

# Histology and Cytology Product Catalog 2018

Sakura Finetek USA



continuous innovation for pathology



# Welcome to Catalog 2018

Welcome to the new updated catalog of Sakura Finetek USA.

We have been working diligently for the past two years to create a totally new corporate identity that offers you a new informational and visual experience reflective of our internal developments and the rapid developments in anatomic pathology.

We are very excited to present this fresh new look!

We continue to develop and introduce exciting products that strive to meet the highest quality and reliability standards, safety for both our precious patient specimens and the laboratory users of our products.

I would like to thank all our valued customers for their support over the last 31 years! We value your business and we would not be Sakura Finetek if not for your gracious loyalty and confidence in our people, products, and services.

Takashi Tsuzuki  
Chairman and CEO Sakura Finetek USA, Inc.

## 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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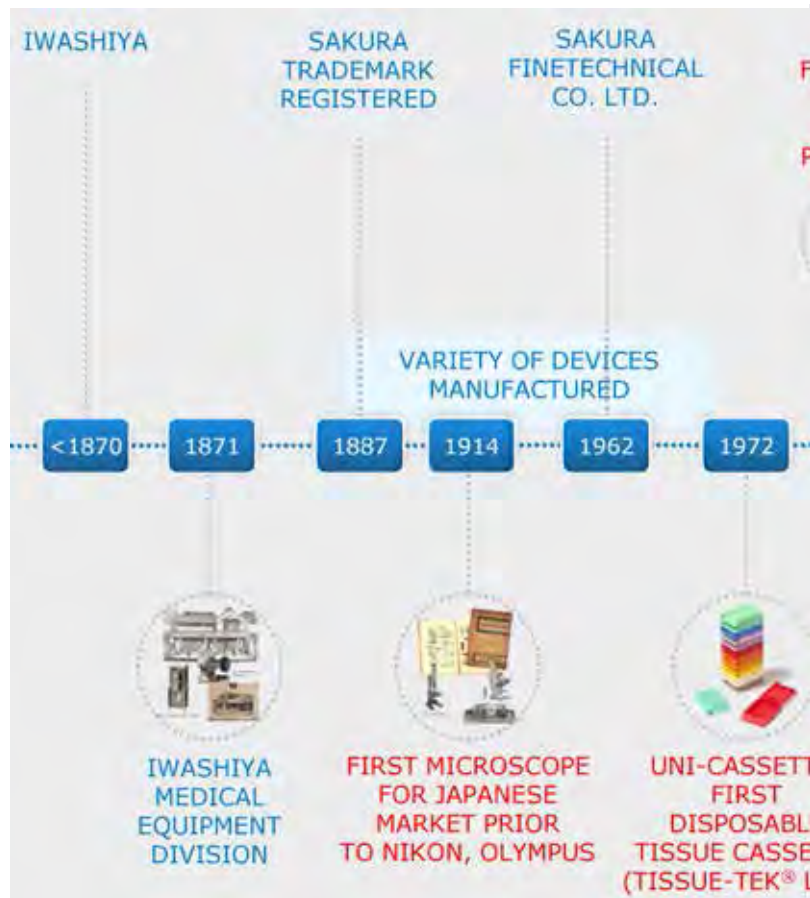


## Sakura Finetek history

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.

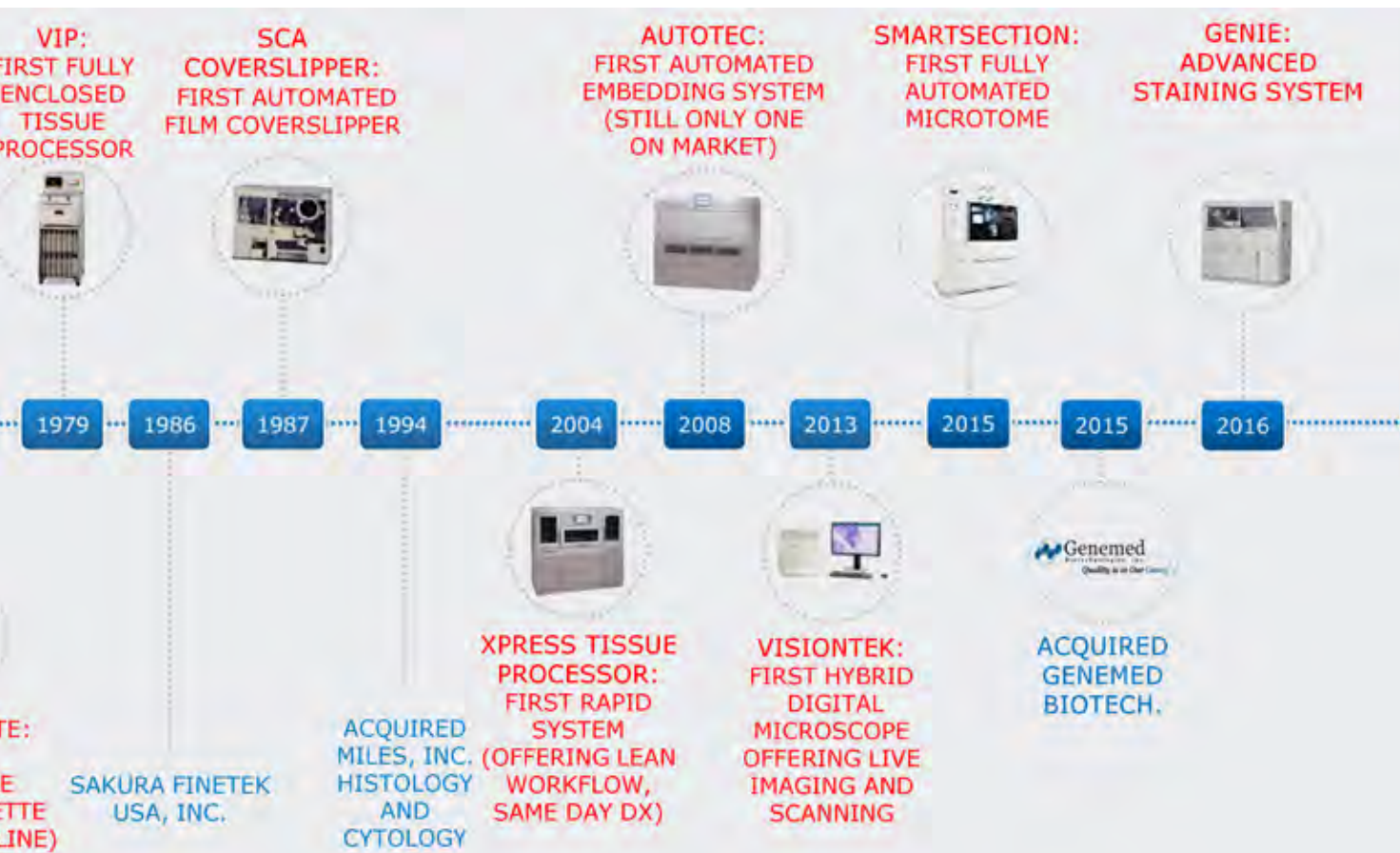
Over the years several product lines have grown the portfolio in histology, cytology, and advanced staining. Several product families have changed how laboratories are working and achieving better and faster results today supporting the standardization in pathology: Tissue-Tek VIP®, Tissue-Tek Xpress®,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



Tissue-Tek Film®, Accu-Edge® Blade Systems, Accu-Cut® Microtomes, Tissue-Tek® Paraform® Sectioning System, Tissue-Tek® Uni-Cassette®, VisionTek® 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



### Sakura Finetek Webinar Series

Sakura Finetek USA, Inc. is proud to offer FREE monthly webinars in 2018 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** to register one person or the entire lab.
2. Click the "Register/Sign in" link to register for or log in to My Sakura.
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 library

To continue to learn from experts in the field of histology, it is now possible to access the Sakura Finetek Webinar Series 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 Library please follow the steps below:

1. Visit **www.sakuraus.com** to access the Webinar Library.
2. Click the "Register/Sign in" link to register for or log in to My Sakura.
3. Once logged in, click on the "Education" link and select "Webinar archive." Select the Webinar for viewing.
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 2018

### January 21-26

42nd Annual Review and Recent Practical Advances in Pathology

The W Hotel, Miami Beach, FL

### March 17-23

United States Canadian Academy of Pathology Annual Meeting

Vancouver Convention Center, Vancouver BC, Canada

### May 3-6

50th Annual Meeting American College of Mohs Surgery  
Hilton Chicago, Chicago, IL

### May 21-24

Pathology Informatics Summit

Wyndham Grand Pittsburgh Downtown, Pittsburgh, PA

### August 9-12

Practical Symposium,

A Cockerell Educational Foundation Event

Park Hyatt, Beaver Creek, CO

### September 21-26

44th Annual NSH Symposium/Convention

America's Center Convention Complex, St. Louis, MO

### September 23-28

44th Annual Continuing Education Conference

New Orleans Marriott, New Orleans, LA

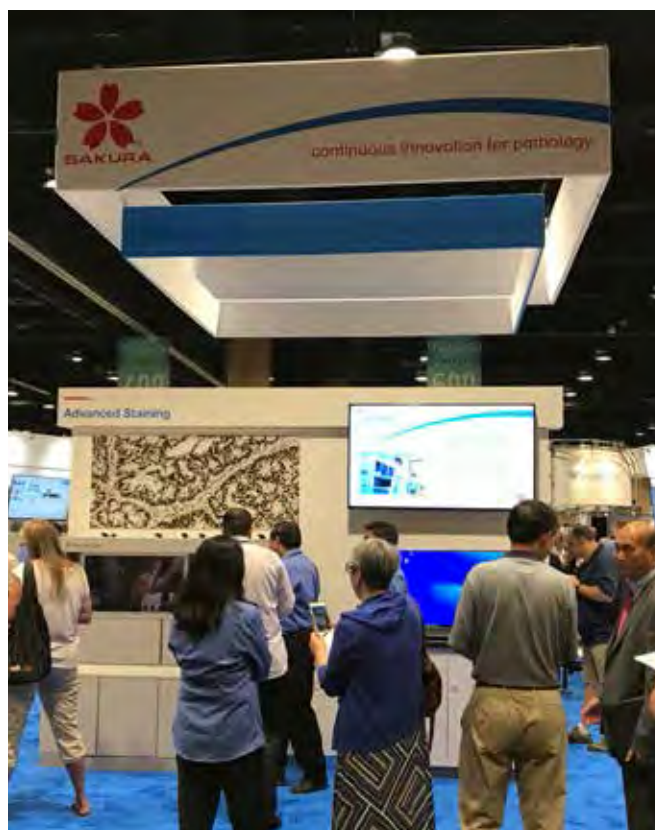
### October 3-5

ASCP 2018 Annual Meeting

Baltimore, MD

### October 21-24

College of American Pathologists, The Pathologists Meeting  
Hyatt Regency, Chicago, IL



### November 4-6

Digital Pathology Association Pathology Visions

Manchester Grand Hyatt, San Diego, CA

### November 8-11

American Society of Mohs Surgery, Fundamentals of Mohs Surgery

Doubletree Hotel, Mission Valley, San Diego, CA

### November 10-13

66th Annual Scientific Meeting American Society of Cytopathology  
Omni Shoreham Hotel, Washington



**Tissue-Tek AutoSection®**  
Automated Microtome, page 76



**Tissue-Tek® SmartWrite®**  
Slide Printer, page 118



**Tissue-Tek AutoTEC® a120**  
Automated Embedding System, page 58



**Tissue-Tek Xpress® x120**  
Rapid Tissue Processor, page 48

**Continuous workflow**

**Same-day diagnosis**

**Standardized**

**Proven reliability**



**Tissue-Tek® SmartWrite®**  
Cassette Printer with AutoLoader, page 114



# Sakura Finetek SMART automation workflow



**Tissue-Tek Prisma® Plus /Tissue-Tek Film® Coverslipper,**  
page 84

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. There you place the specimens into the Tissue-Tek Paraform Sectionable Cassette System, which enables you to increase specimen safety and eliminate manual embedding steps downstream by loading them onto the Tissue-Tek AutoTEC

a120. In parallel you want to 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, you are now ready to 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, you can 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. Finally, pathologists can use VisionTek M6 for fast real-time second opinion remote consults from the convenience of their desk. Partner with Sakura Finetek for advanced automation.



**VisionTek® M6**  
**Digital Microscope, page 128**

\* The snapshot, partial scan, and whole slide scanned images are for research use only (RUO) in the USA.



**Tissue-Tek® Accu-Edge® PathPRO™**  
**Grossing Station, page 17**



**Tissue-Tek® Paraform®**  
**Sectionable Cassette System, page 31**



Accu-Cut® SRM™ 200  
Rotary Microtome, page 78



Tissue-Tek® TEC™ 5  
Tissue Embedding Console System, page 62



Tissue-Tek VIP® 6 AI  
Vacuum Infiltration Processor, page 52



Tissue-Tek® SmartWrite®  
Cassette Printer with AutoLoader, page 114

**Batch workflow**

**Unchanged**

**Open platform**

**Proven reliability**

## Sakura Finetek conventional workflow



Tissue-Tek® SmartWrite®  
Slide Printer, page 118



Tissue-Tek Prisma® Plus /Tissue-Tek Glas™ g2, page 84

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-Cassettes 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 you can 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 5 for manual embedding. You now decide to reduce waiting time by printing slides with a fast SmartWrite Slide Printer in up to 8 colors, and to cut sections appreciating the optimal tactile response of the Accu-Cut SRM 200 Rotary Microtome. Finally, you choose to 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. It will be a pleasure to assist you in making your choices and supporting you in a fast and stress-free implementation.



