. The user-friendly color-coded labels and bottle caps match the colors of the solution configuration of the Tissue-Tek Prisma® *Plus* and help avoid filling mistakes.

The kit and its components are barcoded to enable scanning of their lot numbers and expiration dates for convenient documentation. The new barcode reader on the Prisma *Plus* stainer enables linking a basket of patient slides to a specific stain kit lot number easier. Up to 1,000 barcodes can be saved on the Prisma *Plus* stainer to help comply with laboratory accreditation requirements.

The combination of the Tissue-Tek Prisma H&E Stain Kit #1 and the Tissue-Tek Prisma *Plus* Automated Slide Stainer enables the fastest throughput of up to 530 slides per hour. Adding and connecting the Prisma stainer to either a Tissue-Tek Film® or Tissue-Tek® Glas™ *g2* coverslipper, creates a true-walkaway system to further increase your productivity. The Prisma *Plus* open platform provides the ability to run additional PAP, IHC counterstaining, dewaxing, special stains, or customized protocols to meet the needs of your laboratory.

Features	Benefits
Ready-to-Use reagents	Eliminates the need to measure, mix, dilute, or filter reagents
Stain up to 2,500 slides	Reduces reagent exchanges, saves time and money
Last slide looks like the first slide	Consistent and reproducible results that pathologists demand
Barcoded kit and components	Enables linking a basket of patient slides to a specific stain kit and maintain records
Ergonomic bottle	More secure handling to minimize spills
Optimized protocol	Provides reproducible results at a higher throughput
Color-coded caps, bottle and reservoir labels	Simplifies the safe exchange of reagents on the instrument
Reagent Manager	Alerts when to replace stain reagents, eliminating the guesswork



Barcode Reader



Kit is designed for all Tissue-Tek Prisma® line of stainers

Product code	Product name and quantity
6190*	Tissue-Tek Prisma® H&E Stain Kit #1; 1 bottle Hematoxylin, 750 mL, 1 bottle Eosin, 850 mL, 2 bottles Differentiator, 750 mL each, 2 bottles Bluing Reagent, 750 mL each/kit
6179	Tissue-Tek Prisma® Plus Barcode Reader

Sakura Finetek USA has developed a novel way to simulate protocol changes related to the incubation time of hematoxylin and eosin and the stain response of 4 tissue types and 2 tissue processing methods, using Tissue-Tek VIP 6 AI, Tissue-Tek Xpress x120.

Please visit the Tissue-Tek Prisma H&E Stain Grid at: <https://he.tissuetek.cloud>

### Specifications

<b>Application</b>	Hematoxylin and eosin staining
<b>Components</b>	The kit contains: Hematoxylin, 1 bottle Eosin, 1 bottle Differentiator, 2 bottles Bluing Reagent, 2 bottles
<b>Volume</b>	750 mL per bottle of Hematoxylin, Differentiator, Bluing Reagent 850 mL per bottle of Eosin
<b>Stain capacity</b>	Up to 2,500 slides, protocol-dependent
<b>Validated stain protocols</b>	For Tissue-Tek Prisma® Automated Slide Stainer and Tissue-Tek Prisma® Plus Automated Slide Stainer
<b>Shelf life</b>	Unopened: 18 months from date of manufacture
<b>Regulatory status</b>	IVD, FDA Class I

**\*WARNING:** This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Histo-Tek® SL Slide Stainer



## Histo-Tek® SL Slide Stainer

The Histo-Tek SL Slide Stainer standardizes the staining process to optimize quality while reducing errors. The Histo-Tek SL Slide Stainer allows for up to 15 programmable staining protocols with up to 35 steps. The multi-directional robotic arm allows for either progressive or regressive staining protocols and the 20 or 30-slide racks option makes it ideal for low to medium volume laboratories. It is a simple and intelligent instrument for unsurpassed productivity - slide after slide. Additional relevant features include: built-in fume extraction to improve lab staff safety, special stain reservoirs to run H&E or special stains, and an easy exchange of protocols through USB to standardize protocols throughout the lab while using multiple units. Its small footprint of 33 W x 31 D x 16 H inches fits on standard lab countertops.

Features	Benefits
Compact footprint	Fits on any laboratory workbench
Continuous load	Increases throughput
Special stain reservoirs	Enables user to run H&E or special stains and reduces reagent volumes and costs
User-friendly display	Contrast can be adjusted to obtain clearest text based on the users' viewing angle
User-defined programming	Supports standardization of staining with full control
Built-in fume extraction	Improves safety of laboratory personnel
USB data port	Easy exchange of protocols throughout the lab

## Product code    Product name and quantity

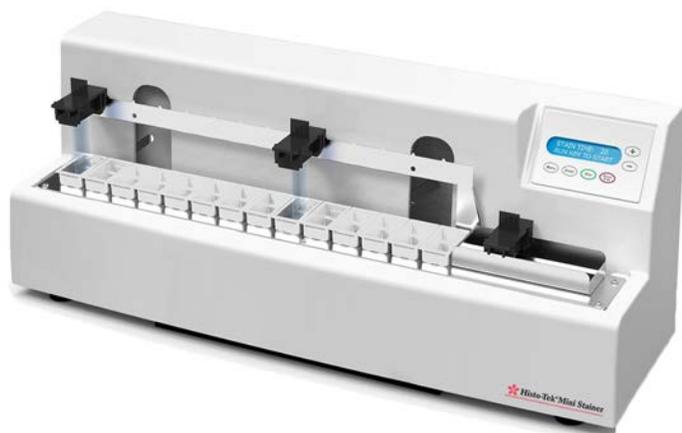
1900	Histo-Tek® SL Slide Stainer
1901	Histo-Tek® SL 30-Slide Basket; 4 baskets/box
1902	Histo-Tek® SL 30-Slide Basket Adapter
1903	Histo-Tek® SL 20-Slide Basket Adapter
1905	Histo-Tek® SL Solution Reservoir; 350 mL
1906	Histo-Tek® SL Wash Reservoir; 350 mL
1907	Histo-Tek® SL Reservoir Lid; 350 mL
1908	Histo-Tek® SL Special Stain Reservoir
1909	Histo-Tek® SL 10-Slide Basket Adapter
1910	Histo-Tek® SL Drain Hose
1911	Histo-Tek® SL Water Supply Hose Set
1912	Histo-Tek® SL Carbon Filter; 2 filters/box
1913	Histo-Tek® SL Exhaust Adapter and Hose

## Specifications

<b>Applications</b>	H&E, special stains, PAP, frozen sections
<b>Dimensions</b>	32 (W) x 31 (D) x 16 (H) inches 81 (W) x 79 (D) x 41 (H) cm
<b>Weight</b>	55 lbs (25 kg)
<b>Power requirements</b>	100 to 230 VAC (+/- 10 V), 50/60 Hz, 1 A 100 W maximum
<b>Number of reservoirs</b>	Start    1 station Reagent 22 reservoirs Wash    2 stations
<b>Capacity</b>	Reagent volume: 350 mL Staining protocols: 4 runs continuously loading, and simultaneously running Baskets: 20 or 30 slide basket Loading: Up to 30 slides per run
<b>Certifications</b>	IEC 61010-1 2nd Ed.
<b>Regulatory status</b>	IVD, FDA Class I

## Histo-Tek® Mini Stainer

### Linear Slide Stainer



### Histo-Tek® Mini Stainer

The Histo-Tek Mini Stainer standardizes the staining process for optimal quality and consistency. This small, robust linear stainer is created to meet your laboratories demands. Ideal for several types of samples including Mohs, frozen sections, special stains and FNAs. Its continuous loading allows the Histo-Tek Mini Stainer to keep up with your laboratory demands with true walkaway convenience allowing you to focus on other tasks.

The small 50 mL reagent containers not only reduce cost but also minimize reagent waste and with up to 3 running water stations, you are assured of crisper specimen staining. The simple to use keypad allows you to program within minutes with key parameter adjustments such as time, agitation, and start position. Fume cover and activated carbon filter are standard features to ensure laboratory personnel safety. Designed with flexibility in mind, its small footprint of 24.5 (W) x 8.5 (D) x 11.0 (H) inches fits on any laboratory workbench.

Features	Benefits
Automated staining	Eliminates labor-intensive hand staining
Standardizes the staining process	Provides optimal quality
Continuous loading	Keeps up with lab demand
Collection tank holds 16 slides	Allows walkaway convenience
Up to 4 slides per carrier	Allows for multiple tissue levels
50 mL containers	Minimizes reagent waste and reduces cost
Up to 3 rinse stations	Clean water for crisp specimen staining
Fume cover and filter	Protects lab personnel
Keypad display	Simple-to-use
Compact footprint	Fits on any laboratory workbench

## Tissue-Tek® Manual Slide Staining Set



Product code	Product name and quantity
1920	Histo-Tek® Mini Stainer
1921	Histo-Tek® Reagent Container; 6 containers/box
1922	Histo-Tek® Slide Carrier; 4 carriers/box
1923	Histo-Tek® Rinse Station Set; 1 each rinse station, rinse nozzle, fitting, tubing/kit
1924	Histo-Tek® Rinse Tubing, 48" long
1912	Histo-Tek® SL Carbon Filter; 2 filters/box
1930	Histo-Tek® Exit Tank
1933	Histo-Tek® Reagent Container Cover

### Specifications

<b>Dimensions</b>	24.5 (W) x 8.5 (D) x 11 (H) inches 62 (W) x 22 (D) x 28 (H) cm
<b>Unit weight without reagents, unpacked</b>	Approximately 35 lbs (16 kg)
<b>Power requirements</b>	100 to 240 VAC +/- 10%, 50 to 60 Hz, 1 A
<b>User safety</b>	Fume hood, activated carbon filter
<b>Staining time</b>	2 to 300 seconds, same time for all stations
<b>Loading capacity</b>	Maximum 4 slide carriers
<b>Reagent stations</b>	Maximum 14
<b>Rinse stations</b>	Up to 3 (with 3 rinse stations, 11 reagent stations are available)
<b>Reagent container volume</b>	50 mL
<b>Slide carrier capacity</b>	Maximum 4 slides per carrier
<b>Exit tank capacity</b>	Maximum 16 slides (4 slide carriers)
<b>Certifications</b>	UL, cUL, CE IEC 61010 classification Protective class 1 Pollution degree 2 Overvoltage installation category II
<b>Regulatory status</b>	IVD, FDA Class I

### Tissue-Tek® Manual Slide Staining Set

The Tissue-Tek Manual Slide Staining Set can be used for histological or cytological staining procedures. The set provides simultaneous use of up to 12 solution wells, each deep enough to permit total immersion of 2.5 to 7.6 cm slides. The tamped metal frame is solvent-resistant, with a snap-locking cover that prevents spills. 10 white polypropylene dishes and two green solvent-resistant dishes are included. Tight-fitting lids for each solution dish help eliminate evaporation. Comes complete with 12 dishes and lids, a 12-unit metal carrier, and a drain tray cover. Accessories for the Tissue-Tek Manual Slide Staining Set include green and white staining dishes and a 24-Slide Holder with Handle.

Product code	Product name and quantity
4451	Tissue-Tek® Manual Slide Staining Set; 10 white, 2 green staining dishes with lids, and 1 tray/kit
4456	Staining Dish, Green with Lid; 12 staining dishes/box
4457	Staining Dish, White with Lid; 12 staining dishes/box
4465	24-Slide Holder with Handle; 6 sets, each 1 slide holder and handle/case





# Coverslipping

## Automated Coverslippers

Tissue-Tek Film® Automated Coverslipper

Tissue-Tek® Glas™ g2 Automated Coverslipper

## Film

Tissue-Tek® Coverslipping Film

## Mounting Medium

Tissue-Tek® Glas™ Mounting Medium

## Coverslips

Tissue-Tek® Glas™ g2 Coverslips

## Tissue-Tek Film® Automated Coverslipper



### The clear choice

The Tissue-Tek Film® Coverslipper is the fastest and only Film coverslipper in the world capable of connecting to the Tissue-Tek Prisma® *Plus* stainer to increase laboratory productivity. With over 3 billion slides coverslipped with our xylene activated adhesive-backed Tissue-Tek® Coverslipping Film, now in its 5<sup>th</sup> generation, the Tissue-Tek Film Coverslipper is the clear choice for laboratories worldwide for over 30 years.

The Tissue-Tek Film Coverslipper's unprecedented throughput of up to 1,080 slides per hour remains unmatched. Moreover, its fast drying time minimizes the long wait time to air-dry trays of coverslipped slides. This results in users providing clean high quality dried slides to the pathologists faster.

Whether standalone or connected to the Tissue-Tek Prisma or Tissue-Tek Prisma *Plus* stainer, the Tissue-Tek Film Coverslipper's unload carousel holds up to 240 slides, providing on-board storage and minimizing frequency of unloading small batches of coverslipped slides. Connecting the Tissue-Tek Film Coverslipper to the Tissue-Tek Prisma *Plus* stainer creates an integrated, fully automated walkaway staining process from slide baking to slide drying.

The Coverslipping Film is validated for use with the Hologic® Thin Prep® Stain Plus Imaging System. It is also ideal for slide scanning and digital imaging, and found to scan 3.7% faster than glass.

Film coverslipped slides have been shown to have less artifacts after 10 years of storage compared to glass coverslipped slides!<sup>1</sup>

Features	Benefits
Quick drying	Provides high quality dried slides to pathologist faster
Barcode Reader	Tracks slide identifiers linked to patients which complies with CAP requirements
Link to Tissue-Tek Prisma and Prisma Plus	Creates an integrated, fully automated walk-away staining-coverslipping process from slide baking to slide drying
Large 240 slide unload station	Optimizes workflow efficiency
Coverslip length can be changed on the fly	Options of 45, 50, 55, or 60 mm provide flexibility for any application
Audible alerts	Help notify staff when slides are ready
Charcoal filters and venting	Protects laboratory personnel

Product code	Product name and quantity
4740	Tissue-Tek Film® Coverslipper
4743	Tissue-Tek Film® Coverslipper with Barcode Reader
6508	Tissue-Tek® Barcode Reader System for Coverslippers; 1 each Scanner, Mini Velocity, Sd, USD +I/O, 5 VDC Q-Mode, SP Cable/kit
6134	Tissue-Tek Prisma® Link for Tissue-Tek Film® Coverslipper
4770*	Tissue-Tek® Coverslipping Film; 60 m/roll, 5 rolls/case
4772	Tissue-Tek® SCA™ Coverslipping Film Cutter Blades; 5 cutter blades/pack
6160	Tissue-Tek Prisma® Activated Carbon Filter; 2 filters/box
4745	Tissue-Tek Film® Solvent Bottle, 500 mL
4746	Tissue-Tek Film® Solvent Bottle Cap
4748	Tissue-Tek Film® Waste Bottle; 200 mL
4749	Tissue-Tek Film® Cap for Waste Bottle
4750	Tissue-Tek Film® Exhaust Duct Adapter 38 mm
4751	Tissue-Tek Film® Exhaust Duct Adapter 75 mm

\*See NSH 2019 poster presentation “No difference in scan speed and stain quality comparing Film vs. glass coverslipped slides” at [www.sakuraus.com](http://www.sakuraus.com) or [No difference in scan speed and stain quality comparing Film vs. glass coverslipped slides](#)

\*See NSH 2019 poster presentation “After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides” at [www.sakuraus.com](http://www.sakuraus.com) or [After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides](#)

## Specifications

<b>Application</b>	Histology, Cytology, Special Staining, Advanced Staining
<b>Special applications</b>	Validated for use on the Hologic ThinPrep® Stain Plus Imaging System
<b>Dimensions</b>	28.3 (W) x 23.2 (D) x 27.1 (H) inches 72 (W) x 59 (D) x 69 (H) cm
<b>Weight</b>	165 lbs (75 kg), without reagents
<b>Power requirements</b>	Single phase, 115 VAC ± 10%, 60 Hz, 1.3 A
<b>Throughput</b>	Up to 1,080 slides/hr
<b>Configuration</b>	Benchtop
<b>Load capacity</b>	3 baskets into load stations
<b>Unload capacity</b>	12 baskets, 240 slides
<b>Xylene capacity</b>	500 mL bottle
<b>Slide size</b>	1 x 3 inches (25 x 75 mm)
<b>Coverslipping lengths</b>	45, 50, 55, or 60 mm
<b>Roll length</b>	60 m
<b>Coverslips per roll</b>	1,333 per 45 mm coverslip length
<b>Operating temperature</b>	50 to 104°F (10 to 40°C)
<b>Fume filtration</b>	Activated carbon filters on-board Optional external vent connection
<b>Integrated staining via Link</b>	Tissue-Tek Prisma® or Tissue-Tek Prisma® Plus, using Tissue-Tek Film Link (6134)
<b>User interface display</b>	VFD (Vacuum Fluorescent Display), 20 characters x 4 lines, 3 LEDs
<b>LIS connectivity</b>	Optional barcode reader
<b>Certifications</b>	IEC 61010-1 2nd ed., CAN/CSA C22.2 No. 61010-1, UL 61010-1
<b>Regulatory status</b>	IVD, FDA Class I

 **WARNING:** This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Tissue-Tek® Glas™ g2 Automated Glass Coverslipper



### Fast and robust glass coverslipping

Elevate traditional glass coverslipping with the Tissue-Tek® Glas™ g2 Glass Coverslipper that handles histopathology and cytology slide sections by reproducing traditional hand coverslipping and ensures accurate coverslip placement, high clarity and bubble-free coverage. The Tissue-Tek Glas g2 provides high reliability while delivering up to 400 slides per hour.

The Tissue-Tek Glas g2 utilizes automation that offers the latest technology ensuring that each slide is perfectly coverslipped and clean. Up to 9 customizable programs can be stored that specify different coverslip sizes, speed, and volume of mounting medium to handle different specimen types and applications. Make on-the-fly changes without interruption of the coverslipping process.

Tissue-Tek Glas g2 Coverslips conveniently preloaded in disposable holders are available in lengths of 40, 50, and 60 mm, providing the efficiency needed in any laboratory. Avoid the inconvenience of trying not to break coverslips when transferring them to a reusable holder.

Connect the Tissue-Tek Glas g2 to the Tissue-Tek Prisma® Plus stainer to create an integrated, fully automated walkaway staining process from slide baking to slide drying. This solution further increases your laboratory's productivity. The Tissue-Tek Glas g2 unload carousel holds up to 240 slides, providing on-board storage and minimizing frequency of unloading small batches of coverslipped slides.

Features	Benefits
Tissue-Tek Glas g2 Coverslips with Easy Holders	Optimizes labor efficiency
Link to Tissue-Tek Prisma® and Tissue-Tek Prisma® Plus	Creates an integrated, fully automated walk-away staining-coverslipping process from slide baking to slide drying
Mechatronic™ Slide Technology	Provides consistent, air bubble-free coverslipping
Programmable	Allows for customization of multiple protocols (H&E, PAP, Special Stains, etc.)
Large 240 slide unload station	Optimizes labor efficiency
Continuous loading	Provides quicker turnaround time (TAT) of slides
Audible beep alarm	Alerts user when low on medium
Barcode reader	Tracks slide identifiers linked to patients, compliant with CAP requirements
Advanced filtration system	Helps provide safe, comfortable environment

Product code	Product name and quantity
6500	Tissue-Tek® Glas™ g2 Glass Coverslipper
6503	Tissue-Tek® Glas™ g2 Glass Coverslipper with Barcode Reader System
6508	Tissue-Tek® Barcode Reader System for Coverslippers; 1 each Scanner, Mini Velocity, Sd, USD +I/O, 5 VDC Q-Mode, SP Cable/kit
6168	Tissue-Tek Prisma® Link for Tissue-Tek® Glas™ g2 Glass Coverslipper
6415	Tissue-Tek® Glas™ Coverslips and Easy Holder 24x40 mm; 200/holder, 5 holders/case
6416	Tissue-Tek® Glas™ Coverslips and Easy Holder 24x50 mm; 200/holder, 5 holders/case
6417	Tissue-Tek® Glas™ Coverslips and Easy Holder 24x60 mm; 200/holder, 5 holders/case
6419*	Tissue-Tek® Glas™ Mounting Medium; 1 bottle, 16 oz

\*  **WARNING:** This product can expose you to chemicals including Ethyl benzene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Product code	Product name and quantity
6500	Tissue-Tek® Glas™ g2 Glass Coverslipper
6423	Tissue-Tek® Glas™ g2 Anti-Drying Bottle
6430	Tissue-Tek Prisma® Waste Container
6433	Tissue-Tek Prisma® Priming Bottle
6504	Tissue-Tek® Glas™ g2 Receiving Rack
6505	Tissue-Tek® Glas™ g2 Waste Bottle
6160	Tissue-Tek Prisma® Activated Carbon Filter; 2 filters/box
6506	Tissue-Tek® Glas™ g2 Exhaust Hose Assembly 38 mm
6507	Tissue-Tek® Glas™ g2 Exhaust Hose Assembly 75 mm

### Specifications

<b>Application</b>	Histology, cytology, special staining, and advanced staining
<b>Dimensions</b>	29.5 (W) x 24.4 (D) x 29.5 (H) inches 75 (W) x 62 (D) x 75 (H) cm
<b>Weight</b>	Approximately 242 lbs (110 kg)
<b>Power requirements</b>	Single phase, 115 VAC ± 10%, 50/60 Hz, 2.2 A
<b>Throughput</b>	up to 400 slides per hour
<b>Configuration</b>	Benchtop
<b>Integrated staining via Link</b>	Tissue-Tek Prisma or Tissue-Tek Prisma Plus, using the Link Between Tissue-Tek Prisma and Tissue-Tek Glas g2 (6168)
<b>Loading capacity</b>	3 baskets into load stations
<b>Unload capacity</b>	12 baskets (240 slides in the unload station)
<b>Mounting medium</b>	16 oz, xylene-based
<b>Fume filtration</b>	Activated carbon filters on-board Optional external vent connection
<b>Slide size</b>	1 x 3 inches (25 x 75 mm)
<b>Coverslip reusable holders</b>	45, 50, or 60 mm
<b>Acceptable dimensions of coverslips</b>	24 x 40, 50, 55, 60 mm 25 x 40, 50, 55, 60 mm
<b>User interface display</b>	LCD, 4 lines (20 characters each), 2 LEDs
<b>LIS connectivity</b>	Optional barcode reader (6508)
<b>Operating temperature</b>	10 to 40°C (50 to 104°F)
<b>Regulatory status</b>	IVD, FDA Class I

# Tissue-Tek® Coverslipping Film



## Tissue-Tek® Coverslipping Film

The Tissue-Tek® Coverslipping Film is the 5<sup>th</sup> generation of the resin-coated plastic film that eliminates the need for coverglass and liquid mounting medium. It reduces coverslipper maintenance and enables fast trouble-free coverslipping compared to mounting medium and glass coverslips.

The Coverslipping Film is also suitable for slide scanning and digital imaging and is validated for use with the Hologic® Thin Prep® Stain Plus Imaging System. It is found to scan 3.7% faster than glass.<sup>1</sup>

Your laboratory can now increase productivity, especially appreciated during daily peak-demand hours, and further reduce user stress levels by forwarding high quality coverslipped slides to the pathologists earlier.