Tissue-Tek® Uni-Cassette® System, page 28



Tissue-Tek® Accu-Edge®  
Grossing Station, Pathology Work Station ,  
page 17



## 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.

With this in mind, Sakura Finetek has developed several service options to meet your laboratory instrumentation needs. Each option, thoughtfully 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 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.

Sakura Finetek service solutions offers you:

- Professional and highly trained staff
- Maximized instrument performance
- Cost control and predictability
- Real-time connectivity

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® Cryo3® 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 Xpress® x50**  
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™

## Grossing tools

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

## 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

## 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.

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

Constructed from high-quality 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 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 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 PathPRO Grossing Station is available as an adjustable or fixed height unit. The elevating grossing station, product code 0137, has the ability to from 32 to 44 inches to accommodate all lab personnel.

<b>Product code</b>	<b>Product name and quantity</b>
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
0178	Tissue-Tek® Accu-Edge® Halogen Light, Flex Arm
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
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

\*(FO) Factory Option

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

### 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
4802	Tissue-Tek® Accu-Edge® Grossing Wells
4803	Tissue-Tek® Accu-Edge® Grossing Fork, 1.5 mm
4804	Tissue-Tek® Accu-Edge® Grossing Fork, 2.0 mm
4807	Tissue-Tek® Accu-Edge® Grossing Fork, 2.5 mm
4814	Tissue-Tek® Accu-Edge® Cleaning Brush
4846	Tissue-Tek® Accu-Edge® Tamper Set
4847	Tissue-Tek® Accu-Edge® Gauge Set
4848	Tissue-Tek® Accu-Edge® Grossing Wells, Left-handed

## Tissue-Tek® Accu-Edge®

### Grossing and trimming



#### Tissue-Tek® Accu-Edge®

##### Trimming knife series

The Tissue-Tek Accu-Edge trimming knife series features two sturdy 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. Advanced design enables quick, easy blade removal and replacement.

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



#### Tissue-Tek® Accu-Edge®

##### Dissecting Scalpel series

The Tissue-Tek Accu-Edge Dissecting Scalpel series features an autoclavable, chemical resistant handle designed to hold your choice of two possible dissecting blades. The two different dissecting blades consist of a wide, curved tip (F-61) or a small, pointed tip for various applications. Advanced design enables quick, easy blade removal and replacement.

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/case
4793	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #62, Pointed Tip; 20/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 chemical 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.

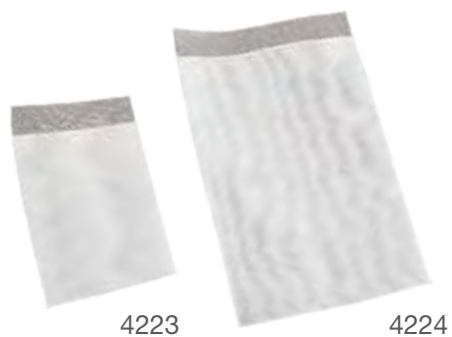
Product code	Product name and quantity
4781	Tissue-Tek® Accu-Edge® Autopsy Knife Handle
4782	Tissue-Tek® Accu-Edge® Autopsy Blade, 100 mm; 5/case
4783	Tissue-Tek® Accu-Edge® Autopsy Blade, 170 mm; 5/case
4784	Tissue-Tek® Accu-Edge® Brain Blade, 325 mm; 5/case

### 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/case
4796	Tissue-Tek® Accu-Edge® Replaceable Blade, Sharp/Blunt; 5/case
4797	Tissue-Tek® Accu-Edge® Replaceable Blade, Blunt/Blunt; 5/case

## Tissue-Tek® Biopsy Bags

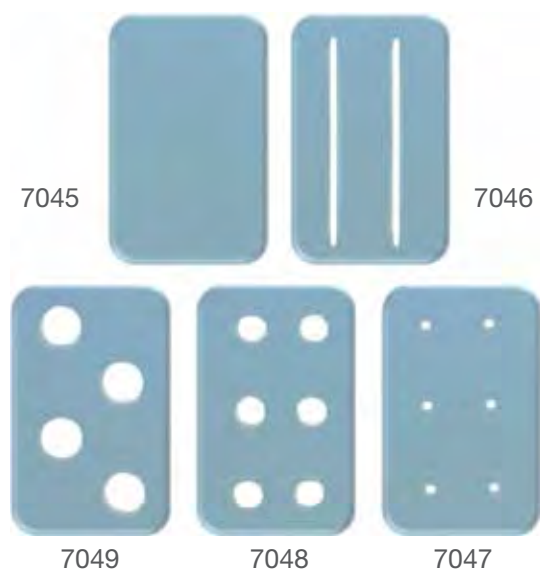


### Tissue-Tek® Biopsy Bags

Reduce risk of small specimen loss during tissue processing.  
Design allows unrestricted fluid movement around tissue. Bags  
peel open for quick and easy specimen removal at embedding.

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

## Tissue-Tek® Paraform® Tissue Orientation Gels



### 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.

Product code	Product name and quantity
7045	Tissue-Tek® Paraform® Biopsy Gels; 500/case
7046	Tissue-Tek® Paraform® 2-Lane Gels; 500/case
7047	Tissue-Tek® Paraform® 1-mm Punch Gels; 500/case
7048	Tissue-Tek® Paraform® 2-mm Punch Gels; 500/case
7049	Tissue-Tek® Paraform® 3-mm Punch Gels; 500/case

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
5 different gel styles	Supports a variety of tissue samples including skin shaves and other small biopsies

## 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
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 unit, 9159
9151	Tissue-Tek® FormaGO® Formalin Neutralizer; 16/case

Product code	Product name and quantity
9152	Tissue-Tek® FormaGO® Formaldehyde Analysis Kit; 2 x Test Reagent; 1 x Formaldehyde Test Strips
9154	Tissue-Tek® FormaGO® Formalin Absorption Wipes; 100/case
9155	Tissue-Tek® FormaGO® Formalin Pads, Small 2 x 3 inches; 1000/case
9156	Tissue-Tek® FormaGO® Formalin Pads, Medium 5.5 x 8.5 inches; 200/case
9157	Tissue-Tek® FormaGO® Formalin Pads, Large 8 x 10 inches; 100/case
9158	Tissue-Tek® FormaGO® Formalin Absorption Granules; 2/case
9159	Tissue-Tek® FormaGO® Formalin Neutralizer Container, 9.5L





### **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® AutoWrite®, Tissue-Tek® SmartWrite®, and other cassette 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/case
4118-01	Tissue-Tek® Uni-Cassette® Lilac; 500/case
4119-01	Tissue-Tek® Uni-Cassette® Gold; 500/case
4120-01	Tissue-Tek® Uni-Cassette® Aqua; 500/case
4135-01	Tissue-Tek® Uni-Cassette® Red; 500/case
4153-01	Tissue-Tek® Uni-Cassette® Tan; 500/case
4154-01	Tissue-Tek® Uni-Cassette® Yellow; 500/case
4155-01	Tissue-Tek® Uni-Cassette® Pink; 500/case
4156-01	Tissue-Tek® Uni-Cassette® Green; 500/case
4157-01	Tissue-Tek® Uni-Cassette® Blue; 500/case
4170-01	Tissue-Tek® Uni-Cassette® White; 1,500/case

Product code	Product name and quantity
4171-01	Tissue-Tek® Uni-Cassette® White; with One Storage Cabinet; 1,500/case
4180-01	Tissue-Tek® Uni-Cassette® Gray; 500/case
4117-02	Tissue-Tek® Uni-Cassette® Orange; Large Writing Surface; 500/case
4118-02	Tissue-Tek® Uni-Cassette® Lilac; Large Writing Surface; 500/case
4119-02	Tissue-Tek® Uni-Cassette® Gold; Large Writing Surface; 500/case
4120-02	Tissue-Tek® Uni-Cassette® Aqua; Large Writing Surface; 500/case
4135-02	Tissue-Tek® Uni-Cassette® Red; Large Writing Surface; 500/case
4153-02	Tissue-Tek® Uni-Cassette® Tan; Large Writing Surface; 500/case
4154-02	Tissue-Tek® Uni-Cassette® Yellow; Large Writing Surface; 500/case
4155-02	Tissue-Tek® Uni-Cassette® Pink; Large Writing Surface; 500/case
4156-02	Tissue-Tek® Uni-Cassette® Green; Large Writing Surface; 500/case
4157-02	Tissue-Tek® Uni-Cassette® Blue; Large Writing Surface; 500/case
4170-02	Tissue-Tek® Uni-Cassette® White; Large Writing Surface; 1,500/case
4171-02	Tissue-Tek® Uni-Cassette® White; Large Writing Surface; with One Storage Cabinet; Large Writing Surface; 1,500/case
4180-02	Tissue-Tek® Uni-Cassette® Gray; Large Writing Surface; 500/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® AutoWrite®, Tissue-Tek® SmartWrite®, and other cassette printers

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

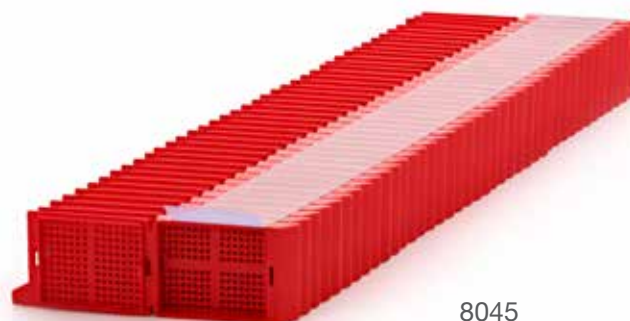
# Tissue-Tek® Uni-Cassette® Stacked Cassettes



8117

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

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



8045

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

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

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

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

# 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 examination.

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, 13mm x 13mm; 500/case
7020	Tissue-Tek® Paraform® Biopsy Cassette; 500/case
7021	Tissue-Tek® Paraform® Standard Cassette; 500/case
7022	Tissue-Tek® Paraform® Orientation Cassette; 500/case
7023	Tissue-Tek® Paraform® Shaved Biopsy Cassette; 500/case
7024	Tissue-Tek® Paraform® Core Biopsy Cassette; 500/case
7015	Tissue-Tek® Paraform® Cassette Tamper
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3, 1 kg; 8/case
7055	Tissue-Tek® Paraform® Standard Base Mold, 32mm x 28mm; 12/case
7056	Tissue-Tek® Paraform® Biopsy/Orientation Base Mold, 30 x 19 mm; 12/case
7057	Tissue-Tek® Paraform® Biopsy Base Mold, 13 mm x 13 mm; 12/case
7089	Tissue-Tek® Feather® Low Profile Microtome Blades; 500/case
7030	Tissue-Tek® Paraform® Frames Aqua; 500/case
7031	Tissue-Tek® Paraform® Frames Blue; 500/case
7032	Tissue-Tek® Paraform® Frames Gray; 500/case
7033	Tissue-Tek® Paraform® Frames Gold; 500/case
7034	Tissue-Tek® Paraform® Frames Green; 500/case
7035	Tissue-Tek® Paraform® Frames Lilac; 500/case
7036	Tissue-Tek® Paraform® Frames Orange; 500/case
7037	Tissue-Tek® Paraform® Frames Pink; 500/case
7038	Tissue-Tek® Paraform® Frames Red; 500/case
7039	Tissue-Tek® Paraform® Frames Tan; 500/case
7040	Tissue-Tek® Paraform® Frames White; 500/case
7041	Tissue-Tek® Paraform® Frames Yellow; 500/case



7070

### Tissue-Tek® Paraform® Stacked Frames

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

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



# Histo-Tek®

## Standard and Biopsy Cassettes



### Histo-Tek® Cassettes with Lid Attached and Lid Detached

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 solvent and decalcifying solutions, and have unlimited applications, including identifying surgical specimens from autopsies, STAT biopsies, and frozen sections. 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/case
9221	Histo-Tek® Standard with Lid Attached Blue; 1,000/case
9222	Histo-Tek® Standard with Lid Attached Gold; 1,000/case
9223	Histo-Tek® Standard with Lid Attached Green; 1,000/case
9224	Histo-Tek® Standard with Lid Attached Lilac; 1,000/case
9225	Histo-Tek® Standard with Lid Attached Orange; 1,000/case
9226	Histo-Tek® Standard with Lid Attached Pink; 1,000/case
9227	Histo-Tek® Standard with Lid Attached Red; 1,000/case
9228	Histo-Tek® Standard with Lid Attached Tan; 1,000/case
9229	Histo-Tek® Standard with Lid Attached White; 1,000/case
9230	Histo-Tek® Standard with Lid Attached Yellow; 1,000/case

Product code	Product name and quantity
9233	Histo-Tek® Biopsy with Lid Attached Blue; 1,000/case
9234	Histo-Tek® Biopsy with Lid Attached Gray; 1,000/case
9235	Histo-Tek® Biopsy with Lid Attached Green; 1,000/case
9236	Histo-Tek® Biopsy with Lid Attached Orange; 1,000/case
9237	Histo-Tek® Biopsy with Lid Attached Red; 1,000/case
9238	Histo-Tek® Biopsy with Lid Attached White; 1,000/case
9239	Histo-Tek® Biopsy with Lid Attached Yellow; 1,000/case
9340	Histo-Tek® Standard with Lid Detached Blue; 500/case
9341	Histo-Tek® Standard with Lid Detached Gray; 500/case
9342	Histo-Tek® Standard with Lid Detached Green; 500/case
9343	Histo-Tek® Standard with Lid Detached Lilac; 500/case
9344	Histo-Tek® Standard with Lid Detached Orange; 500/case
9345	Histo-Tek® Standard with Lid Detached Pink; 500/case
9346	Histo-Tek® Standard with Lid Detached Tan; 500/case
9347	Histo-Tek® Standard with Lid Detached White; 500/case
9348	Histo-Tek® Standard with Lid Detached Yellow; 500/case
9350	Histo-Tek® Biopsy with Lid Detached Blue; 500/case
9351	Histo-Tek® Biopsy with Lid Detached Gray; 500/case
9352	Histo-Tek® Biopsy with Lid Detached Green; 500/case
9353	Histo-Tek® Biopsy with Lid Detached Lilac; 500/case
9354	Histo-Tek® Biopsy with Lid Detached Orange; 500/case
9355	Histo-Tek® Biopsy with Lid Detached Pink; 500/case
9356	Histo-Tek® Biopsy with Lid Detached Tan; 500/case
9357	Histo-Tek® Biopsy with Lid Detached White; 500/case
9358	Histo-Tek® Biopsy with Lid Detached Yellow; 500/case