Film-coverslipped slides have been shown to have less artifacts after 10 years of storage compared to glass coverslipped slide.<sup>2</sup>

## Product code Product name and quantity

4770\* Tissue-Tek® Coverslipping Film;  
60 m/roll, 5 rolls/case

<sup>1</sup>See NSH 2019 poster presentation “No difference in scan speed and stain quality comparing Film vs. glass coverslipped slides” at [www.sakuraus.com](http://www.sakuraus.com) or [No difference in scan speed and stain quality comparing Film vs. glass coverslipped slides](#)

<sup>2</sup>See NSH 2019 poster presentation “After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides” at [www.sakuraus.com](http://www.sakuraus.com) or [After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides](#)

**\*WARNING:** This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Features	Benefits
Fast drying time	Enables pathologists to view slides earlier and the laboratory to archive slides sooner
Resin-coated film and downtime	Reduces maintenance and increases uptime
Suitable for Histology, Cytology, and Special Stains	Enables coverslipping for any specimen type
Refractive index similar to glass	Superb for conventional microscopy and digital imaging
Xylene-activated	Less instrument maintenance than compared to mounting medium and glass coverslips
Coverslip length can be changed on the fly	Options of 45, 50, 55, or 60 mm provide flexibility for any application

### Specifications

<b>Applications</b>	Coverslipping for histology, cytology, and advanced staining
<b>Special applications</b>	Validated for use on the Hologic Thin Prep® Stain Plus Imaging System
<b>Roll length</b>	60 m
<b>Packaging</b>	5 rolls/case
<b>Coverslipping length</b>	45, 50, 55, and 60 mm
<b>Coverslips per roll</b>	1,333 per 45 mm coverslip length
<b>Regulatory status</b>	IVD, FDA Class I

# Tissue-Tek® Glas™ Mounting Medium

Coverslipping



**⚠️ WARNING:** This product can expose you to chemicals including Ethyl benzene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Tissue-Tek® Glas™ Mounting Medium

Sakura Finetek offers xylene-based mounting medium for glass coverslipping.

The Tissue-Tek Glas Mounting Medium is designed ready to be used with the Tissue-Tek® Glas™ g2 Coverslipper. Depending on the coverslipping settings, one bottle coverslips over 16,000 slides.

Provide your pathologists with crystal-clear slides and secure permanent mounting using this proven and trusted quality.

### Product code    Product name and quantity

6419\*    Tissue-Tek® Glas™ Mounting Medium; 1 bottle, 16 oz

### Specifications

<b>Applications</b>	Coverslipping for histology and cytology
<b>Volume</b>	16 oz (500 mL)
<b>Regulatory status</b>	IVD, FDA Class I

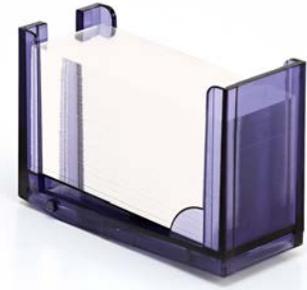
# Tissue-Tek® Glas™ Coverslips



6415



6416



6417

## The Tissue-Tek® Glas™ Coverslips with Easy Holder

Tissue-Tek Glas Coverslips provide pathologists with unprecedented viewing quality. The unique manufacturing processes result in optimal clarity, and bending strength twice that of common coverslips. They are made from high-grade glass resulting in precise flatness, size and improved mounting. The special coating treatments prevent coverslips from sticking to each other for a smooth hassle-free workflow.

Developed and optimized for the Tissue-Tek® Glas™ g2 Automated Coverslipper, the Tissue-Tek Glas Coverslips with Easy Holder come in three convenient sizes to provide you with the efficiency needed in your laboratory to accommodate different microscope slides. The Easy Holders come in three different colors prefilled with the appropriate size coverslips for easy loading on to the Tissue-Tek Glas g2 Automated Coverslipper. You can switch between coverslips of different sizes quickly: Simply replace the Easy Holder and walk away.

Features	Benefits
Prefilled coverslips in Easy Holder	Easy and efficient loading onto the Tissue-Tek® Glas™ g2 Automated Coverslipper
Three different color Easy Holders	Easy identification of different sized coverslips
Special coating and cleaning of coverslips	Prevents coverslips sticking together
Manufactured using high-grade glass	Precise flatness and size, improved mounting; the bending strength is twice that of common coverglass
Optimal clarity	Improved viewing quality
Three convenient sizes (40, 50, 60 mm)	Provide flexibility and efficiency needed in your laboratory

### Product code Product name and quantity

6415	Tissue-Tek® Glas™ Coverslips 24 x 40 mm; 200/holder, 5 holders/case
6416	Tissue-Tek® Glas™ Coverslips 24 x 50 mm; 200/holder, 5 holders/case
6417	Tissue-Tek® Glas™ Coverslips 24 x 60 mm; 200/holder, 5 holders/case





# Advanced staining

**Tissue-Tek Genie®  
Advanced Staining System**

**Tissue-Tek Genie® Capsules  
Tissue-Tek Genie® Cartridges  
Tissue-Tek Genie® *Pro* Detection Kits  
Tissue-Tek Genie® DUO Detection Kit  
Tissue-Tek Genie® Antibodies**

**Tissue-Tek® Quick Ray™  
Advanced Microarray System**

# Tissue-Tek Genie®

## Advanced Staining System



### Tissue-Tek Genie® Advanced Staining System

The Tissue-Tek Genie® Advanced Staining System is the first and only fully automated, true random access stainer for immunohistochemistry (IHC) and *in situ* hybridization (ISH) that features 30 completely independent staining stations. This IHC & ISH stainer system provides uncompromised fast and predictable turnaround time (TAT) for unprecedented staining quality of the entire 136 antibody portfolio.

With the Tissue-Tek Genie Advanced Staining System, you now have the capability to:

- Run any slide, any stain, any time, any instrument
- Eliminate batching of slides
- Run cases together on one instrument
- Run IHC and ISH tests within 2 - 3 hours for faster and predictable TAT
- Eliminate diluting reagents, all Ready-to-Use (RTU)
- Eliminate the rail effect. Full slide coverage

This superior performance is possible due to innovations Sakura Finetek brings to advanced staining:

- 30 completely, independent staining stations with active heating/cooling and no slide scheduler
- True continuous random access
- Fully automated staining from dewaxing to counterstain with no alteration in TAT
- Advanced capillary gap technology for whole slide coverage
- The first and only single-use capsule format for advanced staining applications to enable laboratories to run any test, any time, on any station
- The first and only peristaltic dispense mechanism in advanced staining for precise volume delivery without any carryover or cleaning
- Bulk reagents are all RTU, no requirement for refrigeration, mixing, or dilution
- Separation of hazardous from non-hazardous waste

To increase quality and reproducibility of stains, Sakura Finetek established a new rigorous methodology to develop reagents and protocols for:

- Stain quality that is scored optimal by several experts in pathology
- Fast and predictable TAT, unprecedented by current solutions in the market
- Innovation that enables continuous workflow with minimal disruption and simpler operation

The Tissue-Tek Genie Detection Kits (DAB, AP Red and DUO) along with our Tissue-Tek Genie RTU antibodies and ancillary reagents with evaluated protocols ensures users are provided consistent, quality staining results with reproducibility that laboratories have come to expect from Sakura Finetek IHC & ISH stainer products. These staining results were independently evaluated by a leading quality assurance organization.

In summary, Sakura Finetek has succeeded in developing IHC and ISH staining systems to meet the high quality standards demanded by EQA programs. The same successful performance can now be achieved by any laboratory using Sakura Finetek’s optimized system.

To establish this rigorous methodology to develop reagents and protocols, Sakura Finetek created the following process:

- Review published data and carefully select candidate antibodies
- The antibodies were intensely investigated and assessed to ensure superior specificity and sensitivity, using specifically selected tissue microarray controls
- Antigen retrieval conditions and antibody incubation times were optimized for best staining quality and shortest TAT
- External assessment was performed with the support of pathologists and the world renowned quality assurance organization

We are continuously publishing the results of our validation studies on the first and only web based service called Sakura Finetek Genie Stain Gallery to display staining results and we participate in the EQA schemes of NordiQC to enable laboratories to compare Tissue-Tek Genie solutions with full transparency.

**Product code    Product name and quantity**

8201          Tissue-Tek Genie® Advanced Staining System

Features	Benefits
30 Completely independent and scheduler-free slide stations for IHC/ISH	Predictable TAT with true random access for same-day diagnosis
Unique Advanced Gap Technology	<ul style="list-style-type: none"> <li>• Whole slide coverage</li> <li>• Fast fill and drain of the Slide Staining Chamber</li> </ul>
Exclusive, prefilled, RTU Capsules for single test with true random access	Can perform a test, any time (whenever a station is idle), anywhere (idle station), and any antibody (no need to manage reagents on-board)
Single slide loading and unloading	LEAN, batch-free staining
Whole slide coverage	<ul style="list-style-type: none"> <li>• Ability to place controls and patient's sections anywhere on a slide</li> <li>• Eliminate "rail" artifacts</li> <li>• Eliminate the need for tiles, coverlids, or oily reagents to limit evaporation</li> <li>• Eliminate the need to clean tiles, coverlids, or oily reagents on slides</li> </ul>
Sakura Finetek developed and manufactured detection system, antibodies, and reagents	<ul style="list-style-type: none"> <li>• Consistent reagent quality and performance</li> <li>• A single sensitive and specific detection system for mouse and rabbit antibodies</li> </ul>
Enhanced waste management	<ul style="list-style-type: none"> <li>• Separation of hazardous from non-hazardous waste</li> <li>• Low total volume waste generation</li> </ul>

## Specifications

<b>Applications</b>	Automated IHC and ISH, dewaxing, antigen retrieval, rehydration, digestion, denaturation, hybridization, stringent wash, staining, counterstaining
<b>Dimensions</b>	65 (W) x 30 (D) x 63 (H) inches 165 (W) x 75 (D) x 160 (H) cm
<b>Weight (dry)</b>	1,280 lbs (580 kg)
<b>Power requirements</b>	115 VAC $\pm$ 10%, 50/60 Hz, single phase, 20 A
<b>Turnaround time</b>	1 hour 44 minutes to 2 hours 44 minutes IHC and ISH including dewaxing, antigen retrieval to counterstaining
<b>Throughput</b>	Up to 90 IHC and ISH slides in 8 hours
<b>Temperature control of reagent on slides</b>	50 to 208°F (10 to 98°C)
<b>Slide capacity</b>	30 independent slide stations
<b>Modularity</b>	Up to 5 Genie instruments may be controlled from 1 PC
<b>Configuration</b>	Free standing, floor model
<b>User access levels</b>	3, user-defined
<b>Water supply</b>	Not required
<b>Instrument operating conditions</b>	Temperature range: 59 to 86°F (15 to 30°C)
<b>Relative humidity range</b>	30 ~ 80% R.H., non-condensing
<b>Noise level</b>	<65 dB (operating) at 3 feet (1 m)
<b>Power connection</b>	Power cord suited to country. For U.S.A., standard 3 prong, grounded
<b>Interface</b>	LIMS, LIS, middleware
<b>Barcode</b>	1D (code 93) and 2D (datamatrix, QR code)
<b>IHC and ISH menus</b>	Refer to Tissue-Tek Genie Advanced Staining Catalog, IHC antibodies and ancillary reagents
<b>Capsule capacity on-board</b>	30
<b>Cartridge capacity on-board</b>	19
<b>Bulk reagent container capacity</b>	6 x 1 gallon
<b>Bulk waste container capacity</b>	2 x 1 gallon
<b>Antibody dispensing options</b>	Prefilled RTU capsules, prefilled RTU cartridges, user-fillable capsules, user-fillable cartridges, manual pipetting
<b>Certifications</b>	ETL
<b>Regulatory status</b>	IVD, FDA Class I

## Tissue-Tek Genie® Capsules



### Tissue-Tek Genie® Capsules

Sakura Finetek developed the first and only single-use capsule format for advanced staining applications to enable laboratories to run any test, any time, on any station with any antibody. It eliminates waiting time to start any slide staining and eliminates the need to replace antibodies in bottles or dispensers on the instrument. The capsules are prefilled with ready-to use (RTU) antibodies for single-use, easily and quickly loaded together with the slides into the Tissue-Tek Genie Advanced Staining System.