## Tissue-Tek® Processing/Embedding Cassette System



4125



8125



4194



### 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.

Product code	Product name and quantity
4125	Tissue-Tek® Processing/Embedding Cassette Tan; 1,500/case
4126	Tissue-Tek® Processing/Embedding Cassette Orange; 1,500/case
4127	Tissue-Tek® Processing/Embedding Cassette Lilac; 1,500/case
4128	Tissue-Tek® Processing/Embedding Cassette Gold; 1,500/case
4129	Tissue-Tek® Processing/Embedding Cassette Aqua; 1,500/case
4179	Tissue-Tek® Processing/Embedding Cassette Yellow; 1,500/case
4182	Tissue-Tek® Processing/Embedding Cassette Pink; 1,500/case
4183	Tissue-Tek® Processing/Embedding Cassette Green; 1,500/case
4184	Tissue-Tek® Processing/Embedding Cassette Blue; 1,500/case
4187	Tissue-Tek® Processing/Embedding Cassette White; 1,500/case
4189	Tissue-Tek® Processing/Embedding Cassette White with 1 storage cabinet; 1,500/case
4190	Tissue-Tek® Processing/Embedding Cassette Clear with 1 storage cabinet; 1,500/case
4191	Tissue-Tek® Processing/Embedding Cassette Clear; 1,500/case
4194	Tissue-Tek® Processing/Embedding Cassette Cover; 25/case
8125	Tissue-Tek® Processing/Embedding Stacked Tan; 400/case
8126	Tissue-Tek® Processing/Embedding Stacked Orange; 400/case
8127	Tissue-Tek® Processing/Embedding Stacked Lilac; 400/case
8128	Tissue-Tek® Processing/Embedding Stacked Gold; 400/case
8129	Tissue-Tek® Processing/Embedding Stacked Aqua; 400/case
8179	Tissue-Tek® Processing/Embedding Stacked Yellow; 400/case
8182	Tissue-Tek® Processing/Embedding Stacked Pink; 400/case
8183	Tissue-Tek® Processing/Embedding Stacked Green; 400/case
8184	Tissue-Tek® Processing/Embedding Stacked Blue; 400/case
8187	Tissue-Tek® Processing/Embedding Stacked White; 400/case



## 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/case
4173	Tissue-Tek® Mega-Cassette™; 750/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 Service Link, 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 Service Link	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® Cryo <sub>3</sub> ® Flex Cryostat, Basic
6201	Tissue-Tek® Cryo <sub>3</sub> ® Flex Cryostat, D
6202	Tissue-Tek® Cryo <sub>3</sub> ® Flex Cryostat, DM
6210	Tissue-Tek® Cryo <sub>3</sub> ® Flex Anti-Roll Plate
6211	Tissue-Tek® Cryo <sub>3</sub> ® Flex Anti-Roll Rake
6212	Tissue-Tek® Cryo <sub>3</sub> ® Flex Drain Cover
6213	Tissue-Tek® Cryo <sub>3</sub> ® Flex Utility Tray
6214	Tissue-Tek® Cryo <sub>3</sub> ® Flex Utility Tray, Numbered
6215	Tissue-Tek® Cryo <sub>3</sub> ® Flex Round Ergonomic Handle
6216	Tissue-Tek® Cryo <sub>3</sub> ® Flex Oblong Ergonomic Handle
6217	Tissue-Tek® Cryo <sub>3</sub> ® Flex Seismic Anchoring Kit
6220	Tissue-Tek® Cryo <sub>3</sub> ® Flex Dual Ozone Lamp Assembly
4689	Accu-Edge® Low Profile Blade Dispenser; 500/case
4685	Accu-Edge® High Profile Blade Dispenser; 500/case
4728	Cryomold®, Standard; 1200/case
4730	Cryomold®, Biopsy; 1200/case
5807	Tissue-Tek® Specimen Holders, Small 26 mm; 6/case
5808	Tissue-Tek® Specimen Holders, Medium 36 mm; 6/case
5809	Tissue-Tek® Specimen Holders, Large 55 mm; 6/case
5811	Tissue-Tek® Cryo <sub>3</sub> ® Heat Extractor, Standard
5819	Cryobar® Insert, 4 cavities
5820	Cryobar® Insert, 4 post

Product code	Product name and quantity
5825	Tissue-Tek® Cryo <sub>3</sub> ® Waste Bottle
5826	Tissue-Tek® Cryo <sub>3</sub> ® Vacuum Filter Set
5827	Tissue-Tek® Cryo <sub>3</sub> ® Vacuum Hose Attachment
5834	Tissue-Tek® Cryo <sub>3</sub> ® Drain Cleaning Brush
5835	Tissue-Tek® Cryo <sub>3</sub> ® Ozone Port Screen
6033	Tissue-Tek® Uninterrupted Power Supply

### Specifications

<b>Dimensions W x D x H</b>	25.8 x 29.7 x 47.0 inches (65.4 x 75.4 x 119.4 cm)
<b>Weight</b>	373 lbs (169.2 kg)
<b>Power requirement</b>	115/120 VAC, 50/60 Hz, 11 Amps The instrument must be connected to an electrical outlet which supplies the proper voltage (within ± 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 ±2°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: • Long: approximately 135 minutes (warm) • Short: approximately 45 minutes (cold) Automatic start: always performs a long disinfection cycle. Start time can be set within a 24 hour period

## 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 Service Link	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® Cryo <sub>3</sub> ® Flex Cryostat, Mohs
6210	Tissue-Tek® Cryo <sub>3</sub> ® Flex Anti-Roll Plate
6211	Tissue-Tek® Cryo <sub>3</sub> ® Flex Anti-Roll Rake
6212	Tissue-Tek® Cryo <sub>3</sub> ® Flex Drain Cover
6213	Tissue-Tek® Cryo <sub>3</sub> ® Flex Utility Tray
6214	Tissue-Tek® Cryo <sub>3</sub> ® Flex Utility Tray, Numbered
6215	Tissue-Tek® Cryo <sub>3</sub> ® Flex Round Ergonomic Handle
6216	Tissue-Tek® Cryo <sub>3</sub> ® Flex Oblong Ergonomic Handle
6217	Tissue-Tek® Cryo <sub>3</sub> ® Flex Seismic Anchoring Kit
4689	Accu-Edge® Low Profile Blade Dispenser; 500/case
4685	Accu-Edge® High Profile Blade Dispenser; 500/case
4728	Cryomold®, Standard; 1200/case
4730	Cryomold®, Biopsy; 1200/case
5807	Tissue-Tek® Specimen Holders, Small 26 mm; 6/case
5808	Tissue-Tek® Specimen Holders, Medium 36 mm; 6/case
5809	Tissue-Tek® Specimen Holders, Large 55 mm; 6/case
5811	Tissue-Tek® Cryo <sub>3</sub> ® Heat Extractor, Standard
5819	Cryobar® Insert, 4 cavities
5820	Cryobar® Insert, 4 post
5825	Tissue-Tek® Cryo <sub>3</sub> ® Waste Bottle
5834	Tissue-Tek® Cryo <sub>3</sub> ® Drain Cleaning Brush
6033	Tissue-Tek® Uninterrupted Power Supply (UPS), 30 minutes

## Specifications

<b>Dimensions W x D x H</b>	25.8 x 29.7 x 47.0 inches (65.4 x 75.4 x 119.4 cm)
<b>Weight</b>	373 lbs (169.2 kg)
<b>Power requirement</b>	115/120 VAC, 50/60 Hz, 11 Amps The instrument must be connected to an electrical outlet which supplies the proper voltage (within ± 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 ±2°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 micron 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 techs 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

## Tissue-Tek® O.C.T. Compound



### Tissue-Tek® O.C.T. Compound

Tissue-Tek O.C.T. Compound is a formulation of water soluble glycols and resins, providing a convenient specimen matrix for cryostat sectioning at temperatures of -10°C and below. No residue is left on slides during the staining procedure eliminating undesirable background staining.

Product code	Product name and quantity
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4583	Tissue-Tek® O.C.T. Compound; 12/case
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# Tissue-Tek® Cryo<sub>3</sub>® Plus

## Cryostat accessories

Product code	Product name and quantity
5807	Tissue-Tek® Cryo <sub>3</sub> ® Specimen Holders, Small 26 mm; 6/case
5808	Tissue-Tek® Cryo <sub>3</sub> ® Specimen Holders, Medium 36 mm; 6/case
5809	Tissue-Tek® Cryo <sub>3</sub> ® Specimen Holders, Large 55 mm; 6/case
5811	Tissue-Tek® Cryo <sub>3</sub> ® Heat Extractor, Standard
5815	Tissue-Tek® Cryo <sub>3</sub> ® Heat Extractor, Large
5819	Cryobar® Insert, 4-Cavity
5820	Cryobar® Insert, 4-Post
5824	Tissue-Tek® Cryo <sub>3</sub> ® Utility Tray
5825	Tissue-Tek® Cryo <sub>3</sub> ® Waste Bottle
5826	Tissue-Tek® Cryo <sub>3</sub> ® Vacuum Filter Set
5827	Tissue-Tek® Cryo <sub>3</sub> ® Vacuum Hose Attachment
5828	Tissue-Tek® Cryo <sub>3</sub> ® Ozone Lamp Assembly
4557	Cryomold® Standard 25 x 20 x 5 mm; 1,200/case
4565	Cryomold® Biopsy 10 x 10 x 5 mm; 1,200/case
4566	Cryomold® Intermediate 15 x 15 x 5 mm; 1,200/case
4726	Tissue-Tek® Cryo <sub>3</sub> ® Plus Round Object Holder; 6/case
4728	Cryomold® Standard 23 mm; 1,200/case
4730	Cryomold® Biopsy 15 mm; 1,200/case
5829	Tissue-Tek® Cryo <sub>3</sub> ® Foot Pedal
5832	Tissue-Tek® Cryo <sub>3</sub> ® Anti-Roll Plate
5833	Tissue-Tek® Cryo <sub>3</sub> ® Steel Knife Holder
5834	Tissue-Tek® Cryo <sub>3</sub> ® Drain Cleaning Brush
5835	Tissue-Tek® Cryo <sub>3</sub> ® Ozone Port Screen
5836	Tissue-Tek® Cryo <sub>3</sub> ® Fluorescent Lamp Assembly
5837	Tissue-Tek® Cryo <sub>3</sub> ® Drain Cover
5839	Tissue-Tek® Cryo <sub>3</sub> ® Anti-Roll Rake
6033	Tissue-Tek® Uninterrupted Power Supply (UPS), 30 minutes





# Tissue processing

## Continuous rapid tissue processors

Tissue-Tek Xpress® x120 Rapid Tissue Processor

Tissue-Tek Xpress® x50 Rapid Tissue Processor

## Batch conventional tissue processor

Tissue-Tek VIP® 6 AI Vacuum Infiltration Processor

## Fixatives

Tissue-Tek ClearFIX®

Tissue-Tek VIP® Fixative

## Paraffin

Tissue-Tek VIP® Paraffin

# 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 represents the latest advances in the evolution of rapid tissue processing. Optimal for your histology lab, the Tissue-Tek Xpress x120 makes a positive impact on pathology, completing tissue processing in approximately 1 hour while using only 2 ready-to-use reagent bottles and paraffin. The Tissue-Tek Xpress® x Series meets objective Lean and Six Sigma criteria.

The Tissue-Tek Xpress x120 utilizes breakthrough microwave technology, optimized molecular-friendly reagents, and proven vacuum infiltration techniques, permitting the processing of biopsy and routine specimens in the same run, while still maintaining specimen integrity.

Expect continuous throughput yielding up to 960 cassettes in an 8-hour shift. Up to 40 cassettes can be loaded every 20 minutes and the total volume of reagents used is reduced by about 80% compared with traditional methods. Reagents are presented ready-to-use in disposable containers. This gentler process preserves DNA, RNA, and proteins in the paraffin block when specimens are processed fresh or pre-fixed with Tissue-Tek Xpress® Molecular Fixative.

#### Features

Continuous loading of magazines every 20 minutes

The x Series are pre-programmed with two rapid protocols: standard and extended

The x Series reagents are prepackaged in containers that are placed directly onto the instrument

Tissue-Tek Xpress proprietary reagents are formalin- and xylene-free

#### Benefits

Provides a steady flow of processed tissues for embedding

Allows for biopsy and larger tissues to be processed simultaneously

Makes exchanging of reagents quick, safe, and simple

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 200 VAC±10%; 50/60 Hz , Single Phase, 15 Amps
7006	Tissue-Tek Xpress® 20 Cassette Magazine; 4/case
7007	Tissue-Tek Xpress® 20 Cassette Magazine Handle; 6/case
7093	Tissue-Tek AutoTEC® a120 20 Cassette Magazine; 6/case
7103	Tissue-Tek Xpress® 40-Cassette Basket with Handle and Lid
7104	Tissue-Tek Xpress® 40-Cassette Basket Lid
7106	Tissue-Tek Xpress® Tray Liners; 100/case
7107	Tissue-Tek Xpress® Activated Carbon Filter for x120
6160	Tissue-Tek Xpress® Activated Carbon Filter for x50
7108	Tissue-Tek Xpress® Loading Station Container with Lid
7109	Tissue-Tek Xpress® Basket Transportation Tray
7115	Tissue-Tek Xpress® Pre-Processing Solution, 3.8L; 4/case
7117	Tissue-Tek Xpress® Pre-Processing Fixative, 3.8L; 4/case
7120	Tissue-Tek Xpress® Molecular Fixative, 3.8L; 4/case
7150	Tissue-Tek Xpress® Processing Reagent Set; 1 set of 4
7730	Tissue-Tek Xpress® x120 Reagent Set; 1 set of 4
7139	Tissue-Tek Xpress® x120, Uninterrupted Power Supply (90 seconds)
7011	Tissue-Tek Xpress® x120, Uninterrupted Power Supply (1.5 hours)

Product code	Product name and quantity
1550	Tissue-Tek® Scraper, Large
4800	Tissue-Tek® Accu-Edge® Grossing Board
4802	Tissue-Tek® Accu-Edge® Grossing Wells
4803	Tissue-Tek® Accu-Edge® Grossing Fork, 1.5 mm
4804	Tissue-Tek® Accu-Edge® Grossing Fork, 2.0 mm
4807	Tissue-Tek® Accu-Edge® Grossing Fork, 2.5 mm
4814	Tissue-Tek® Accu-Edge® Cleaning Brush
4846	Tissue-Tek® Accu-Edge® Tamper Set
4847	Tissue-Tek® Accu-Edge® Gauge Set
4223	Tissue-Tek® Biopsy Bags, Small (3 x 5 cm); 1,000/ case
4224	Tissue-Tek® Biopsy Bags (4.5 x 6.5 cm); 1,000/case
4785	Tissue-Tek® Accu-Edge® Trimming Blade, 5 inches
4786	Tissue-Tek® Accu-Edge® Trimming Knife Handle
4791	Tissue-Tek® Accu-Edge® Dissecting Scalpel Handle
4792	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #61, Curved Tip
4793	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #62, Pointed Tip

### Specifications

<b>Dimensions W x D x H</b>	67 x 28 x 64 inches (170 x 71 x 162 cm)
<b>Weight</b>	1,014.2 lbs (460 kg)
<b>Retorts</b>	Load station: 1 Retorts: 4 Unload stations: 2
<b>Power requirement</b>	200 VAC 60 Hz 15 A Single phase Nema L6-20, dedicated
<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 reagent - 51°C ± 1°C

# Tissue-Tek Xpress® x50

## Rapid Tissue Processor



### Tissue-Tek Xpress® x 50 Rapid Tissue Processor

The Tissue-Tek Xpress x50 delivers unprecedented productivity and maximizes staff efficiency. Ideal for your smaller or specialized workloads, the Tissue-Tek Xpress x50 eliminates work bottlenecks, dramatically improving workflow.

The Tissue-Tek Xpress x50 processes up to 440 specimens in an 8-hour shift, with the ability to load up to 40 cassettes approximately every 45 minutes. It provides outstanding time and cost savings, as well as increased staff safety, while producing standardized, accurate results paralleling those from overnight processing, allowing same-day diagnosis and, ultimately, improved patient care.

Features	Benefits
Continuous loading of magazines every 45 minutes	Provides a steady flow of processed tissues for embedding
The x Series are pre-programmed with two rapid protocols: standard and extended	Allows for biopsy and larger tissues to be processed simultaneously
The x Series reagents are prepackaged in containers that are placed directly onto the instrument	Makes exchanging of reagents quick, safe, and simple
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
7750	Tissue-Tek Xpress® x50 Rapid Tissue Processor 115 VAC±10%; 50/60 Hz, Single Phase, 15 Amps
7006	Tissue-Tek Xpress® 20 Cassette Magazine; 4/case
7007	Tissue-Tek Xpress® 20 Cassette Magazine Handle; 4/case
7093	Tissue-Tek AutoTEC® a120 20 Cassette Magazine; 6/case
7103	Tissue-Tek Xpress® 40-Cassette Basket with Handle and Lid
7104	Tissue-Tek Xpress® 40-Cassette Basket Lid
7106	Tissue-Tek Xpress® Tray Liners; 100/case
6160	Tissue-Tek Xpress® Activated Carbon Filter for x50
7108	Tissue-Tek Xpress® Loading Station Container with Lid
7109	Tissue-Tek Xpress® Basket Transportation Tray
7115	Tissue-Tek Xpress® Pre-Processing Solution; 4 x 3.8L
7117	Tissue-Tek Xpress® Pre-Processing Fixative; 4 x 3.8L
7120	Tissue-Tek Xpress® Molecular Fixative; 4 x 3.8L
7760	Tissue-Tek Xpress® x50 Reagent Set; 1 set of 2
7146	Tissue-Tek Xpress® x50, Uninterrupted Power Supply (10 minutes)
7148	Tissue-Tek Xpress® x50, Uninterrupted Power Supply (1 hour)

Product code	Product name and quantity
1550	Tissue-Tek® Scraper, Large
4800	Tissue-Tek® Accu-Edge® Grossing Board
4802	Tissue-Tek® Accu-Edge® Grossing Wells
4803	Tissue-Tek® Accu-Edge® Grossing Fork, 1.5 mm
4804	Tissue-Tek® Accu-Edge® Grossing Fork, 2.0 mm
4807	Tissue-Tek® Accu-Edge® Grossing Fork, 2.5 mm
4814	Tissue-Tek® Accu-Edge® Cleaning Brush
4846	Tissue-Tek® Accu-Edge® Tamper Set
4847	Tissue-Tek® Accu-Edge® Gauge Set
4223	Tissue-Tek® Biopsy Bags, Small (3 x 5 cm); 1,000/ case
4224	Tissue-Tek® Biopsy Bags (4.5 x 6.5 cm); 1,000/case
4785	Tissue-Tek® Accu-Edge® Trimming Blade, 5 inches
4786	Tissue-Tek® Accu-Edge® Trimming Knife Handle
4791	Tissue-Tek® Accu-Edge® Dissecting Scalpel Handle
4792	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #61, Curved Tip
4793	Tissue-Tek® Accu-Edge® Dissecting Scalpel Blades #62, Pointed Tip

### Specifications

<b>Dimensions W x D x H</b>	34 x 28 x 64 inches (85 x 72 x 162 cm)
<b>Weight</b>	617 lbs (280 kg)
<b>Throughput</b>	Up to 50 specimens per hour
<b>Retorts</b>	Load station: 1 Retorts: 2
<b>Power requirement</b>	115 VAC 60 Hz 12 A Single phase Dedicated line required
<b>Capacity</b>	Up to 40 cassettes, every 45 minutes
<b>Processing programs</b>	Standard up to 2 mm; 90 minutes Extended up to 3 mm; 180 minutes
<b>Temperature ranges</b>	Processing reagents - 51°C ± 1°C Paraffin - 65°C ± 2°C Display - Color touch screen LCD display
<b>Software</b>	Process Monitor Screen Manual and auto start Reagent management system with counter for cassette or runs

## 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 Tissue-Tek VIP 6 AI continues with Sakura Finetek reliability and innovation to provide the advanced infiltration of tissues with the first and only tissue processor with automated onboard preparation of mixed solutions, automatic inprocess reagent exchange, and Tissue-Tek iSupport Service Link with remote monitoring, which enables safe, high-quality processing while saving time.



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; 115 VAC, 50/60 Hz
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/case
6045	Tissue-Tek VIP® 6 Paraffin Waste Bags; 12/case
6160	Tissue-Tek Prisma® Fume Filter; 2/case
6033	Tissue-Tek® Uninterrupted Power Supply (30 minutes)

## Specifications

<b>Dimensions W x D x H</b>	24 x 27 x 52 inches (61 x 68 x 133 cm)
<b>Weight</b>	386 lbs (175 kg) without accessories and reagents
<b>Capacity</b>	Up to 300 standard size 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 cleaning and overflow
<b>Display screen</b>	10.4 inches, color LCD, touch

## Tissue-Tek ClearFIX®

Buffered formalin fixative



### Tissue-Tek ClearFIX®

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. 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 traditional tissue processors.

Product code	Product name and quantity
5996	Tissue-Tek ClearFIX®, 3.8L; 4/case

## Tissue-Tek VIP® Fixative

Non-precipitating formalin fixative



### Tissue-Tek VIP® Fixative

Tissue-Tek VIP Fixative is 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
5989	Tissue-Tek VIP® Fixative; 2.5 gallon cube
5990	Tissue-Tek VIP® Fixative, 1 gallon; 4/case
5991	Tissue-Tek VIP® Fixative; 5 gallon cube
5992	Tissue-Tek VIP® Spigot

# 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
4005	Tissue-Tek VIP® Paraffin, 1 kg; 8/case
7052	Tissue-Tek® Paraform® Processing/Embedding Medium, Formula 3, 1 kg; 8/case



# Embedding

## Automated Embedding System

Tissue-Tek AutoTEC® *a120*

## Sectionable Cassette System

Tissue-Tek® Paraform® Sectionable Cassettes

## Tissue Embedding Console System

Tissue-Tek® TEC™ 5 Embedding Module  
and Cryo Console

Tissue-Tek® TEC™ Plus Cryo Console

## Tissue-Tek® NanoMold™ Base Molds

## 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.

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; 200/230 VAC, 50/60 Hz
7005	Tissue-Tek AutoTEC® 32-Cassette Magazine (for Tissue-Tek VIP); 4/case
7006	Tissue-Tek AutoTEC® 20-Cassette Magazine (for Tissue-Tek Xpress); 4/case
7007	Tissue-Tek AutoTEC® Magazine Handle (for Tissue-Tek Xpress); 6/case
7062	Tissue-Tek AutoTEC® a120 Paraffin Inner Tray #1
7063	Tissue-Tek AutoTEC® a120 Paraffin Inner Tray #2; 2/case
7093	Tissue-Tek AutoTEC® a120 20-Cassette Magazine; 6/case
7094	Tissue-Tek AutoTEC® a120 Cassette Magazine Retainer; 4/case
7095	Tissue-Tek AutoTEC® a120 Output Door; 2/case
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3, 1 kg; 8/case
7011	Uninterrupted Power Supply (UPS), Extended Use, 4 kVA

## Specifications

<b>Dimensions W x D x H</b>	47.2 x 29.5 x 68.8 inches (120 x 75 x 175 cm)
<b>Weight</b>	1,168 lbs (530 kg)
<b>Power required</b>	200 VAC ±10%, Single phase, 50/60 Hz, 20 Amps; 230 VAC ±10%, Single phase, 50/60 Hz, 20 Amps
<b>Power rating</b>	Voltage selectable: 200 VAC ±10%, Single phase, 50/60 Hz, 12 Amps; 230 VAC ±10%, Single phase, 50/60 Hz, 11 Amps
<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

## Tissue-Tek® Paraform® Sectionable Cassette System



7019



7020



7021



7022



7023



7024

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

The Tissue-Tek Paraform Sectionable Cassette System is used in conjunction with the Tissue-Tek AutoTEC *a120* Automated Embedding System to provide total automation of the embedding process for high quality, predictable results while saving time and resources. Tissue-Tek Paraform locks in tissue orientation at grossing and preserves tissue integrity through to microtomy. Using Tissue-Tek Paraform Cassettes with the Tissue-Tek AutoTEC *a120* increases laboratory productivity while protecting valuable tissues.

- 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 or other manufacturer's microtome blades
- The inert characteristic of the cassettes prevents the material from picking up stain or interfering with microscopic examination

Features	Benefits
The six innovative cassettes (Biopsy 13mm x 13mm, Standard, Biopsy, Shaved Biopsy, Orientation, Core Biopsy) secure the tissue through processing and embedding	Prevents loss of tissue and misorientation during processing and embedding
The cassettes can be printed and barcoded at grossing, providing accurate tracking of specimens	Reduces risk of lost or mislabeled specimens through the processing and embedding
On-board barcode reader	Allows for LIS connectivity and traceability of blocks
The Paraform Cassettes can be easily faced by Sakura 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
7015	Tissue-Tek® Paraform® Cassette Tamper
7019	Tissue-Tek® Paraform® Biopsy Cassette 13mm x 13mm; 500/case
7020	Tissue-Tek® Paraform® Biopsy Cassette; 500/case
7021	Tissue-Tek® Paraform® Standard Cassette; 500/case
7022	Tissue-Tek® Paraform® Orientation Cassette; 500/case
7023	Tissue-Tek® Paraform® Shaved Biopsy Cassette; 500/case
7024	Tissue-Tek® Paraform® Core Biopsy Cassette; 500/case
7030	Tissue-Tek® Paraform® Frames Aqua; 500/case
7031	Tissue-Tek® Paraform® Frames Blue; 500/case
7032	Tissue-Tek® Paraform® Frames Gray; 500/case
7033	Tissue-Tek® Paraform® Frames Gold; 500/case
7034	Tissue-Tek® Paraform® Frames Green; 500/case
7035	Tissue-Tek® Paraform® Frames Lilac; 500/case
7036	Tissue-Tek® Paraform® Frames Orange; 500/case
7037	Tissue-Tek® Paraform® Frames Pink; 500/case
7038	Tissue-Tek® Paraform® Frames Red; 500/case
7039	Tissue-Tek® Paraform® Frames Tan; 500/case
7040	Tissue-Tek® Paraform® Frames White; 500/case
7041	Tissue-Tek® Paraform® Frames Yellow; 500/case
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3, 1 kg; 8/case
7055	Tissue-Tek® Paraform® Standard Base Mold, 32mm x 28mm; 12/case
7056	Tissue-Tek® Paraform® Biopsy/Orientation Base Mold, 30mm x 19mm; 12/case
7057	Tissue-Tek® Paraform® Biopsy Base Mold, 13mm x 13mm; 12/case
7089	Tissue-Tek® Feather® Low Profile Microtome Blades; 500/case
7011	Uninterrupted Power Supply (UPS), Extended Use, 4 kVA

# Tissue-Tek® TEC™ 5

## Tissue Embedding Console System



### Tissue-Tek® TEC™ 5 Tissue Embedding Console System

The Tissue-Tek TEC 5 is a robust and ergonomic, semi-automated tissue embedding system. The system is comprised of the Tissue-Tek TEC 5 Embedding Module and the Tissue-Tek TEC 5 Cryo Module, which can be attached on the left or right side allowing for a streamline workflow. The Tissue-Tek TEC 5 is the ideal semi-automated tissue embedder for laboratories of any size.