Important other benefits of using capsules include:

1. Run single cases or single slides without the need to batch slides by antibody
2. Save time loading slides whenever a staining station is available
3. Reduce costs by fully utilizing all of the reagent for minimal waste
4. No longer have to consider dispenser cleaning and expensive maintenance

Once the capsule and the slide are determined, the capsule is mounted to the Tissue-Tek Genie® Reagent Dispense Area (RDA) with its attached protocol RDA-Tag and both are loaded into an empty stain station.

In summary, this innovative technology enables laboratories to quickly load slides and reagents for an IHC test on any free staining station of any Tissue-Tek Genie, to gain continuous workflow with short and predictable TAT.

## Tissue-Tek Genie® Cartridges



### Tissue-Tek Genie® Cartridges

For high volume antibodies used on a daily basis, Sakura Finetek has developed the first and only ready-to-use (RTU) cartridge with 250 tests. Cartridges are now available for RTU antibodies, RTU detection kits and RTU counterstain.

Sakura Finetek developed the first and only peristaltic dispense mechanism in advanced staining that leverages the benefits of precise volume delivery of required reagent without any carryover or cleaning. Cartridges for Chromogens have 2 reagent pouches and tubes enabling to dispense the 2 reagents simultaneously mixing them instantaneously (DAB, AP RED). The reagent is dispensed into the Tissue-Tek Genie® Reagent Dispense Area (RDA) and funneled to the slide.

# Tissue-Tek Genie® Pro Detection Kits

## Tissue-Tek Genie® Pro Detection Kit, DAB

The Tissue-Tek Genie Pro Detection Kit, DAB uses a non-biotin based system to detect and to visualize mouse or rabbit primary antibodies bound to antigens in formalin-fixed, paraffin-embedded (FFPE) specimen sections.

The detection system uses protein and peroxidase blocks to prevent unspecific binding of antibodies to antigens and reactions of endogenous peroxidase with downstream components of the detection system. After blocking, the detection system uses a Link solution that binds to the mouse or rabbit primary antibodies to form a complex with a horseradish peroxidase (HRP) conjugate which increases sensitivity.

The complex is then visualized with the addition of DAB. DAB Intensifier can be used to increase the intensity of the DAB stain.

Dewax	Antigen Retrieval	Protein Block	Primary Antibody	Peroxidase Block	Link	HRP Conjugate	DAB	DAB Intensifier	Counter-stain
0 or 6 min	0-90 min	0 or 9 min	12-30 min	0 or 30 min	15 min	10-30 min	6 min	0 or 3 min	0 to 3 min

## Tissue-Tek Genie® Pro AP Red Detection Kit

The Tissue-Tek Genie Pro AP Red Detection Kit uses a non-biotin based system to detect and to visualize mouse and rabbit primary antibodies bound to antigens in formalin-fixed, paraffin-embedded (FFPE) specimen sections.

The detection system uses protein block to prevent nonspecific binding of antibodies to antigens with downstream components of the detection system. After blocking, the detection system uses a Link solution that binds to the mouse and rabbit primary antibodies to form a complex with an alkaline phosphatase (AP) conjugate. The complex is then visualized with the addition of AP Red.

Dewax	Antigen Retrieval	Protein Block	Primary Antibody	Link	AP Conjugate	AP Red	Counterstain
0 or 6 min	0-90 min	0 or 9 min	12-30 min	15 min	10-30 min	6 min	0 to 3 min

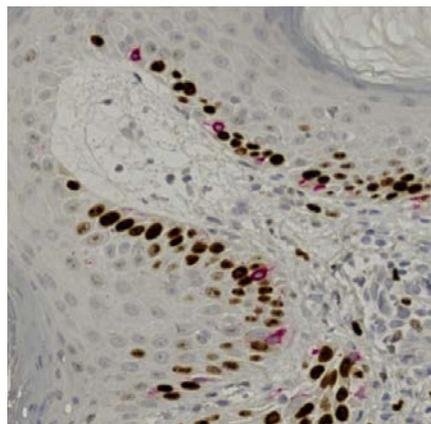
# Tissue-Tek Genie® DUO Detection Kit

## Tissue-Tek Genie® DUO Mouse-DAB/Rabbit-AP Red Dual Detection Kit

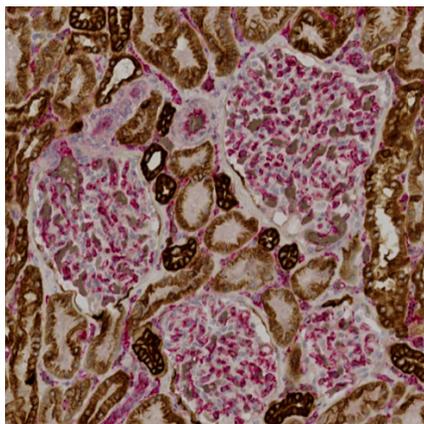
The Tissue-Tek Genie® DUO Mouse-DAB/Rabbit-AP Red Dual Detection Kit uses a non-biotin-based system to detect and to visualize mouse and rabbit primary antibodies bound to antigens in FFPE specimen sections.

The detection system uses a protein block to prevent nonspecific binding of antibodies to antigens with downstream components of the detection system. After blocking, mouse and rabbit primary antibodies are applied on the tissue sections simultaneously using prefilled capsules or cartridges. Subsequently, the detection system sequentially applies the Link Mouse solution that binds to mouse primary antibodies and then the Link Rabbit solution that binds to rabbit primary antibodies. This is followed by an application of a cocktail containing a horseradish peroxidase (HRP) conjugate for mouse and an alkaline phosphatase (AP) conjugate for rabbit. The resulting complex is visualized by sequentially applying the diaminobenzidine (DAB) substrate-chromogen solution, and then by applying the AP Red substrate-chromogen solution, which create colored precipitates at the location of the antigens.

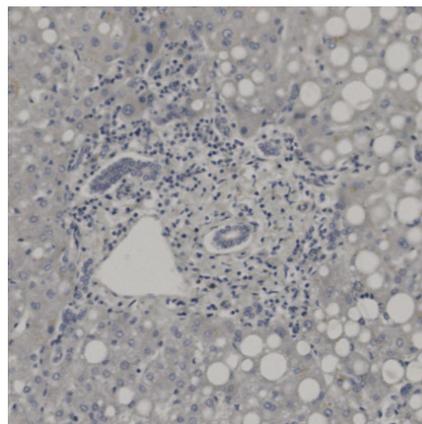
Dewax	Antigen Retrieval	Protein Block	Primary Antibody	Link Mouse	Link Rabbit	HRP and AP Conjugates	DAB	AP Red	Counter-stain
6 min	45 min	9 min	30 min	6-21 min	6-21 min	20 min	3-9 min	3-9 min	0-3 min



Tissue-Tek Genie® DUO anti-Melan A [EP43] /Ki67 [GM010] Antibody Cocktail  
Note that the benign melanocytes are not proliferatively active.



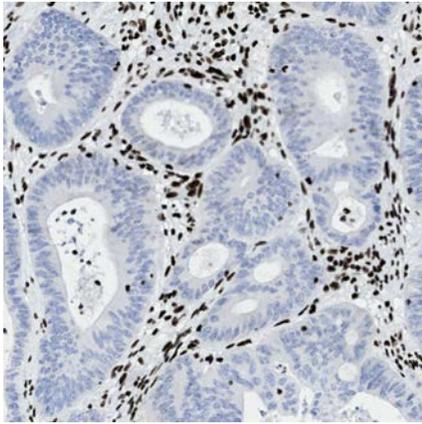
Tissue-Tek Genie® DUO anti-Pan Cytokeratin [AE1/AE3/DC10] / CD31[RM247] Antibody Cocktail  
The combination of these two markers on a single slide is particularly helpful for identifying small foci of carcinoma within lymphatics.



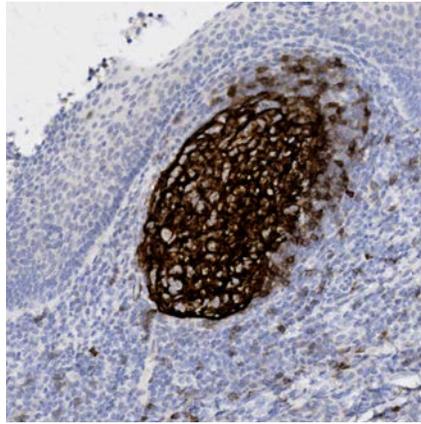
Tissue-Tek Genie® DUO Non-immune Mouse and Rabbit Ig Antibody Cocktail

# Tissue-Tek Genie® Antibodies

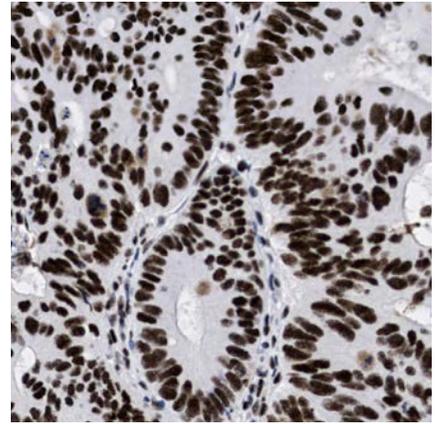
Please visit the Tissue-Tek Genie Stain Gallery at: <https://ihc-ish.tissuetek.cloud> to experience the high quality stains for all of our antibodies.



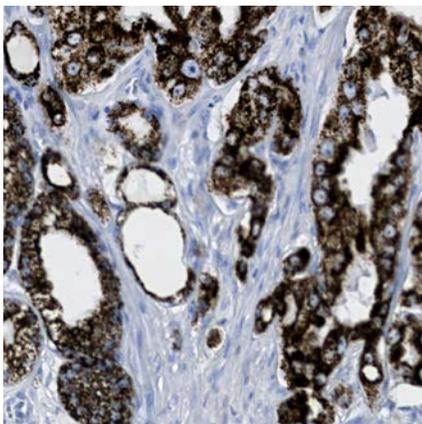
Tissue-Tek Genie® anti-MSH2 [RED2]  
Negative staining of colon adenocarcinoma with loss of MSH2 expression.



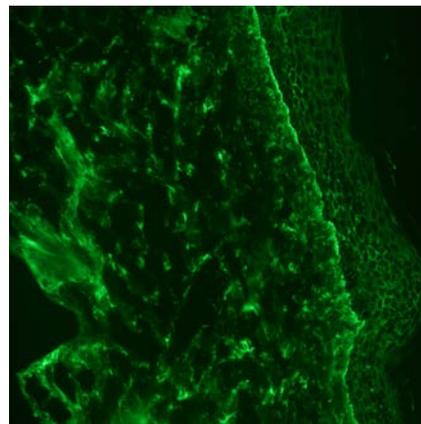
Tissue-Tek Genie® anti-CD23 [GR013]  
Moderate staining of activated B-cells in the mantle zone and follicular dendritic cells of germinal centers in tonsils.



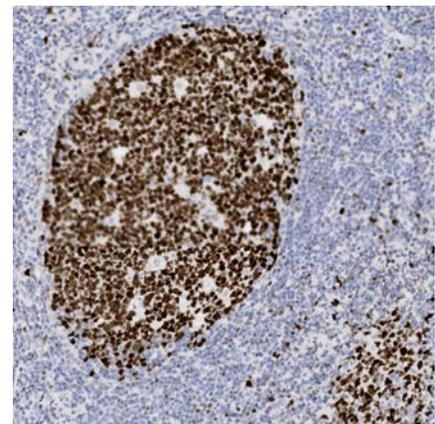
Tissue-Tek Genie® anti-PMS2 [EP 51]  
Strong staining in colon adenocarcinoma.