Features	Benefits
Automated start-up and shut-down capabilities	Enables the system to be ready on schedule
LED lighting system	Improves specimen visibility and reduces user fatigue
Precise temperature control in heating and cooling chambers in increments of 1°C	Provides precise working temperatures and fast cooling of blocks
Easy adjustable paraffin flow rate	Creates consistent paraffin blocks
Quiet cooling compressor	Allows for a more quiet work environment



Product code	Product name and quantity
5100	Tissue-Tek® TEC™ 5 Tissue Embedding Console System; 115 VAC, 60 Hz
5101	Tissue-Tek® TEC™ 5 Tissue Embedding Module; 115 VAC, 60 Hz
5102	Tissue-Tek® TEC™ 5 Tissue Cryo Module; 115 VAC, 60 Hz (Requires connection to product code 5101 for operate)
1550	Tissue-Tek® Scraper, Large
1551	Tissue-Tek® TEC™ 5 Large Tamper; 3/case
1552	Tissue-Tek® TEC™ 5 Small Tamper; 3/case
1553	Tissue-Tek® TEC™ 5 Lamp Bulb; 2/case
5103	Tissue-Tek® TEC™ 5 LED Lamp Bulb; 2/case
5781	Tissue-Tek® TEC™ 5 150-Cassette Transfer Tray
5782	Tissue-Tek® TEC™ 5 75-Cassette Transfer Tray
5783	Tissue-Tek® TEC™ 5 Base Mold Dividers
5784	Tissue-Tek® TEC™ 5 Magnifying Glass
5785	Tissue-Tek® TEC™ 5 Foot Pedal Switch
5786	Tissue-Tek® TEC™ 5 Electrical Forceps, 2mm

## Specifications

<b>Dimensions</b>	
<b>W x D x H</b>	35.6 x 25.3 x 14.8 inches
<b>(Complete system)</b>	90.4 x 64.2 x 37.7 cm
<b>Weight</b>	Embedding Console: 26 kg (57 lb) Cryo Console: 22 kg (48 lb)
<b>Paraffin chamber capacity</b>	4 L
<b>Left and right thermal chamber capacity</b>	1.5 liters each
<b>Temperature ranges</b>	Paraffin chamber: 50°C to 75°C (122°F to 167°F) Thermal chambers: 50°C to 75°C (122°F to 167°F) Hotplate/forceps wells: 50°C to 75°C (122°F to 167°F) Cooling plate: -10°C to 0°C (23°F to 32°F)
<b>Optional</b>	Electric forceps: 1 to 5
<b>Cooling plate</b>	up to 60 blocks
<b>Working areas</b>	Insulated warm area holds up to 20 cassettes

# Tissue-Tek® TEC™ Plus Cryo Console



## Tissue-Tek® TEC™ Plus Cryo Console

The Tissue-Tek TEC Plus Cryo Console consists of the cooling plate to cool and solidify paraffin blocks after completion of tissue embedding, and the electrical control section and control panel to control and monitor the temperature for the cooling plate.

## Specifications

<b>Dimensions W x D x H</b>	15 x 22 x 15 inches (38 x 56 x 38 cm)
<b>Weight</b>	48.8 lbs (22 kg)
<b>Capacity</b>	Up to 60 blocks
<b>Temperature range</b>	23 - 32 °F (-10 - 0 °C)

Product code	Product name and quantity
5250	Tissue-Tek® TEC™ Plus Cryo Console; 115 VAC, 60 Hz

# Tissue-Tek® NanoMold™

## Base Molds



4215



4216



4217



4718



4219

**Tissue-Tek® NanoMold™ Base Molds**

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. Tissue-Tek NanoMold stainless steel 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/case
4216	Tissue-Tek® NanoMold™ Base Molds 15 x 15 x 4 mm; 12/case
4217	Tissue-Tek® NanoMold™ Base Molds 20 x 20 x 5 mm; 12/case
4218	Tissue-Tek® NanoMold™ Base Molds 20 x 26 x 5 mm; 12/case
4219	Tissue-Tek® NanoMold™ Base Molds 20 x 33 x 5 mm; 12/case

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/case
4122	Tissue-Tek® Base Mold for Embedding Rings 22 x 25 x 6 mm; 12/case
4123	Tissue-Tek® Base Mold for Embedding Rings 32 x 25 x 6 mm; 12/case
4124	Tissue-Tek® Base Mold for Embedding Rings 38 x 25 x 6 mm; 12/case
4131	Tissue-Tek® Base Mold for Embedding Rings 22 x 22 x 12 mm; 12/case

### Product code    Product name and quantity

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

# 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.

# Tissue-Tek® Embedding Rings



Product code	Product name and quantity
4141	Tissue-Tek® Mold Release Concentrate 125 mL; 12/case

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







# Slides and coverglass

## Slides

Tissue-Tek® SmartWrite® White Frosted Slides

## Marking pencil

Tissue-Tek® Marking Pencil

## Coverslips

Tissue-Tek® Glas™ g2 Coverslips

## Mailer

Cyto-Tek® Mailer

# Tissue-Tek® SmartWrite®

## White Frosted Slides



9036



9035

### Tissue-Tek® SmartWrite® White Frosted Slides

Developed and optimized for the Tissue-Tek® SmartWrite® Slide Printer, Tissue-Tek SmartWrite White Frosted charged and uncharged slides undergo a thorough manufacturing process for best printing experience. Clipped corner slides also provide for best mechanical performance when used on the Tissue-Tek SmartWrite Slide Printer.

Charged slides are processed to provide a uniform coating of positive charge across the entire slide for best section adhesion. Slides are conveniently packaged 100 per box for easy loading into the slide holder. These slides are ideal for H&E, IHC, and Special Stains.

Product code	Product name and quantity
9035	Tissue-Tek® SmartWrite® White Frosted Slides; 10 x 100/case
9036	Tissue-Tek® SmartWrite® White Frosted Slides - Charged; 10 x 100/case

Features	Benefits
Charged and uncharged slides undergo a thorough cleaning process	Superior printing and viewing experience
Charged slides are processed to apply a uniform coating of positive charge across the entire slide	Best tissue adhesion and staining
Charged and uncharged slide have ground corners	Optimal mechanical performance when used on the Tissue-Tek® SmartWrite® Slide Printer
Packaging of 100 slides per box	Convenient for easy loading into the Tissue-Tek® SmartWrite® Slide Printer Slide Holder
Each box of slides is vacuum sealed	Keeps slides moisture-free preventing slides from sticking together

## Specifications

<b>Glass surface</b>	9035: Clean and uncharged
	9036: Clean and positively charged
<b>Width</b>	25 mm
<b>Length</b>	75 mm
<b>Thickness</b>	USB and LAN
<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
<b>Trimming range</b>	1 to 100µm in 1µm steps
<b>Quantity</b>	100 slides per box, 10 boxes per case (vacuum sealed)

## 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
4160	Tissue-Tek® Marking Pencil; 12/case

**Tissue-Tek® Glas™ g2**  
**Coverslips**



6415



6416



6417

**The Tissue-Tek® Glas™ g2 Coverslips with Easy Holder**

Developed and optimized for the Tissue-Tek® Glas™ g2 Coverslipper, the Tissue-Tek Glas g2 Coverslips with Easy Holder come in three different sizes 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 Coverslipper.

Product code	Product name and quantity
6415	Tissue-Tek® Glas™ g2 Coverslips 24 x 40 mm; 200 coverslips; 5 holders/case
6416	Tissue-Tek® Glas™ g2 Coverslips 24 x 50 mm; 200 coverslips; 5 holders/case
6417	Tissue-Tek® Glas™ g2 Coverslips 24 x 60 mm; 200 coverslips; 5 holders/case

Features	Benefits
Special coating and cleaning of coverslips	Prevents coverslips sticking together
Prefilled coverslips in Easy Holder	Easy and efficient loading onto the Tissue-Tek Glas g2 Coverslipper
Three different color Easy Holders	Easy identification of different size coverslips



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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/case
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# Microtomy

## Automated Microtome

Tissue-Tek AutoSection®

## Rotary Microtome

Accu-Cut® SRM™ 200

## Accu-Edge® Disposable Microtome Blades

Accu-Edge® High Profile Microtome Blades

Accu-Edge® Low Profile Microtome Blades

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

## Tissue-Tek® Cold Plate

## Tissue-Tek AutoSection® Automated Microtome



Patented AutoAlign™



LED safety lights



One touch operation

### Tissue-Tek AutoSection® Automated Microtome

Tissue-Tek AutoSection is more than just a motorized microtome, it is a microtome with a brain. 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 Function	Saves time and tissue with block to blade auto alignment
AutoTrim Function	Saves time by facing blocks in 15 seconds or less
AutoSection 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/case
4685	Accu-Edge® High Profile Microtome Blades; 500/case
4689	Accu-Edge® Low Profile Microtome Blades; 500/case
4980	Tissue-Tek® Feather® A35 Durable Low Profile Blades; 500/case
7089	Tissue-Tek® Feather® Low Profile Microtome Blades; 500/case

## Specifications

<b>Dimensions W x D x H</b>	16.5 x 26.4 x 17.4 inches (42 x 67 x 44 cm)
<b>Weight</b>	121 lbs (55 kg)
<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 $\pm 4^\circ$
<b>3D Chuck/Specimen Holder angle resolution</b>	0.05°
<b>Blade angle</b>	Fixed
<b>Alignment to the blade edge</b>	$\pm 0.05^\circ$
<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



# 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	Specifications	
1429	Accu-Cut® SRM™ 200 Rotary Microtome (Retracting)	<b>Dimensions W x D x H</b>	15.8 x 18.5 x 11.6 inches (40.0 x 47.0 x 29.5 cm)
1429N	Accu-Cut® SRM™ 200 Rotary Microtome (Non-retracting)	<b>Weight</b>	64 lbs (29 kg)
		<b>Section thickness range</b>	0.5 - 60 microns
1434	Accu-Cut® SRM™ 200 Blade Holder Base Assembly	<b>Specimen retraction</b>	220 microns
1469	Accu-Cut® SRM™ 200 Blade Holder for High Profile Disposable Blades	<b>Trimming steps</b>	10 microns, 50 microns
1435	Accu-Cut® SRM™ 200 Blade Holder for Low Profile Disposable Blades	<b>Displacement of blade holder base</b>	Vertical and horizontal directions
1436	Accu-Cut® SRM™ 200 High-Profile Back Plate (part of item 1469)	<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>
1437	Accu-Cut® SRM™ 200 Low-Profile Back Plate (part of item 1435)		
1439	Accu-Cut® SRM™ 200 Universal Cassette Clamp with Adapter		
1440	Accu-Cut® SRM™ 200 Maintenance Kit		
1441	Accu-Cut® SRM™ 200 Protective Dust Cover		
1442	Accu-Cut® SRM™ 200 Knife Holder N Assembly for Steel Knives		
1443	Non-Orientating Attachment for Clamps Accu-Cut® SRM™ 200		
1444	Accu-Cut® SRM™ 200 Specimen Clamp 40 x 40 mm		
1445	Accu-Cut® SRM™ 200 Super Mega-Cassette™ Clamp 50 x 55 mm		
1446	Accu-Cut® SRM™ 200 V-Insert		
1447	Accu-Cut® SRM™ 200 Bottle of Oil, Type 405		
4685	Accu-Edge® High Profile Microtome Blades; 500/case		
4689	Accu-Edge® Low Profile Microtome Blades; 500/case		

# Accu-Edge® Disposable Microtome Blades



## Accu-Edge® Disposable Microtome Blades

Accu-Edge Blades have earned their reputation as the premium disposable microtome blade in the market. 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 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. 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	Accu-Edge® High Profile Microtome Blades; 500/case
4689	Accu-Edge® Low Profile Microtome Blades; 500/case
4980	Tissue-Tek® Feather® A35 Durable Low Profile Blades; 500/case, ideal for hard tissue.
7089	Tissue-Tek® Feather® Low Profile Microtome Blades; 500/case, ideal for Tissue-Tek Paraform Sectionable Cassettes

## 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
4683	Tissue-Tek® Accu-Edge® Heavy Duty Blade System

## 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 1 base and 6 plates, 25 x 10 x 3 cm; 24/case
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# Primary and special staining

## Automated slide stainers

Tissue-Tek Prisma® *Plus*

Histo-Tek® SL Slide Stainer

Histo-Tek® Mini Stainer

## Manual slide staining

Tissue-Tek® Manual Slide Staining Set



## Tissue-Tek Prisma® *Plus*

### Automated Slide Stainer



### Tissue-Tek Prisma® *Plus*

The new Tissue-Tek Prisma *Plus* remains as 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 newly introduced Tissue-Tek Prisma® H&E Stain Kit and automatically log the information of that kit and its components. The Tissue-Tek Prisma *Plus* stores and documents the expiration date and time reagents were loaded on the instrument.

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 baking to slide drying. 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.