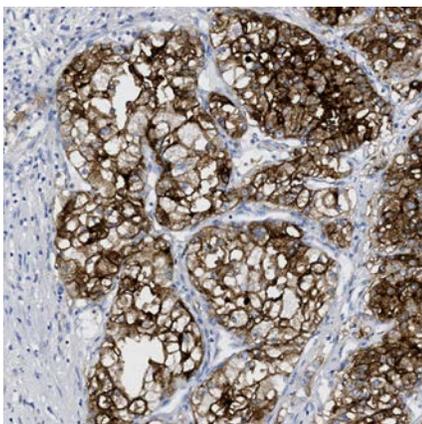
Tissue-Tek Genie® anti-AMACR [13H4]  
Strong staining in T-cell lymphoma.



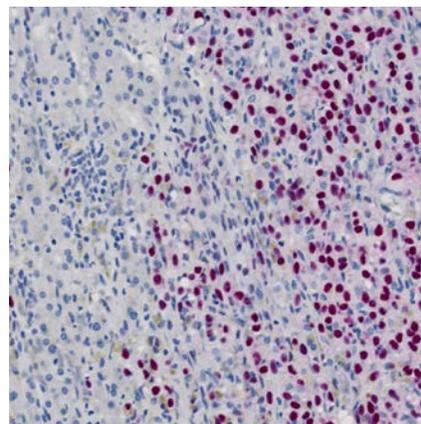
Tissue-Tek Genie® FITC anti-C3  
Linear deposition of C3 at junction in skin with bullous pemphigoid.



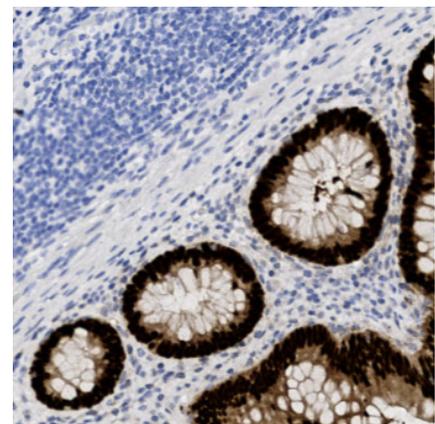
Tissue-Tek Genie® anti-BCL6 [EP278]  
Negative staining of non-germinal center B-cells with moderate to strong staining in the germinal center B-cells in tonsil.



Tissue-Tek Genie® anti-CD10 [GM003]  
Moderate staining in renal clear cell carcinoma.



Tissue-Tek Genie® anti-SOX10 [EP268]  
Strong AP Red staining in malignant melanoma.



Tissue-Tek Genie® anti-CDX2 [EP25]  
Negative staining of non-epithelial cells in support stroma but strong staining of epithelial cells in colonic mucosa.

# Tissue-Tek® Quick-Ray™ Tissue Microarray System

Advanced staining



8010



8011



8013



8014



8012



8015

## Tissue-Tek® Quick-Ray™

The Tissue-Tek Quick-Ray is a tissue microarray (TMA) system; it is the only system to use a ready-to-use paraffin recipient block, that produces superior quality tissue microarrays in less time than traditional methods.

- Tissues are extracted by the precise hollowed punch tip
- 4 sizes of punch tips are provided (1, 2, 3, 5 mm)
- 4 sizes of preformed paraffin recipient blocks
- Precise positioning in the preformed recipient blocks
- Each recipient block is capable of 300-400 sections at 4-5 microns
- The Tissue-Tek Quick-Ray is the ideal device to reliably produce consistent blocks at affordable costs.

## The Tissue-Tek® Quick-Ray™ System offers:

- Ready-to-use paraffin recipient blocks
- Compact design and versatility
- No dedicated space required for TMA block formation

Features	Benefits
Pre-fabricated recipient block	Saves time
Mobility	Ability to produce Tissue Microarray (TMA) any time, anywhere
Interchangeable tips	Interchangeable tips included to build any size TMA
Punch guide	Helps with the construction of 1mm TMAs
Small footprint	No need for dedicated counter space. The TMAs can be taken anywhere



8016



8018



8017



8019



8020

**Product code**    **Product name and quantity**

8010    Tissue-Tek® Quick-Ray™ Tissue Microarray System

8011    Tissue-Tek® Quick-Ray™ Punch Guide, 1 mm

8012    Tissue-Tek® Quick-Ray™ Punch Tip, 1 mm

8013    Tissue-Tek® Quick-Ray™ Punch Tip, 2 mm

8014    Tissue-Tek® Quick-Ray™ Punch Tip, 3 mm

8015    Tissue-Tek® Quick-Ray™ Punch Tip, 5 mm

8016    Tissue-Tek® Quick-Ray™ Recipient Block, 1 mm

8017    Tissue-Tek® Quick-Ray™ Recipient Block, 2 mm

8018    Tissue-Tek® Quick-Ray™ Recipient Block, 3 mm

8019    Tissue-Tek® Quick-Ray™ Recipient Block, 5 mm

8020    Tissue-Tek® Quick-Ray™ Recipient Base Mold;  
3 base molds/box

**Specifications**

**System contains**

- 1 puncher
- 4 paraffin recipient blocks (1, 2, 3, and 5 mm)
- 1 base mold
- 4 punch tips (1, 2, 3, and 5 mm)
- 1 punch guide (1 mm)





# Cytology preparation

## **Cytocentrifuge**

Cyto-Tek® 2500 Cytocentrifuge

## **Fluid Chamber Kit**

Cyto-Tek® 2500 Fluid Chamber Kits

## **Mailer**

Cyto-Tek® Mailer

# Cyto-Tek® 2500 Cytocentrifuge



Cytology preparation

## Cyto-Tek® 2500 Cytocentrifuge

The Cyto-Tek 2500 Cytocentrifuge provides optimal cell recovery and advanced preservation of cellular structure in nongynecological monolayer slide preparation. The Cyto-Tek 2500 Cytocentrifuge was designed with enhanced features focusing on user safety, including the introduction of a new sealable rotor housing with lid which significantly reduces aerosol exposure. The housing is completely removable and transportable, providing added convenience. Technicians now have the ability to load and unload specimens in vented areas away from the centrifuge, under a fume hood. The Cyto-Tek 2500 Cytocentrifuge has a sleek and modern design and provides the superior clinical performance users have come to expect from Sakura Finetek Cyto-Tek Centrifuges.

Features	Benefits
Removable rotor housing	Allows cytotechnologists the ability to load and unload specimens in vented areas, under a fume hood
Lockable rotor lid	Contains aerosols within the rotor housing, protecting cytotechnologists from exposure
Program memory	Enables users to build and store up to 30 programs
Program flexibility	Provides the ability to program in minutes and seconds, gives cytotechnologists greater control and more flexibility
Rotor housing is autoclavable	Allows for safe and easy sterilization

**Product code**   **Product name and quantity**

4300	Cyto-Tek® 2500 Cyto centrifuge
4301	Cyto-Tek® 2500 1 mL Fluid Chamber Kit; 20 each, 1 mL Fluid Chamber (4329), 1 mL Specimen Chamber Holder (4336), 1 mL Chamber Cap (4335), 1 mL Filter Paper (4333)/kit
4326	Cyto-Tek® 6 / 12 mL Base Holder; 12 base holders/pack
4327	Cyto-Tek® 6 mL Gasket; 25 gaskets/pack
4328	Cyto-Tek® 12 mL Fluid Chamber; 12 chambers/pack
4331	Cyto-Tek® 6 mL Fluid Chamber; 12 chambers/pack
4334	Cyto-Tek® 6 / 12 mL Chamber Cap; 25 caps/pack
4337	Cyto-Tek® 12 mL Gasket; 25 gaskets/pack
4329	Cyto-Tek® 1 mL Fluid Chamber; 50 chambers/bag, 4 bags/case
4333	Cyto-Tek® 1 mL Filter Paper; 200 sheets/box
4335	Cyto-Tek® 1 mL Chamber Cap; 50 caps/bag, 4 bags/case
4336	Cyto-Tek® 1 mL Specimen Chamber Holder; 50 holders/bag, 4 bags/case



**Specifications**

<b>Application</b>	Non-GYN, cytology
<b>Dimensions</b>	14.8 (W) x 19.3 (D) x 8.9 (H) inches 37.6 (W) x 49.0 (D) x 22.6 (H) cm
<b>Weight</b>	22 lbs (10 kg)
<b>Power requirements</b>	100 to 240 VAC, 50/60 Hz
<b>Process capacity</b>	Up to 12 cytology chambers per process
<b>Speed</b>	Adjustable from 200 to 2,500 rpm, in 10 rpm increments
<b>Programmable times</b>	1 second to 99 minutes 59 seconds (selectable in one second increments)
<b>Chamber sizes</b>	1, 6, and 12 mL chambers
<b>Regulatory status</b>	IVD, FDA Class I

# Cyto-Tek® 2500

## 1 mL Fluid Chamber Kit



**Chamber Kit**



**Chamber**



**Holder**



**Paper Filter**

### Cyto-Tek® 2500 1 mL Fluid Chamber Kit

The 1 mL Fluid Chamber Kit consists of the following components: Chamber, Cap, Holder, and Filter Paper

<b>Product code</b>	<b>Product name and quantity</b>
4301	Cyto-Tek® 2500 1 mL Fluid Chamber Kit; 50 each, 1 mL Fluid Chamber (4329), 1 mL Specimen Chamber Holder (4336), 1 mL Chamber Cap (4335), 1 mL Filter Paper (4333)/kit

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## Cyto-Tek® Mailer



### Cyto-Tek® Mailer

The Cyto-Tek Mailer offers a very economical solution to securely mail up to five slides, with separation. With its positive lock and flip-top, microscope slides will always be secured when mailing. Designed to protect 76 x 26 mm sized microscope slides, thickness ranges from 0.8 to 1.2 mm.

Product code	Product name and quantity
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4310	Cyto-Tek® Mailer; 100 mailers/pack
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# Printing

## Cassette printers

Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader

Tissue-Tek® SmartWrite® Cassette Printer (Manual)

## Slide printer

Tissue-Tek® SmartWrite® Slide Printer

## Slides

Tissue-Tek® SmartWrite® Frosted Slides

## Printer software

Tissue-Tek® SmartWrite® Printer Software

## Cassettes

Tissue-Tek® Paraform® Stacked Frames

Tissue-Tek® Uni-Cassette® Standard and Biopsy Stacked Cassettes

Tissue-Tek® Uni-Cassette® Biopsy Cassette System

Tissue-Tek® Uni-Cassette® Standard Cassette System

Histo-Tek® Standard and Biopsy Cassettes

## Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader



### Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader

Increase efficiency for your laboratory while reducing the risk of misidentification of specimens with the Tissue-Tek SmartWrite Cassette Printers. Tissue-Tek SmartWrite Printers feature thermal transfer printing technology that is noise, fume and UV cure-free. Print quality is crisp, permanent, and resistant to histological chemicals. The printer's reliable robotic cassette feed enables cassette printing every 7.5 seconds.

These printers also enable 300 dpi high-resolution and high-content 1D and 2D barcodes, alpha numeric, graphic and logo printing. The Tissue-Tek® SmartWrite® Software and drivers provide a single SMART solution for template design, printer management and LIS integration.

The Tissue-Tek SmartWrite Cassette Printers have been optimized and validated for black or color printing on Tissue-Tek® Uni-Cassette® and Histo-Tek® Cassettes with Lid Attached, creating a turn-key system for the best printing results. The Tissue-Tek SmartWrite Cassette Printer with AutoLoader can be conveniently placed next to the grossing station for convenient and accessible cassette retrieval.