Features	Benefits
Barcode reader	Track reagent usage and alert user before expired reagent
Tissue-Tek iSupport Service Link	Resolves issues quicker
STAT	Prioritizes run over standard workload
Precise programming	Standardizes staining with full control by user
Standard and Expanded configurations	Allows for customization of multiple protocols (H&E, Pap, Special Stains, etc.)
Activated carbon filters and venting kit	Improves lab staff safety

Product code	Product name and quantity
6170	Tissue-Tek Prisma® Plus Standard Configuration; 115 VAC, 50/60 Hz
6171	Tissue-Tek Prisma® Plus Special Staining Configuration; 115 VAC, 50/60 Hz
4768	Tissue-Tek® 20-Slide Basket; 10/case
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
6138	Tissue-Tek Prisma® 10-Slide Basket Adapter; 4/case
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



Touchscreen programming



Barcode reader



Link to coverslipper

Product code	Product name and quantity
6151	Tissue-Tek Prisma® Lid for Standard Solution Reservoir
6152	Tissue-Tek Prisma® 3-Position Reservoir Tray
6153	Tissue-Tek Prisma® Large Lid for 3-Position Reservoir Tray
6154	Tissue-Tek Prisma® 4-Position Reservoir Tray
6155	Tissue-Tek Prisma® Large Lid for 4-Position Reservoir Tray
6156	Tissue-Tek Prisma® Special Stain Reservoir Tray
6160	Tissue-Tek Prisma® Activated Carbon Filter
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

### Specifications

Throughput	Up to 530 slides per hour
Dimensions W x D x H	49.2 x 28 x 25 inches (125 x 71 x 63 cm)
Weight	330 lbs (150 kg)
Number of reservoirs	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
Capacity	Reagent volume: 160, 260 and 680 mL Staining protocols: 1 runs continuously loading, and simultaneously running Baskets: 10- or 20- slide basket Loading: Up to 60 slides per run
Temperature	Drying station: 86 ~ 149°F (30 ~ 65°C) Heating station: 86 ~ 158°F (30 ~ 70°C)
Heating (optional)	2 stations

## 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. Throughput of up to 120 slides per hour is delivered by fully loading the 30 slide racks, ideally 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
Built-in fume extraction	Improves lab staff safety
Special stain reservoirs	Enables user to run H&E or special stains
User defined programming	Allows standardization of staining with full control
Compact footprint	Fits on standard lab counter tops

### Product code    Product name and quantity

1900	Histo-Tek® SL Slide Stainer; 115 V, 50/60 Hz
1901	Histo-Tek® SL 30-Slide Basket; 4/case
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 Solution 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
1913	Histo-Tek® SL Exhaust Adapter and Hose

### Specifications

<b>Throughput</b>	Up to 120 slides per hour
<b>Dimensions W x D x H</b>	33 x 31 x 16 inches (81 x 79 x 41 cm)
<b>Weight</b>	55 lbs (25 kg)
<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: 30 slide basket Loading: Up to 30 slides per run

# Histo-Tek® Mini Stainer

## Linear Slide Stainer



### Histo-Tek® Mini Stainer

The Histo-Tek Mini Stainer, small yet powerful enough for your laboratories staining needs. The compact design is ideal for many types of samples: Mohs specimens, frozen sections and FNA's. The small staining containers minimizes reagent waste and reduces costs. Simplified programming standardizes the staining program for optimal quality. Safety is a priority, that's why standard accessories include a fume cover and carbon filter to protect laboratory personnel.

Features	Benefits
Fume cover and filter	Protect lab personnel
Continuous loading	Keeps up with lab demand
Up to 4 slides per carrier	Minimizes reagent waste and reduces cost
50 mL containers	Minimizes reagent waste and reduces cost

Product code	Product name and quantity
1920	Histo-Tek® Mini Stainer; 100-240 VAC, 50-60Hz, 1.0 Amps
1921	Histo-Tek® Reagent Container
1922	Histo-Tek® Slide Carriers

Product code	Product name and quantity
1923	Histo-Tek® Rinse Station, with rinse nozzle, fitting and tubing
1924	Histo-Tek® Rinse Tubing, 48" long
1926	Histo-Tek® Water Inlet Hose
1912	Histo-Tek® SL Carbon Filter Set; 2/case
1933	Histo-Tek® Reagent Container Cover

### Specifications

User safety	Fume hood, activated carbon filter
Dimensions W x D x H	24.5 x 8.5 x 11 inches
Unit weight with-out reagents, unpacked	Approximately 35 lbs (16 kg)
Staining time	2 to 300 seconds, same time for all stations
Loading capacity	Maximum 4 slide carriers
Reagent stations	Maximum 14
Rinse stations	Up to 3 (with 3 rinse stations, 11 reagent stations are available)
Reagent container volume	50 mL
Slide carrier capacity	Maximum 4 slides per carrier
Exit tank capacity	Maximum 16 slides (4 slide carriers)

## Tissue-Tek® Manual Slide Staining Set



### Tissue-Tek® Manual Slide Staining Set

The Manual Slide Staining Kit 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. Ten 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 detachable handle.

Product code	Product name and quantity
4451	Tissue-Tek® Manual Slide Staining Set
4456	Staining Dish Green
4457	Staining Dish White
4465	24-Slide Slide Holder with detachable handle







# Coverslipping

## Automated Coverslippers

Tissue-Tek Film® Coverslipper

Tissue-Tek® Glas™ g2 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 5th 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 1,080 slides per hour remains unmatched. Moreover, its fast drying time minimizes the long wait time to air-dry trays of glass 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 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.

Features	Benefits
Quick drying	Provides high quality dried slides to Pathologist faster
Barcode scanner	Tracks slide identifiers linked to patients which complies with CAP requirements
Link to Tissue-Tek Prisma and Prisma Plus	Increases productivity
Large 240 slide unload station	Optimizes labor efficiency
Charcoal filters and venting	Improves lab staff safety

Product code	Product name and quantity
4740	Tissue-Tek Film® Coverslipper; 115 VAC, 50/60 Hz
4743	Tissue-Tek Film® Coverslipper with Barcode Reader; 115 VAC, 50/60 Hz
6508	Tissue-Tek® Barcode Reader System for Coverslippers
6134	Tissue-Tek Prisma® Link System Kit for Tissue-Tek Film® Coverslipper
4770	Tissue-Tek® Coverslipping Film; 60 m, 5/case
4772	Tissue-Tek® SCA™ Coverslipping Film Cutter Blades; 5/cs
6160	Tissue-Tek Prisma® Activated Carbon Filter; 2/case
4745	Xylene Bottle; 500 mL
4746	Cap for Xylene Bottle
4748	Tissue-Tek Film® Waste Bottle; 200 mL
4749	Tissue-Tek Film® Cap for Waste Bottle
4750	Exhaust Duct Adapter 38 mm
4751	Exhaust Duct Adapter 75 mm

## Specifications

<b>Dimensions W x D x H</b>	28.3 x 23.2 x 27.1 inches (72 x 59 x 69 cm)
<b>Weight</b>	Approximately 165 lbs (75 kg)
<b>Throughput</b>	1,080 slides per hour
<b>Configuration</b>	Benchtop
<b>Loading capacity</b>	3 baskets into load stations
<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>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 LED's
<b>LIS connectivity</b>	Optional barcode reader
<b>Special applications</b>	Validated for use on the Hologic Thin Prep® Stain Plus Imaging System

## Tissue-Tek® Glas™ g2 Glass Coverslipper



### Fast and robust glass coverslipping

The Tissue-Tek® Glas™ g2 Glass Coverslipper 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.

Tissue-Tek Glas g2 Coverslips conveniently preloaded in disposable holders are available in lengths of 40, 50, and 60 mm, which provides users the efficiency needed in any laboratory. Users may manually load glass coverslips in provided reusable holders.

Whether using standalone or connected to the Tissue-Tek Prisma® stainer, 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
Mechatronic™ Slide Technology	Provides consistent air bubble-free coverslipping
Tissue-Tek Glas g2 Coverslips with Easy Holders	Provides quick reloading of coverslips
Large 240 slide unload station	Optimizes labor efficiency
Standard and expanded configuration	Allows for customization of multiple protocols (H&E, Pap, Special Stains, etc.)

Product code	Product name and quantity
6500	Tissue-Tek® Glas™ g2 Glass Coverslipper; 115 VAC, 50/60 Hz
6503	Tissue-Tek® Glas™ g2 Glass Coverslipper with Barcode System; 115 VAC, 50/60 Hz
6508	Tissue-Tek® Barcode Reader System for Coverslippers
6168	Tissue-Tek Prisma® Link Between Tissue-Tek Prisma® and Tissue-Tek® Glas™ g2
6415	Tissue-Tek® Glas™ g2 Coverslips and Easy Holder 24x40 mm; 200 coverslips, 5/case
6416	Tissue-Tek® Glas™ g2 Coverslips and Easy Holder 24x50 mm; 200 coverslips, 5/case
6417	Tissue-Tek® Glas™ g2 Coverslips and Easy Holder 24x60 mm; 200 coverslips, 5/case
6419	Tissue-Tek® Glas™ Mounting Medium; 1 x 16 oz
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/case
6506	Tissue-Tek® Glas™ g2 Exhaust house assembly; 38 mm diameter
6507	Tissue-Tek® Glas™ g2 Exhaust house assembly; 75 mm diameter

## Specifications

<b>Application</b>	Histology, cytology, special staining, and advanced staining
<b>Dimensions W x D x H</b>	29.5 x 24.4 x 29.5 inches (75 x 62 x 75 cm)
<b>Weight</b>	Approximately 242 lbs (110 kg)
<b>Throughput</b>	400 slides per hour
<b>Configuration</b>	Benchtop
<b>Integrated staining via Link</b>	Tissue-Tek Prisma or Tissue-Tek Prisma <i>Plus</i> , 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. toluene-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>Coverglass reusable holders</b>	45, 50, 55, or 60 mm
<b>Dimensions of coverglass (mm)</b>	24 x 40, 24 x 50, 24 x 55, 24 x 60 25 x 40, 25 x 50, 25 x 55, 25 x 60
<b>User interface display</b>	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>Rated voltage and current</b>	Single phase, 115 VAC ± 10%, 50/60 Hz, 2.2 A



**Tissue-Tek®**  
**Coverslipping Film**



**Tissue-Tek® Coverslipping Film**

Tissue-Tek Coverslipping Film is a 5th generation, resin-coated plastic film that eliminates the need for cover glass and liquid mounting media - which reduces coverslipper maintenance and enables fast coverslipping. The optical characteristics are comparable to those of glass and validated for use on the ThinPrep® Stain Plus Imaging System.

Sakura Finetek is the innovator and the industry leader providing Film for over 30 years with over 3 billion slides coverslipped.

Features	Benefits
Fast drying	Enables Pathologists to view and archive slides quicker
Resin coated film and downtime	Reduce maintenance and downtime
Suitable for Histology, Cytology, and Special Stains	Allows coverslipping for any specimen type

Product code	Product name and quantity
4770	Tissue-Tek® Coverslipping Film 60 m; 5/case

## Tissue-Tek® Glas™ Mounting Medium



### The Tissue-Tek® Glas™ Mounting Medium

Sakura Finetek offers xylene-based mounting medium for glass coverslipping. The Tissue-Tek Glas Mounting Medium packaging is designed and optimized for ease of use with the Tissue-Tek® Glas™ g2 Coverslipper.

#### Product code

6419

#### Product name and quantity

Tissue-Tek® Glas™ Mounting Medium; 1 x 16 oz

Tissue-Tek® Glas™ g2  
Coverslips



6415



6416



6417

The Tissue-Tek® Glas™ g2 Coverslips with  
Easy Holder

Developed and optimized for the Tissue-Tek® Glas™ g2 Coverslipper, the Tissue-Tek Glas g2 Coverslips with Easy Holder come in three different sizes 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 Coverslipper.

Product code	Product name and quantity
6415	Tissue-Tek® Glas™ g2 Coverslips 24 x 40 mm; 200 coverslips; 5 holders/case
6416	Tissue-Tek® Glas™ g2 Coverslips 24 x 50 mm; 200 coverslips; 5 holders/case
6417	Tissue-Tek® Glas™ g2 Coverslips 24 x 60 mm; 200 coverslips; 5 holders/case

Features	Benefits
Special coating and cleaning of coverslips	Prevents coverslips sticking together
Prefilled coverslips in Easy Holder	Easy and efficient loading onto the Tissue-Tek Glas g2 Coverslipper
Three different color Easy Holders	Easy identification of different size coverslips







# Advanced staining

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

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



## Tissue-Tek Genie® Advanced Staining System



### Tissue-Tek Genie® Advanced Staining System

Sakura Finetek developed the Tissue-Tek Genie Advanced Staining System to be the first and only fully automated, true random access stainer for immunohistochemistry (IHC) and *in situ* hybridization (ISH) that features 30 completely independent slide stations. This system provides uncompromised fast and predictable turnaround time (TAT) for unprecedented staining quality.

With the Tissue-Tek Genie Advanced Staining System it is now possible to:

Run any slide, any time, any station

- Eliminate batching of antibody
- Run cases together on one instrument
- Run IHC tests within 2 - 3 hours for faster and predictable TAT
- Eliminate diluting any reagent to ready-to-use (RTU)
- Eliminate the rail effect and stain tissue sections that cover the entire slide
- Increase personnel safety while reducing costs

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

- 30 completely, independent slide 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
- 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:

- A stain quality that is scored high by several experts in pathology
- A fast and predictable TAT, unprecedented by current solutions in the market
- An innovation to enable continuous workflow with minimal disruption and simpler operation

The Tissue-Tek Genie® Pro Detection Kit, DAB with Tissue-Tek Genie RTU antibodies and ancillary reagents with evaluated protocols ensure the customer is provided consistent, quality staining results with reproducibility that customers have come to expect from Sakura Finetek products. These staining results were independently evaluated by a leading quality assurance organization.