Features	Benefits
On-demand and batch printing	Can be integrated into any workflow and LIS environment
300 dpi print quality	High-content barcodes for first-pass read
Robotic feed mechanism	Jam-free cassette printing
Color and black printing options	Can combine color cassettes and color printing on white cassettes for effective inventory management
Thermal transfer printing	Print is permanent and resistant to chemical degradation
4,300 black prints at 8 cassettes per minute	Lowest price for throughput
5 extra cassette hoppers provided	Pre-load hoppers for efficient workflow
Clear cassette magazine	Easy identification of cassette colors
Small footprint	Printer can be located adjacent to the grossing station
Tissue-Tek Smartwrite Software and drivers	Single solution for customized template design, printer management and LIS integration

### Specifications

<b>Dimensions</b>	19.3 (W) x 12.0 (D) x 25.9 (H) inches 49 (W) x 35.5 (D) x 25.9 (H) cm
<b>Weight</b>	74 lbs (33.6 kg)
<b>Power requirements</b>	110 to 240 VAC, 50/60 Hz, 60 W
<b>Cassette printer speed</b>	Up to 8 cassettes/minute (black) Up to 5 cassettes/minute (solid colors)
<b>Resolution</b>	300 dpi
<b>Ink type</b>	Resin thermal transfer (ribbon)
<b>Printable colors</b>	8 solid colors and many patterns
<b>Print options</b>	Alphanumeric, 1D and 2D barcodes, graphics and logos
<b>Cassette capacity per hopper/4x</b>	40 Tissue-Tek Uni-Cassettes / Tissue-Tek Paraform (total 160)
<b>Cassette loading</b>	Robotic
<b>Output tray capacity</b>	7 cassettes (17 cassettes with cassette tray extension)
<b>Cassette hoppers</b>	4 hopper stations
<b>Print cartridge and print quality</b>	Black ribbon cartridge: 4,300 cassettes Color ribbon cartridge: CMYK 1,000 cassettes
<b>Print drivers</b>	Microsoft® Windows® 10/8/7, Windows Vista®/XP
<b>Data interface</b>	USB 2.0

### Product code Product name and quantity

9020	Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader
9023	Tissue-Tek® SmartWrite® AutoLoader
9024	Tissue-Tek® SmartWrite® 2D Barcode Scanner and Stand
9025	Tissue-Tek® SmartWrite® Software
9026	Tissue-Tek® SmartWrite® Control PC with Touchscreen
9030*	Tissue-Tek® SmartWrite® Slide and Cassette Print Cartridge Black; 6 cartridges/case
9038*	Tissue-Tek® SmartWrite® Cassette Print Cartridge Color; 6 cartridges/case
9040	Tissue-Tek® SmartWrite® Cassette Hoppers; 5/box
9041	Tissue-Tek® SmartWrite® Cassette Tray Extension

 **WARNING:** This product can expose you to chemicals including Carbon black, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Tissue-Tek® SmartWrite® Cassette Printer (Manual)



## Tissue-Tek® SmartWrite® Cassette Printer (Manual)

The Tissue-Tek SmartWrite Cassette Printer (Manual) has a small footprint enabling placement within the grossing station.

Tissue-Tek SmartWrite Printers feature thermal transfer printing technology that is noise, fume, and UV cure-free. Print quality is crisp, permanent and resistant to histological chemicals. Its reliable robotic cassette feed enables cassette printing every 7.5 seconds.

These printers also enable 300 dpi high-resolution and high-content 1D and 2D barcodes, alpha numeric,

graphic and logo printing. The Tissue-Tek® SmartWrite® Software and drivers provide a single SMART solution for template design, printer management and LIS integration.

The Tissue-Tek SmartWrite Cassette Printers have been optimized and validated for black or color printing on Tissue-Tek® Uni-Cassette®, Histo-Tek® Cassettes with Lid Attached, and Tissue-Tek® Paraform® Frames, creating a turn-key system for the best printing results.

### Features

### Benefits

On-demand printing	Print at grossing station for low throughput workflow
300 dpi print quality	High-content barcodes for high first-pass read
Color and black printing options	Can combine color cassettes and color printing on white cassettes for effective inventory management
Thermal transfer printing	Noise-free and fume-free; print is resistant to histological chemicals
Small footprint	Manual printers can be located in or at the grossing station
Tissue-Tek SmartWrite Software	User-defined customizable labels; prevents barcode reading errors

**Product code**   **Product name and quantity**

9022	Tissue-Tek® SmartWrite® Cassette Printer
9026	Tissue-Tek® SmartWrite® Control PC with Touchscreen
9024	Tissue-Tek® SmartWrite® 2D Barcode Scanner and Stand
9030*	Tissue-Tek® SmartWrite® Slide and Cassette Print Cartridge Black; 6 cartridges/case
9038*	Tissue-Tek® SmartWrite® Cassette Print Cartridge Color; 6 cartridges/case
9025	Tissue-Tek® SmartWrite® Software

**Specifications**

<b>Dimensions</b>	9.6 (W) x 8.8 (D) x 12.4 (H) inches 24.4 (W) x 22.4 (D) x 31.4 (H) cm
<b>Weight</b>	20.0 lbs (9.1 kg)
<b>Power requirements</b>	100 to 240 VAC, 50/60 Hz, 60 W
<b>Resolution</b>	6 seconds per cassette
<b>Ink type</b>	Resin thermal transfer (ribbon)
<b>Printable colors</b>	8 solid colors and many patterns
<b>Print options</b>	Alphanumeric, 1D and 2D barcodes, graphics and logos
<b>Cassette loading</b>	Manual feed
<b>Output tray capacity</b>	1 cassette
<b>Print cartridge and print quality</b>	Black ribbon cartridge: 4,300 cassettes Color ribbon cartridge: CMYK 1,000 cassettes
<b>Printer drivers</b>	Microsoft® Windows® 10/8/7, Windows Vista® /XP
<b>Data interface</b>	USB 2.0

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# Tissue-Tek® SmartWrite® Slide Printer



## Tissue-Tek® SmartWrite® Slide Printer

Minimizing slide labeling errors in your laboratory has now become easier. The Tissue-Tek SmartWrite Slide Printer provides fast on-demand high resolution alpha numeric and 1D/2D barcode printing with a footprint small enough to fit next to the microtome.

The Tissue-Tek SmartWrite Slide Printer is a high resolution thermal transfer printer designed for on-demand printing of colored identifiers directly on to microscope slides for use in pathology and cytology laboratories. The uniquely formulated thermal ink provides easy to read printing that is chemically resistant and smudge proof. The high resolution (300 dpi) makes it possible to print alpha numeric characters, as well as 2D barcodes and graphics.

Incorporate the Tissue-Tek SmartWrite Slide Printer into your microtome workstation for a SMART system solution for on-demand slide printing, enabling efficiency and reducing the risk of misidentification of patient cases.

Features	Benefits
On-demand printing	Streamlines workflow and reduces errors associated with batch printing
High resolution 300 dpi printing	Prints high resolution 1D and 2D barcodes for improved specimen legibility and tracking
Up to 8 solid color printing	Eliminates multi-color slide inventory
Thermal transfer printing	Provides chemical resistant, smudge proof labeling
Small Footprint	Allows placement of printer next to a microtome or to a cytology slide processor
Optimized for Tissue-Tek SmartWrite White Frosted Slides	Ensures high quality jam free printing at up to 9 slides per minute
Tissue-Tek SmartWrite Software	One solution for template design, printer management and LIS integration

**Product code**    **Product name and quantity**

9021	Tissue-Tek® SmartWrite® Slide Printer
9024	Tissue-Tek® SmartWrite® 2D Barcode Scanner and Stand
9025	Tissue-Tek® SmartWrite® Software
9026	Tissue-Tek® SmartWrite® Control PC with Touchscreen
9027	Tissue-Tek® SmartWrite® Slide Holder, Blue
9030*	Tissue-Tek® SmartWrite® Slide and Cassette Print Cartridge Black; 6 cartridges/case
9031*	Tissue-Tek® SmartWrite® Slide Print Cartridge Color; 6 cartridges/case
9032	Tissue-Tek® SmartWrite® Print Head Cleaning Pen; 5 pens/pack

**Specifications**

<b>Dimensions</b>	7.1 (W) x 12.6 (D) x 8.6 (H) inches 18.0 (W) x 31.95 (D) x 21.8 (H) cm
<b>Weight</b>	16.8 lbs (7.62 kg)
<b>Power requirements</b>	100 to 240 VAC, 50/60 Hz, 60 W
<b>Slide Printer speed</b>	Up to 9 slide/minute (black) Up to 5 slides/minute (solid colors) (Timed from delivery of first printed slide)
<b>Resolution</b>	300 dpi
<b>Print technology</b>	Thermal transfer
<b>Slide holder capacity</b>	300 slides
<b>Output tray capacity</b>	15 Slides
<b>Ink type</b>	Resin thermal transfer
<b>Print text options</b>	Alphanumeric, 1D and 2D barcodes, graphics, and logos
<b>Printable colors</b>	8 solid colors and many patterns
<b>Print cartridge and print quality</b>	Black cartridge: 5,000 slides Color cartridge: CMYK: 1,000 slides
<b>Printer drivers</b>	Microsoft® Windows® 10/8/7, Windows Vista® /XP
<b>Data interface</b>	USB 2.0

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# Tissue-Tek® SmartWrite® Frosted Slides



## Tissue-Tek® SmartWrite® Frosted Slides

Tissue-Tek SmartWrite Frosted Slides, charged and uncharged, undergo a thorough manufacturing process in a carefully controlled environment to ensure optimal tissue mounting, adhesion and staining. The slides have been developed for the Tissue-Tek® SmartWrite® Slide Printer to provide crisp high-contrast printing for best visualization of human readable information and reliable scanning of 1D/2D barcodes. Their ground corners reduce the amount of generated glass chips in and around printers and enable a cleaner and safer work environment. Charged and uncharged slides are available in 6 frosted coating colors: white, blue, green, lavender, pink, and yellow, providing an extra identifier to increase slide routing options for prioritization or separate workflow paths.

### Features

### Benefits

Charged slides have uniform coating of positive charge across the entire slide

Best specimen adhesion and reduced tissue loss for patient safety

Hydrophobic glass coating

Accurate section mounting and faster drying times than hydrophilic

Smooth painted surface

Reliable printing area for thermal transfer and ink jet printers, hand writing with pencils or pens  
Reliable identification and immediate barcode scans

Ground corners

Safe handling, less breakage reducing unneeded printer cleaning and waste

Slides are pre-cleaned and vacuum-sealed

Ready for immediate use, not sticking together, no jams, achieving uninterrupted and efficient workflow

Packaging of 100 slides per box

Convenient for easy loading into the Slide Holder of the Tissue-Tek® SmartWrite® Slide Printer

Charge and uncharged slides are available in 6 frosted coating colors

Extra identifier to increase slide routing options for prioritization or separate workflow paths

**Product code**    **Product name and quantity**

9035	Tissue-Tek® SmartWrite® White Frosted Slides; 1,000 slides/case
9036	Tissue-Tek® SmartWrite® White Frosted Slides - Charged; 1,000 slides/case
9045	Tissue-Tek® SmartWrite® Blue Frosted Slides; 1,000 slides/case
9046	Tissue-Tek® SmartWrite® Blue Frosted Slides - Charged; 1,000 slides/case
9047	Tissue-Tek® SmartWrite® Green Frosted Slides; 1,000 slides/case
9048	Tissue-Tek® SmartWrite® Green Frosted Slides - Charged; 1,000 slides/case
9049	Tissue-Tek® SmartWrite® Lavender Frosted Slides; 1,000 slides/case
9050	Tissue-Tek® SmartWrite® Lavender Frosted Slides - Charged; 1,000 slides/case
9051	Tissue-Tek® SmartWrite® Pink Frosted Slides; 1,000 slides/case
9052	Tissue-Tek® SmartWrite® Pink Frosted Slides - Charged; 1,000 slides/case
9053	Tissue-Tek® SmartWrite® Yellow Frosted Slides; 1,000 slides/case
9054	Tissue-Tek® SmartWrite® Yellow Frosted Slides - Charged; 1,000 slides/case

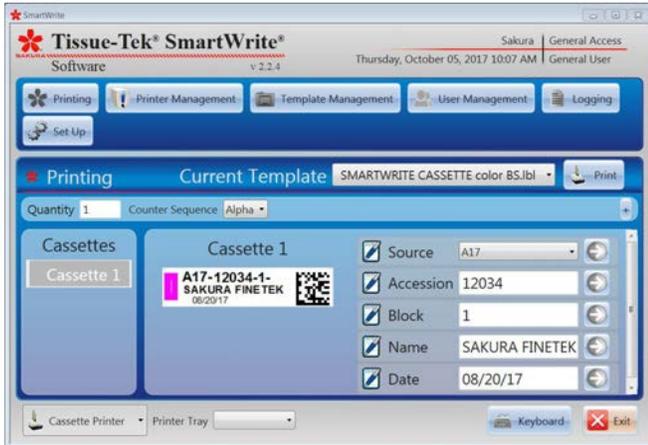


**Specifications**

<b>Application</b>	Printing human legible and barcode readable information on microscope slides
<b>Glass surface</b>	Uncharged: cleaned, not charged, hydrophobic Charged: cleaned, positively charged, hydrophobic
<b>Dimensions</b>	25 mm (W) x 75 mm (L) x 1 mm (H)
<b>Edge type</b>	Ground
<b>Corners</b>	Four corners ground at - 135° angle
<b>Frost area</b>	25 x 20 mm
<b>Frost color</b>	White, blue, green, lavender, pink, yellow
<b>Quantity</b>	100 slides/box (vacuum-sealed), 10 boxes/case



# Tissue-Tek® SmartWrite® Printer Software



## Tissue-Tek® SmartWrite® Printer Software

Tissue-Tek SmartWrite Software is a laboratory printing application for printing cassettes, slides, and labeling guides. The application prints to a variety of printers varying from black/white to color. SmartWrite Software includes integration components that provide the ability to receive messages from an LIS for the purpose of printing cassettes and slides. Users have the ability to enter label specific data and see a preview with options to print as needed.

### Features

### Benefits

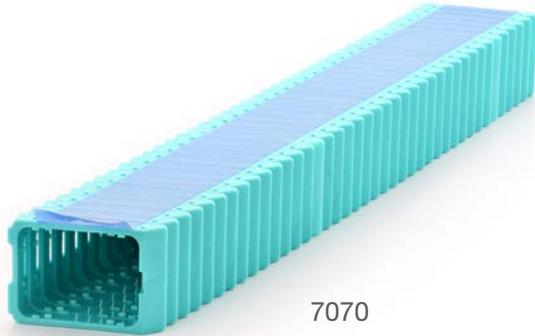
Compatible with LIS integration	Allows lab staff to gather patient and specimen data directly from the LIS to use in cassette and slide printing operations
Template construction ability	Enables lab to design templates that define the information required including fixed and variable fields
1D and 2D barcode creation capability	Supports integration of alpha numeric data into barcode for downstream automation
Control multiple types of Sakura printers	Operates the SmartWrite Slide Printer, SmartWrite Cassette Printers, and Tissue-Tek AutoWrite Cassette Printer within one software
Field population options	Allows the population of fields by either reading a barcode or entering data via key board or touch screen

### Product code Product name and quantity

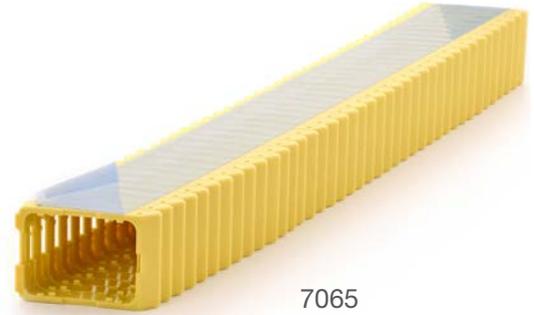
9025 Tissue-Tek® SmartWrite® Software; 1 license

# Tissue-Tek®

## Stacked Frames and Cassettes



7070



7065

### Tissue-Tek® Paraform® Stacked Frames

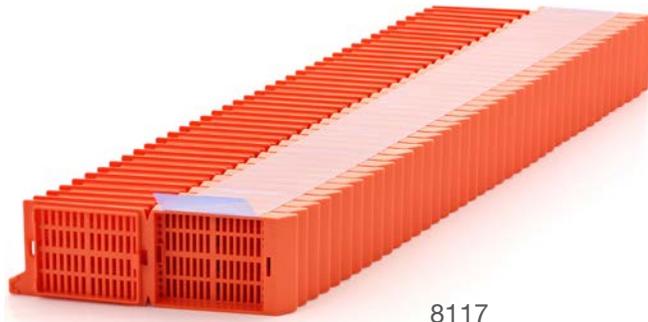
Each 400 frames/box consists of 10 sleeves x 40 frames - conveniently taped in sleeves for easy loading into the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

Product code	Product name and quantity
7070	Tissue-Tek® Paraform® Stacked Frames Aqua; 400 stacked frames/box
7071	Tissue-Tek® Paraform® Stacked Frames Blue; 400 stacked frames/box
7072	Tissue-Tek® Paraform® Stacked Frames Gray; 400 stacked frames/box
7073	Tissue-Tek® Paraform® Stacked Frames Gold; 400 stacked frames/box
7074	Tissue-Tek® Paraform® Stacked Frames Green; 400 stacked frames/box
7075	Tissue-Tek® Paraform® Stacked Frames Lilac; 400 stacked frames/box
7076	Tissue-Tek® Paraform® Stacked Frames Orange; 400 stacked frames/box
7077	Tissue-Tek® Paraform® Stacked Frames Pink; 400 stacked frames/box
7078	Tissue-Tek® Paraform® Stacked Frames Red; 400 stacked frames/box
7079	Tissue-Tek® Paraform® Stacked Frames Tan; 400 stacked frames/box
7080	Tissue-Tek® Paraform® Stacked Frames White; 400 stacked frames/box
7081	Tissue-Tek® Paraform® Stacked Frames Yellow; 400 stacked frames/box

### Tissue-Tek® Paraform® LP Stacked Frames

Each 400 frames/box consists of 10 sleeves x 40 frames. The laser-printable Tissue-Tek® Paraform® LP Stacked Frames are printable on the General Data LaserTrack™ PH1 and PH6 Laser Cassette printers.

Product code	Product name and quantity
7058	Tissue-Tek® Paraform® LP Stacked Frames Orange; 400 stacked frames/box
7064	Tissue-Tek® Paraform® LP Stacked Frames White; 400 stacked frames/box
7065	Tissue-Tek® Paraform® LP Stacked Frames Yellow; 400 stacked frames/box
7067	Tissue-Tek® Paraform® LP Stacked Frames Pink; 400 stacked frames/box



8117

### Tissue-Tek® Uni-Cassette® Standard Stacked Cassettes

Each 400 cassettes/box consists of 10 sleeves x 40 cassettes - conveniently taped in sleeves for easy loading into Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.



8045

### Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes

Each 400 cassettes/box consists of 10 sleeves x 40 cassettes - conveniently taped in sleeves for easy loading into Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

Product code	Product name and quantity
8117	Tissue-Tek® Uni-Cassette® Stacked Cassettes Orange; 400 cassettes/box
8118	Tissue-Tek® Uni-Cassette® Stacked Cassettes Lilac; 400 cassettes/box
8119	Tissue-Tek® Uni-Cassette® Stacked Cassettes Gold; 400 cassettes/box
8120	Tissue-Tek® Uni-Cassette® Stacked Cassettes Aqua; 400 cassettes/box
8135	Tissue-Tek® Uni-Cassette® Stacked Cassettes Red; 400 cassettes/box
8153	Tissue-Tek® Uni-Cassette® Stacked Cassettes Tan; 400 cassettes/box
8154	Tissue-Tek® Uni-Cassette® Stacked Cassettes Yellow; 400 cassettes/box
8155	Tissue-Tek® Uni-Cassette® Stacked Cassettes Pink; 400 cassettes/box
8156	Tissue-Tek® Uni-Cassette® Stacked Cassettes Green; 400 cassettes/box
8157	Tissue-Tek® Uni-Cassette® Stacked Cassettes Blue; 400 cassettes/box
8170	Tissue-Tek® Uni-Cassette® Stacked Cassettes White; 400 cassettes/box
8180	Tissue-Tek® Uni-Cassette® Stacked Cassettes Gray; 400 cassettes/box

Product code	Product name and quantity
8045	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Red; 400 cassettes/box
8086	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes White; 400 cassettes/box
8087	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Blue; 400 cassettes/box
8088	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Yellow; 400 cassettes/box
8090	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Orange; 400 cassettes/box
8172	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Grey; 400 cassettes/box
8174	Tissue-Tek® Uni-Cassette® Biopsy Stacked Cassettes Green; 400 cassettes/box

## Tissue-Tek® Uni-Cassette® Biopsy Cassette System



4045



4087

### Tissue-Tek® Uni-Cassette® Biopsy Cassette System

The Tissue-Tek Uni-Cassette Biopsy Cassette System have a snap-latch and hinge-lock cover to prevent the premature separation of lid and base during the processing of small biopsy specimens.

- Biopsy cassettes have 1 mm pores, which eliminates wrapping small specimens
- Tissue-Tek Uni-Cassettes come in two sizes of writing surfaces and can be printed on with the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

Product code	Product name and quantity
4045	Tissue-Tek® Uni-Cassette® Biopsy Red; 500 cassettes/case
4086	Tissue-Tek® Uni-Cassette® Biopsy White; 500 cassettes/case
4087	Tissue-Tek® Uni-Cassette® Biopsy Blue; 500 cassettes/case
4088	Tissue-Tek® Uni-Cassette® Biopsy Yellow; 500 cassettes/case
4090	Tissue-Tek® Uni-Cassette® Biopsy Orange; 500 cassettes/case
4172	Tissue-Tek® Uni-Cassette® Biopsy Gray; 500 cassettes/case
4174	Tissue-Tek® Uni-Cassette® Biopsy Green; 500 cassettes/case

# Tissue-Tek® Uni-Cassette® Standard Cassette System



4156-01



4117-01

## Tissue-Tek® Uni-Cassette® Standard Cassette System

The Tissue-Tek Uni-Cassette System is utilized to provide specimen identification and security from the grossing station to the paraffin block.