In summary, Sakura Finetek has succeeded in developing IHC 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 115 VAC, 20 A
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Features	Benefits
Independent slide drawers No scheduler	Predictable TAT
RTU capsules Random access	Any slide, any time, any station
Reagents manufactured in-house	Consistent quality eliminate backorders
Whole slide reagent coverage	Ability to place tissue section of any size anywhere on slide

#### Specifications

<b>Applications</b>	Automated IHC and ISH, dewaxing, antigen retrieval, rehydration, digestion, denaturation, hybridization, stringent wash, staining, counterstaining
<b>Turn-around time</b>	1 hour 44 minutes to 2 hours 44 minutes IHC including dewaxing, antigen retrieval to counterstaining
<b>Throughput</b>	Up to 90 IHC 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>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>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 required</b>	115VAC ± 10%, 50/60Hz, single phase, 20A;
<b>Power rating</b>	115VAC, 50/60Hz, single phase, 18A;
<b>Power connection</b>	Power cord suited to country. For USA, standard 3 prong, grounded
<b>Interface</b>	LIMS, LIS, middleware
<b>Barcode</b>	Basic internet connection
<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 and probe 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 reagents 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 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 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. The reagent is dispensed into the Tissue-Tek Genie® Reagent Dispense Area (RDA) and funneled to the slide.

# Tissue-Tek® Quick-Ray™

## Tissue Microarray System



8010



8016



8018



8017



8019



8020

### Tissue-Tek® Quick-Ray™

The Tissue-Tek Quick-Ray is a tissue microarray system (TMA); 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 (TMA) 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



## 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/case

## Specifications

- System contains**
- 1 puncher
  - 4 paraffin recipient blocks (1, 2, 3, and 5 mm)
  - 1 basemold
  - 4 punch tips (1, 2, 3, and 5 mm)
  - 1 punch guide (1 mm)







# Cytology preparation

## Cytocentrifuge

Cyto-Tek® 2500 Cytocentrifuge

## Mailer

Cyto-Tek® Mailer

**Cyto-Tek® 2500**  
Cytocentrifuge



**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's Cyto-Tek Centrifuges.

Features	Benefits
Removable rotor housing	Allows techs the ability to load and unload specimens in vented areas, under a fume hood
Lockable rotor lid	Contains aerosols with the rotor housing, protecting techs 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 techs 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; 100 to 240 V, 50/60 Hz
4301	Cyto-Tek® 2500 1 mL Fluid Chamber Kits, 50/case (disposable)
4326	Cyto-Tek® 6 / 12 mL Base Holder; 12/case
4327	Cyto-Tek® 6 mL Gasket; 25/case
4328	Cyto-Tek® 12 mL Fluid Chamber; 12/case
4331	Cyto-Tek® 6 mL Fluid Chamber; 12/case
4334	Cyto-Tek® 6 / 12 mL Chamber Cap; 25/case
4337	Cyto-Tek® 12 mL Gasket; 25/case
4329	Cyto-Tek® 1 mL Fluid Chamber; 200/case
4333	Cyto-Tek® 1 mL Filter Paper; 200/case
4335	Cyto-Tek® 1 mL Chamber Cap; 200/case
4336	Cyto-Tek® 1 mL Specimen Chamber Holder; 200/case

### Specifications

<b>Dimensions W x D x H</b>	15 x 19 x 9 inches (38 x 49 x 23 cm)
<b>Weight</b>	26 lbs (12 kg)
<b>Process capacity</b>	Up to 12 specimens at a time
<b>Speed</b>	Adjustable from 200 to 2,500 rpm (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

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



Chamber Kit, Chamber, Holder, and Paper Filter

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

The 1mL Fluid Chamber Kit consists of the following components: Chamber, Cap, Holder, and Paper Filter to make product code 4301.

## 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/case
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# Printing

## Cassette printers

Tissue-Tek® SmartWrite® Cassette Printer  
with AutoLoader

Tissue-Tek® SmartWrite® Cassette Printer (Manual)

## Slide printers

Tissue-Tek® SmartWrite® Slide Printer

## Printer software

Tissue-Tek® SmartWrite® Printer Software

## Slides

Tissue-Tek® SmartWrite® White Frosted Slides

## Cassettes

Tissue-Tek® Paraform® Stacked Frames

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

Tissue-Tek® Uni-Cassette® Biopsy and Standard  
Cassette Systems

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®, Histo-Tek® Cassettes with Lid Attached, and Tissue-Tek® Paraform® Frames, 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 high 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 magazines provided	Pre-loaded magazines 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 W x D x H</b>	19.3 x 12.0 x 25.9 inches (49.0 x 35.5 x 25.9 cm)
<b>Weight</b>	74 lbs (33.6 kg)
<b>Power requirements</b>	110-240 VAC, 50/60 Hz, 60 watts
<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>	9 clear hoppers for cassettes with and without lids
<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/case
9038	Tissue-Tek® SmartWrite® Cassette Print Cartridge Color; 6/case
9040	Tissue-Tek® SmartWrite® Cassette Hoppers; 5/case
9041	Tissue-Tek® SmartWrite® Cassette Tray Extension

## 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/case
9038	Tissue-Tek® SmartWrite® Cassette Print Cartridge Color; 6/case
9025	Tissue-Tek® SmartWrite® Software

**Specifications**

<b>Dimensions</b>	9.6 x 8.8 x 12.4 inches
<b>W x D x H</b>	(24.4 x 22.4 x 31.4 cm)
<b>Weight</b>	20.0 lbs (9.1 kg)
<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® 8/7/ Windows Vista®/XP
<b>Data interface</b>	USB 2.0
<b>Power requirements</b>	100-240 VAC, 50/60 Hz, 60 Watts

## 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 when dry. The high resolution (300 dpi) makes it possible to print alpha numeric characters, as well as 2D barcodes and graphics.

The SMART system solution for on-demand slide printing, 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/case
9031	Tissue-Tek® SmartWrite® Slide Print Cartridge Color; 6/case
9032	Tissue-Tek® SmartWrite® Print Head Cleaning Pen; 5/case

## Specifications

<b>Dimensions</b>	7.1 x 12.6 x 8.6 inches
<b>W x D x H</b>	(18.0 x 31.95 x 21.8 cm)
<b>Weight</b>	16.8 lbs (7.62 kg)
<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 driver</b>	Microsoft® Windows® 8/7/ Windows Vista®/ XP
<b>Data Interface</b>	USB 2.0
<b>Power requirements</b>	100-240 VAC, 50/60 Hz, 60 Watts



# 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

Compatible with LIS integration

Template construction ability

1D and 2D barcode creation capability

Control multiple types of Sakura printers

Field population options

### Benefits

Allows lab staff to gather patient and specimen data directly from the LIS to use in cassette and slide printing operations

Enables lab to design templates that define the information required including fixed and variable fields

Supports integration of alpha numeric data into barcode for downstream automation

Operates the SmartWrite Slide Printer, SmartWrite Cassette Printers, and Tissue-Tek AutoWrite Cassette Printer within one software

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® SmartWrite®

## White Frosted Slides



9036



9035

### Tissue-Tek® SmartWrite® White Frosted Slides

Developed and optimized for the Tissue-Tek® SmartWrite® Slide Printer, Tissue-Tek SmartWrite White Frosted charged and uncharged slides undergo a thorough manufacturing process for best printing experience. Clipped corner slides also provide for best mechanical performance when used on the Tissue-Tek SmartWrite Slide Printer.

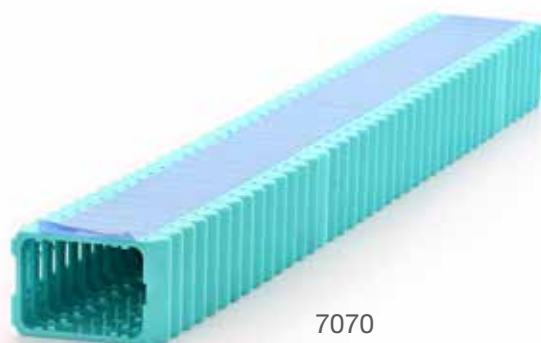
Charged slides are processed to provide a uniform coating of positive charge across the entire slide for best section adhesion. Slides are conveniently packaged 100 per box for easy loading into the slide holder. These slides are ideal for H&E, IHC, and Special Stains.

Product code	Product name and quantity
9035	Tissue-Tek® SmartWrite® White Frosted Slides; 10 x 100/case
9036	Tissue-Tek® SmartWrite® White Frosted Slides - Charged; 10 x 100/case

Features	Benefits
Charged and uncharged slides undergo a thorough cleaning process	Superior printing and viewing experience
Charged slides are processed to apply a uniform coating of positive charge across the entire slide	Best tissue adhesion and staining
Charged and uncharged slide have ground corners	Optimal mechanical performance when used on the Tissue-Tek® SmartWrite® Slide Printer
Packaging of 100 slides per box	Convenient for easy loading into the Tissue-Tek® SmartWrite® Slide Printer Slide Holder
Each box of slides is vacuum sealed	Keeps slides moisture-free preventing slides from sticking together

# Tissue-Tek®

## Stacked Frames and Cassettes



7070



8117

### Tissue-Tek® Paraform® Stacked Frames

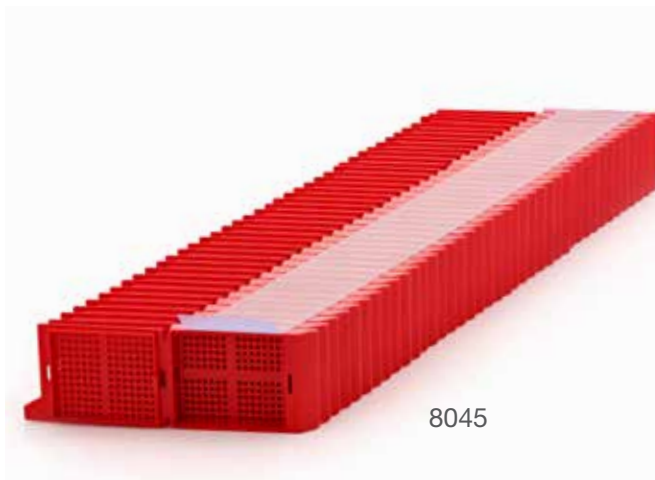
**Each 400/case consists of 10 sleeves x 40 cassettes**  
Conveniently taped in sleeves for easy loading into Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printers.

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

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

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

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



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

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

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

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



### 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® AutoWrite®, Tissue-Tek® SmartWrite®, and other cassette printers

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

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



4156-01

## 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 print on with the Tissue-Tek® AutoWrite®, Tissue-Tek® SmartWrite®, and other cassette 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/case
4118-01	Tissue-Tek® Uni-Cassette® Lilac; 500/case
4119-01	Tissue-Tek® Uni-Cassette® Gold; 500/case
4120-01	Tissue-Tek® Uni-Cassette® Aqua; 500/case
4135-01	Tissue-Tek® Uni-Cassette® Red; 500/case
4153-01	Tissue-Tek® Uni-Cassette® Tan; 500/case
4154-01	Tissue-Tek® Uni-Cassette® Yellow; 500/case
4155-01	Tissue-Tek® Uni-Cassette® Pink; 500/case
4156-01	Tissue-Tek® Uni-Cassette® Green; 500/case
4157-01	Tissue-Tek® Uni-Cassette® Blue; 500/case
4170-01	Tissue-Tek® Uni-Cassette® White; 1,500/case
4171-01	Tissue-Tek® Uni-Cassette® White; with One Storage Cabinet; 1,500/case
4180-01	Tissue-Tek® Uni-Cassette® Gray; 500/case