- Designed for maximum fluid exchange during processing
- Contains a base and attached lid, which is easily removed
- Manufactured from chemical-resistant plastic, including solvents and decalcifying solutions, Tissue-Tek Uni-Cassettes come in two sizes of writing surfaces and can be printed on with the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers
- Tissue-Tek SmartWrite prints only on Tissue-Tek Uni-Cassette Standard Cassettes not the Large Writing Surface Cassettes

### Product code    Product name and quantity

4117-01	Tissue-Tek® Uni-Cassette® Orange; 500 cassettes/case
4118-01	Tissue-Tek® Uni-Cassette® Lilac; 500 cassettes/case
4119-01	Tissue-Tek® Uni-Cassette® Gold; 500 cassettes/case
4120-01	Tissue-Tek® Uni-Cassette® Aqua; 500 cassettes/case
4135-01	Tissue-Tek® Uni-Cassette® Red; 500 cassettes/case
4153-01	Tissue-Tek® Uni-Cassette® Tan; 500 cassettes/case
4154-01	Tissue-Tek® Uni-Cassette® Yellow; 500 cassettes/case
4155-01	Tissue-Tek® Uni-Cassette® Pink; 500 cassettes/case

### Product code    Product name and quantity

4156-01	Tissue-Tek® Uni-Cassette® Green; 500 cassettes/case
4157-01	Tissue-Tek® Uni-Cassette® Blue; 500 cassettes/case
4170-01	Tissue-Tek® Uni-Cassette® White; 1,500 cassettes/case
4180-01	Tissue-Tek® Uni-Cassette® Gray; 500 cassettes/case
4117-02	Tissue-Tek® Uni-Cassette® Orange; Large Writing Surface; 500 cassettes/case
4118-02	Tissue-Tek® Uni-Cassette® Lilac; Large Writing Surface; 500 cassettes/case
4119-02	Tissue-Tek® Uni-Cassette® Gold; Large Writing Surface; 500 cassettes/case
4120-02	Tissue-Tek® Uni-Cassette® Aqua; Large Writing Surface; 500 cassettes/case
4135-02	Tissue-Tek® Uni-Cassette® Red; Large Writing Surface; 500 cassettes/case
4153-02	Tissue-Tek® Uni-Cassette® Tan; Large Writing Surface; 500 cassettes/case
4154-02	Tissue-Tek® Uni-Cassette® Yellow; Large Writing Surface; 500 cassettes/case
4155-02	Tissue-Tek® Uni-Cassette® Pink; Large Writing Surface; 500 cassettes/case
4156-02	Tissue-Tek® Uni-Cassette® Green; Large Writing Surface; 500 cassettes/case
4157-02	Tissue-Tek® Uni-Cassette® Blue; Large Writing Surface; 500 cassettes/case
4170-02	Tissue-Tek® Uni-Cassette® White; Large Writing Surface; 1,500 cassettes/case
4180-02	Tissue-Tek® Uni-Cassette® Gray; Large Writing Surface; 500 cassettes/case

# Histo-Tek®

## Standard and Biopsy Cassette System



9224



9239

### Histo-Tek® Cassettes with Lid Attached

Histo-Tek Cassettes offer your lab a secure, efficient, and economical solution for tissue processing in the form of standard and biopsy cassettes. Sure-locking lids and closure guides prevent premature separation of lid and base during processing. Plastic disposable lids, easily removable with a twist, eliminate the need for cleaning. Histo-Tek Cassettes are resistant to solvents and decalcifying solutions. For biopsy needs, Histo-Tek biopsy cassettes feature 1 mm pores instead of slots, eliminating the need to wrap most small specimens and greatly reducing the risk of specimen loss.

Product code	Product name and quantity
9220	Histo-Tek® Standard with Lid Attached Aqua; 1,000 cassettes/box
9221	Histo-Tek® Standard with Lid Attached Blue; 1,000 cassettes/box
9222	Histo-Tek® Standard with Lid Attached Gold; 1,000 cassettes/box
9223	Histo-Tek® Standard with Lid Attached Green; 1,000 cassettes/box
9224	Histo-Tek® Standard with Lid Attached Lilac; 1,000 cassettes/box

Product code	Product name and quantity
9225	Histo-Tek® Standard with Lid Attached Orange; 1,000 cassettes/box
9226	Histo-Tek® Standard with Lid Attached Pink; 1,000 cassettes/box
9227	Histo-Tek® Standard with Lid Attached Red; 1,000 cassettes/box
9228	Histo-Tek® Standard with Lid Attached Tan; 1,000 cassettes/box
9229	Histo-Tek® Standard with Lid Attached White; 1,000 cassettes/box
9230	Histo-Tek® Standard with Lid Attached Yellow; 1,000 cassettes/box
9233	Histo-Tek® Biopsy with Lid Attached Blue; 1,000 cassettes/box
9234	Histo-Tek® Biopsy with Lid Attached Gray; 1,000 cassettes/box
9235	Histo-Tek® Biopsy with Lid Attached Green; 1,000 cassettes/box
9236	Histo-Tek® Biopsy with Lid Attached Orange; 1,000 cassettes/box
9237	Histo-Tek® Biopsy with Lid Attached Red; 1,000 cassettes/box
9238	Histo-Tek® Biopsy with Lid Attached White; 1,000 cassettes/box
9239	Histo-Tek® Biopsy with Lid Attached Yellow; 1,000 cassettes/box





# Storage systems

**Slide and Block Storage Cabinet**  
Tissue-Tek® Lab Aid® Ultra™ II Cabinet

**Slide Filing Cabinet System**  
Tissue-Tek® Lab Aid® Slide Filing Cabinet System

**Block Filing Cabinet**  
Tissue-Tek® Cassette Cabinet

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## Tissue-Tek® Lab Aid® Ultra™ II Slide and Block Storage Cabinet



### Tissue-Tek® Lab Aid® Ultra™ II Slide and Block Storage Cabinet

The Tissue-Tek Lab Aid Ultra II Cabinet is a large capacity storage unit for slides and cassettes with security features. A sturdy steel construction ensures long-term use and a drawer lock guaranteeing specimen safety. The convenient removable trays accommodate up to 80,000 microscope slides or 21,000 blocks. Filing cabinets can be bolted together and stacked two high for maximum storage capacity. Accessories include stackable trays with lids for temporary storage and a trolley with lockable wheels for mobile storage system.

Features	Benefits
Universal tray for cassettes and slides	Trays are compatible with cassette or slide storage eliminating the need for separate inventories
Cabinet can be locked with key	Guarantees specimen safety
Ten reinforced smooth-rolling drawers	Easy opening and closing
Drawers open one at a time	Prevents tipping
Each drawer front has a plastic covered labeling strip	Assures positive identification
Writable color-coded strips	Allows grouping and indexing slides or blocks
Convenient lid for cassette trays	Provides extra protection for blocks and makes the trays stackable for short-term storage of blocks outside the cabinet
Foam inserts for partially filled trays	Secures slides and blocks in the proper upright position
Cabinets can be anchored to the wall	Provides earthquake protection
Optional heavy-duty trolley	Flexibility in storage location

## Specifications

<b>Dimensions</b>	43.3 (W) x 23.4 (D) x 28.1 (H) inches 110 (W) x 59.5 (D) x 71.3 (H) cm
<b>Weight empty cabinet</b>	271 lbs (123 kg)
<b>Weight filled with 96,000 slides</b>	1,290 lbs (585 kg)
<b>Filled with 22,000 blocks</b>	685 lbs (310 kg)
<b>Capacity</b>	
<b>Number of drawers</b>	10
<b>Number of trays per drawer</b>	8 for slides or 16 for blocks, not mixed
<b>Cabinet for slides</b>	Up to 96,000 slides (with direct to slide printed specimen information) Up to 83,200 Film coverslipped slides (with direct to slide printed specimen information) Up to 80,000 glass coverslipped slides (with direct to slide printed specimen information) Up to 80,000 Film or glass coverslipped slides (with 1 paper label)*
<b>Cabinet for blocks</b>	Up to 22,000 blocks (up to 2,200 per drawer)
<b>Slides per tray</b>	Approximately 1,200 standard slides
<b>Blocks per tray</b>	Approximately 138 standard blocks
<b>Rows per tray</b>	4
<b>Tray dimensions</b>	1.3 (W) x 4.7 (D) x 15.4 (H) inches 3.2 (W) x 12.0 (D) x 39.0 (H) cm
<b>Tray dimensions with lid</b>	1.8 (W) x 4.8 (D) x 15.4 (H) inches 4.5 (W) x 12.2 (D) x 39.2 (H) cm
<b>Row width</b>	1.1 inches (2.9 cm)
<b>Load capacity</b>	1,984 lbs (900 kg)

## Product code Product name and quantity

3990	Tissue-Tek® Lab Aid® Ultra™ II Cabinet
3981	Tissue-Tek® Lab Aid® Ultra™ II Tray; 32 trays/box
3982	Tissue-Tek® Lab Aid® Ultra™ II Tray with Lid; 20 trays and lids/box
3980	Tissue-Tek® Lab Aid® Ultra™ II Trolley
3993	Tissue-Tek® Lab Aid® Ultra™ II Foam Inserts; 100 foam inserts/case

\*Number of slides that can be stored may be lower depending on the size, material and number of labels applied to slides. To increase the number of slides stored in the Tissue-Tek® Lab Aid® Ultra™ II Slide and Block Storage Cabinet, consider printing specimen information directly onto the slide, e.g., using the Tissue-Tek® SmartWrite® Slide Printer (product code 9021)

## Tissue-Tek® Lab Aid® Slide Filing Cabinet System



### Tissue-Tek® Lab Aid® Slide Filing Cabinet System

The Tissue-Tek Lab Aid Filing Cabinet System comes with two different filing drawer sections and can be stacked in any combination. The system allows convenient storage and retrieval of microscopic slides or transparencies. The 25 mm drawer section is designed to hold 26 x 76 mm microscopic slides. Each section contains 14 drawers, with a capacity of 465 slides per drawer. The 50 mm drawer section is designed to hold 50 x 50 mm transparencies or 50 x 76 mm microscopic slides. The drawer section is complete with 7 drawers, which will accommodate 271 slides per drawer. The system is constructed of welded steel for durability and requires 495 x 495 mm of floor space. Slide backstops easily attach to the inside of the drawers to hold slides in place when drawer is not full.

#### Features

Separate drawer sections a floor base and top panel can be purchased as individual items

Two different filing drawer sections (25 mm and 50 mm)

Slide backstops easily attach to the inside of the drawers

Welded steel construction

#### Benefits

Enables stacking of drawers to build a filing cabinet system based on customer needs

Enables filing system for 26 x 76 mm slides, 50 x 50 mm transparencies or 76 x 50 mm slides and the drawers can be stacked in any combination

Holds the slides in place when drawer is not full

Enables safe stacking and is durable

Product code	Product name and quantity
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4010	Tissue-Tek® Lab Aid® Floor Base, Green
4011	Tissue-Tek® Lab Aid® Floor Base, Beige
4012	Tissue-Tek® Lab Aid® Top Panel, Green
4013	Tissue-Tek® Lab Aid® Top Panel, Beige
4014	Tissue-Tek® Lab Aid® Drawer Section 14 x 25 x 76 mm, Green
4015	Tissue-Tek® Lab Aid® Drawer Section 14 x 25 x 76 mm, Beige
4016	Tissue-Tek® Lab Aid® Drawer Section 7 x 76 x 50 mm, Green
4017	Tissue-Tek® Lab Aid® Drawer Section 7 x 76 x 50 mm, Beige

### Specifications

Color choice	Green or beige
Construction	Welded steel
Dimensions	Floor base: 533 (W) x 533 (D) x 114 (H) mm; 2.4 kg
	Top panel: 533 (W) x 533 (D) x 63 (H) mm; 3.2 kg
	25 mm drawer section: 533 (W) x 533 (D) x 177 (H) mm; 11 kg
	50 mm drawer section: 533 (W) x 533 (D) x 177 (H) mm; 9 kg
Capacity	25 mm drawer section: 14 drawers, 6,500 standard slides
	50 mm drawer section, green: 7 drawers, 1,897 transparencies 25 mm drawer vertical filing: 465 standard slides

# Tissue-Tek® Cassette Cabinet



## Tissue-Tek® Cassette Cabinet

Compact and stackable for efficient storage, the Tissue-Tek Cassette Cabinet provides a permanent storage and reference unit for blocks embedded in Tissue-Tek® Embedding Rings and Cassettes. The filing cabinets are stackable and accommodate 1,000 rings or 1,500 cassettes. One-piece construction eliminates hinges and doors and provides dust-free storage.

Includes 6 impact-resistant plastic drawers with identification area.

Features	Benefits
One-piece construction	Eliminates hinges and doors for dust-free storage
Front panel of the drawer angled	Label can be read while standing up when the cabinet is on the floor
Drawers with front writable surface	Generous space for identification labeling
Drawers when closed have a latch mechanism	Prevents accidental opening if the cabinet is tilted
Recess for the fingers on the front of the drawer	Accommodates small and large fingers
Compact light and stackable	Efficient use of storage space

## Product code Product name and quantity

4192 Tissue-Tek® Cassette Cabinet

## Specifications

<b>Dimensions</b>	17.0 (W) x 5.5 (D) x 15.5 (H) inches
	43.2 (W) x 14.0 (D) x 39.4 (H) cm
<b>Capacity</b>	1,500 cassettes or 1,000 embedding rings
<b>Number of drawers</b>	6

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