# Histo-Tek®

## Standard and Biopsy Cassettes

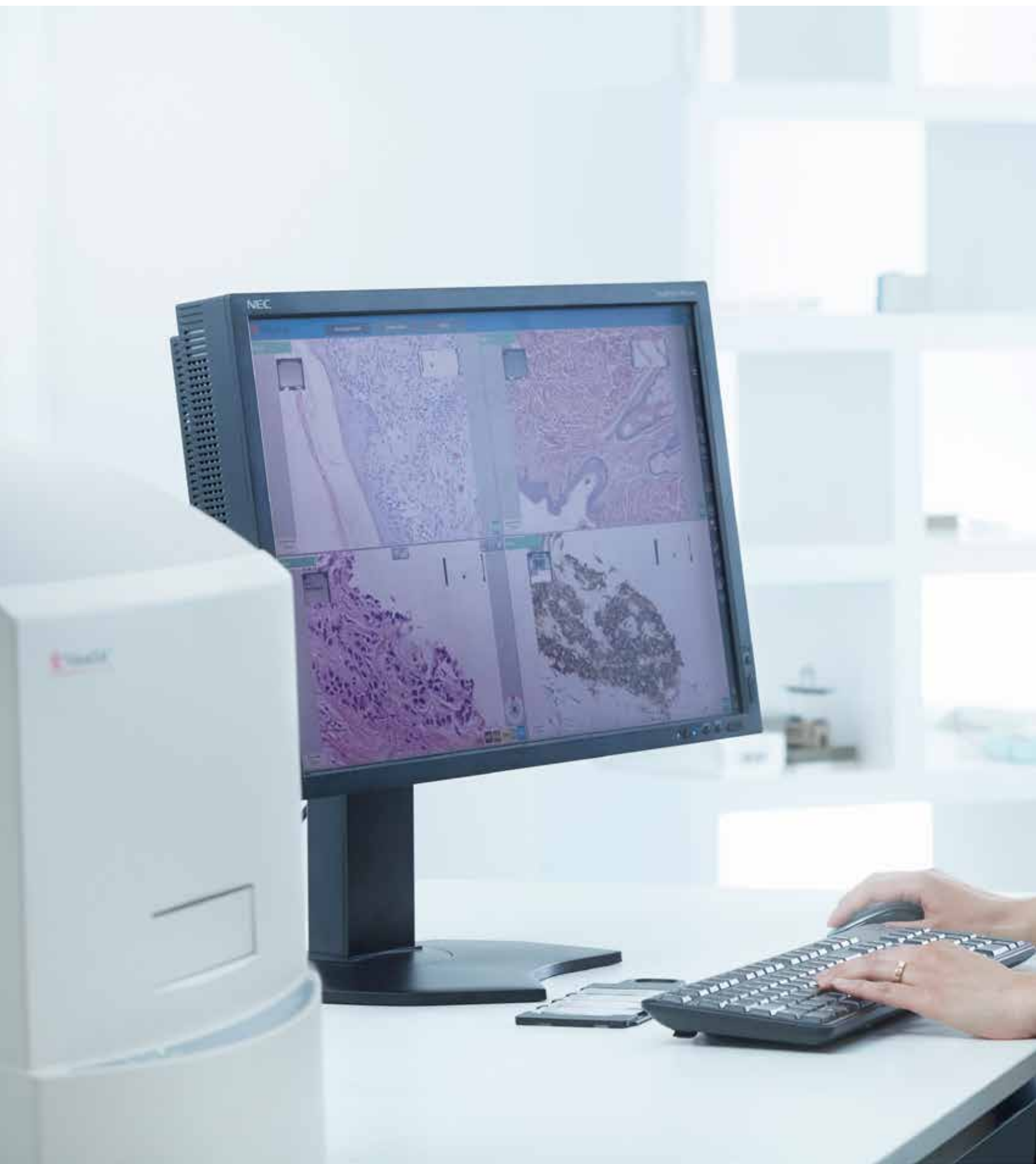


### Histo-Tek® Cassettes with Lid Attached

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 solvent and decalcifying solutions, and have unlimited applications, including identifying surgical specimens from autopsies, STAT biopsies, and frozen sections. 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/case
9221	Histo-Tek® Standard with Lid Attached Blue; 1,000/case
9222	Histo-Tek® Standard with Lid Attached Gold; 1,000/case
9223	Histo-Tek® Standard with Lid Attached Green; 1,000/case
9224	Histo-Tek® Standard with Lid Attached Lilac; 1,000/case
9225	Histo-Tek® Standard with Lid Attached Orange; 1,000/case
9226	Histo-Tek® Standard with Lid Attached Pink; 1,000/case
9227	Histo-Tek® Standard with Lid Attached Red; 1,000/case
9228	Histo-Tek® Standard with Lid Attached Tan; 1,000/case
9229	Histo-Tek® Standard with Lid Attached White; 1,000/case
9230	Histo-Tek® Standard with Lid Attached Yellow; 1,000/case
9233	Histo-Tek® Biopsy with Lid Attached Blue; 1,000/case
9234	Histo-Tek® Biopsy with Lid Attached Gray; 1,000/case
9235	Histo-Tek® Biopsy with Lid Attached Green; 1,000/case
9236	Histo-Tek® Biopsy with Lid Attached Orange; 1,000/case
9237	Histo-Tek® Biopsy with Lid Attached Red; 1,000/case
9238	Histo-Tek® Biopsy with Lid Attached White; 1,000/case
9239	Histo-Tek® Biopsy with Lid Attached Yellow; 1,000/case







# Digital microscopy

**VisionTek® M6 Digital Microscope**

**VisionTek® Digital Microscope**

## VisionTek® M6 Digital Microscope



### VisionTek® M6 Digital Microscope

The VisionTek M6 Digital Microscope is the only robotic imaging system that Pathologists can use like a conventional microscope to view live up to 4 slides simultaneously or to view multiple areas of the same slide with time to view under 17 seconds. It is equipped with six magnifications (2.5x, 5x, 10x, 20x, 40x, and 63x) and illumination control to satisfy the needs of cytopathologists and hematopathologists, while providing additional value for teaching and tumor boards. VisionTek M6 incorporates a motorized brightfield optical system, together with multiple cameras, automated XYZ, infrared, and image-based autofocus to convert optical fields of view of specimen on glass slides, at various magnifications, into high-resolution digital images that are displayed in real time on a high-resolution monitor for ergonomic viewing.

The system is operated via software through a PC interface and can also be controlled remotely via the internet so live images can be shared by multiple remote viewers. VisionTek M6 is also capable of rapid scanning of multiple Z planes of partial slides (PSI™) or whole slides (WSI) for archiving and sharing, making it a truly versatile instrument for Pathologists. The snapshot, partial scan, and whole slide scanned images are for research use only (RUO) in the USA.

### For intraoperative consultation

Features	Benefits
True 40x magnification	Detects subcellular and nuclear details for better differentiation of cells
True 5x magnification	Provides adequate overview image of the slide
Adjustable illumination	Adjusts for best image contrast
Time to live review under 17 second	Allows review of cases within minutes
Remote control and viewing	Allows slide review interactively from any location, without having to travel to the location of the slide. Suited for intraoperative consults and rapid on-site evaluations
Robotic control of microscope stage, focus, magnification, and illumination with a mouse	Enables one-hand operation as with a microscope

## For second-opinion consultation

Features	Benefits
Hybrid system with remote live review and "z" stack scanning capability	Enables live review of slide or scanned images at multiple focal planes
Users can pass control to and regain control from any remote user	Allows either you or your consultant to drive and review the case, enabling a true interactive consult
Remote access to slides	Provides for second-opinion consults on the same day, eliminating delays and slide shipment and associated costs
True 40x magnification	Detects subcellular and nuclear details for better differentiation of cells
True 5x magnification	Provides an adequate overview image of the slide
Adjustable illumination	Adjusts for best image contrast
Simultaneous viewing and control of up to 4 slides	Compares live multiple slides at their best focal plane (IHC + ISH consults)

## For teaching pathologists and tumor boards

Features	Benefits
Share control of stage, magnification, focus, and illumination	Instructor can pass and regain control of the microscope, enabling a better teaching and learning experience
Remote viewing	Allows colleagues and students to review slides simultaneously from anywhere
Slide sharing with a tumor board panel	Eliminates preparation for tumor board presentations. Instead provides advance access to share information on whole slides or cases
Simultaneous viewing and control of up to 4 slides	Allows live comparison of multiple slides at their best focal plane (IHC + ISH consults)
Magnification range includes 2.5x, 5x, 10x, 20x, 40x, 63x	Enables use for teaching anatomical pathology, cytopathology, hematopathology, and for tumor boards

## Product code Product name and quantity

9006	VisionTek® M6 Digital Microscope <ul style="list-style-type: none"> <li>Windows® 7 x 64 bit PC with VisionTek Software</li> <li>24 inch High Resolution monitor (WUXGA)</li> <li>2 VisionTek® Slide Carriers</li> </ul>
9011	VisionTek® Slide Carrier
9009	Uninterrupted Power Supply (UPS), 10 min
9012	VisionTek® Cart for Mobile Microscopy, Standard
9013	VisionTek® Cart for Mobile Microscopy, Customizable

## Specifications

<b>Dimensions W x D x H</b>	15.9 x 20.5 x 17.9 inches (40.5 x 52.0 x 45.5 cm)
<b>Weight</b>	77.2 lbs (35 kg)
<b>Optics (Carl Zeiss Objectives)</b>	EC Plan NeoFluar® 5x/0.16 NA, 20x/0.5 NA, 40x/0.75 NA
<b>Magnification</b>	Overview image 0.45x High-resolution live magnifications: 2.5x, 5x, 10x, 20x, 40x, 63x
<b>Illumination</b>	White light LED, with Köhler illumination User illumination control
<b>XY-stage automation</b>	XY stage accommodates 4 standard microscope slides on a slide carrier and controlled via mouse  High-precision mechanical focus; motor controlled via mouse
<b>Z-stage autofocus</b>	Resolution 0.2 microns IR beam and image-based autofocus mechanisms work together to focus automatically after each XY stage movement
<b>Slide loading</b>	Slide Carrier accommodates up to 4 standard microscope slides
<b>Label/barcode</b>	1D and 2D barcode recognition
<b>Image detection</b>	Overview camera: Pixel size 2.2 x 2.2 µm; resolution at 0.45x = 12 µm/pixel Live view and scanning camera: Pixel size 5.5 x 5.5 µm; resolution at 5x = 1.1 µm/pixel; at 20x = 0.275 µm/pixel; at 40x = 0.138 µm/pixel
<b>Operation modes</b>	Microscope Mode: choose the slides for live review from a virtual slide tray Scanner Mode: automated multiple Z plane scanning of up to 4 slides by auto tissue detection or by predefined scan area Image view while scanning is possible
<b>Scan speed</b>	1.5 min for 15 mm x 15 mm (at 0.275 µm/pixel)
<b>Workstation</b>	Operating system: Windows® 7, 64 Bit Computer processor: Intel® Core™ i7 or higher; Hard Disk: 128 GB +1000 GB 3.5"; 1000 Base-T Ethernet Intel®, Pro/1000PT server network card Monitor: 24-inch 1920 x 1200 pixel resolution; DisplayPort™ or DVI
<b>Power requirements</b>	85-264 VAC, 47-63 Hz, single-phase, power cord connector: IEC/EN 60320-1/C14; <b>NOTE:</b> Universal power supply
<b>Power ratings</b>	100 VAC operation: 4 Amps; 240 VAC operation: 2 Amps

# VisionTek®

## Digital Microscope



### VisionTek® Digital Microscope

VisionTek is a digital pathology microscope for real-time remote interpretations of anatomical pathology including rapid intraoperative consultation and same day second opinion consults with advanced live or scanned image sharing capabilities for tumor boards and teaching. VisionTek is the only system which enables simultaneous live review of multiple slides and/or multiple areas of the same slide with time-to-view under 17 seconds. The ability to focus through different planes on live and scanned images eliminates soft focus issues associated with scanners. The snapshot, partial scan, and whole slide scanned images are for research use only (RUO) in the USA.

Product code	Product name and quantity
9000	VisionTek® Digital Microscope
	• Windows® 7 x 64 bit PC with VisionTek Software
	• 24 inch High Resolution monitor (WUXGA)
	• 2 VisionTek® Slide Carriers
9011	VisionTek® Slide Carrier
9009	Uninterrupted Power Supply (UPS), 10 min
9012	VisionTek® Cart for Mobile Microscopy, Standard
9013	VisionTek® Cart for Mobile Microscopy, Customizable

## For intraoperative consultation

Features	Benefits
Live view of multiple slides from remote location with time-to-view under 17 seconds with real time focus, magnification change, and stage control	Enables remote intraoperative consults including frozen sections from your own desktop, laptop or mobile devices. Enables rural hospitals to have instant access to pathology sub specialties
Sharing real-time view and individual remote control of focus and magnification of up to four slides at a time	Provides for same day second opinion consults on live slides from any part of the world, negating slide shipment
Rapid scan of partial and/or whole slide images at multiple focal planes	Enables rapid second opinion consults from stored images, enabling Pathologists to work at their own convenience
Multiple participant screen sharing and individual control of instrument including live measurement and annotation tools	Allows sharing pathology information in real-time in tumor boards and in teaching hospitals
Simultaneous view and independent control of up to 16 areas of interest from a single slide	Creates the best image plane and magnification of each tissue microarray core simultaneously
Small footprint and mobility	Allows telepathology from various locations including a frozen section lab, Pathologist's office, teaching laboratory, tumor board, or a research bench

## Specifications

<b>Dimensions</b>	15.9 x 20.5 x 17.9 inches
<b>W x D x H</b>	(40.5 x 52 x 45.5 cm)
<b>Weight</b>	77.2 lbs (35 kg)
<b>Optics (Carl Zeiss Objectives)</b>	EC Plan NeoFluar® 2.5x/0.075 NA, 10x/0.3 NA, 20x/0.5 NA
<b>Magnification</b>	Slide tray overview 0.45x 2.5x, 10x, 20x, 40x
<b>Illumination</b>	White LED, with Köhler illumination
<b>XY-stage automation</b>	XY stage accommodates 4 standard microscope slides on a slide carrier and controlled via mouse
<b>Z-stage autofocus</b>	High-precision mechanical focus; motor controlled via mouse Resolution 0.2 microns IR beam and image-based autofocus mechanisms work together to focus automatically after each XY stage movement
<b>Slide loading</b>	Slide Carrier accommodates up to 4 standard microscope slides
<b>Label/barcode</b>	1D and 2D barcode recognition
<b>Image detection</b>	Overview camera: Pixel size 2.2 x 2.2 µm; resolution at 0.45x = 12 µm/pixel Live view and scanning camera: Pixel size 5.5 x 5.5 µm; resolution at 2.5x = 2.2 µm/pixel; at 10x = 0.55 µm/pixel; at 20x = 0.275 µm/pixel
<b>Operation modes</b>	Microscope Mode allows the user to choose the slides for live review from a virtual slide tray Scanner Mode allows automated multiple Z plane scanning of up to 4 slides by auto tissue detection or by predefined scan area Image view while scanning is possible
<b>Scan speed</b>	3 min for 15 mm x 15 mm (at 0.275 µm/pixel)
<b>Workstation</b>	Operating system: Windows® 7, 64 Bit Computer Processor: Intel® Core™ i7 or higher; Hard Disk: 128 GB +1000 GB 3.5"; 1000 Base-T Ethernet Intel®, Pro/1000PT server network card Monitor: 24-inch 1920 x 1200 pixel resolution; DisplayPort™ or DVI
<b>Power requirements</b>	85-264 VAC, 47-63 Hz, single-phase, power cord connector: IEC/EN 60320-1/C14; <b>NOTE:</b> Universal power supply
<b>Power ratings</b>	100 VAC operation: 4 Amps; 240 VAC operation: 2 Amps







# Storage systems

## **Slide and Block Storage Cabinet**

Tissue-Tek® Lab Aid® Ultra™ II Cabinet

## **Slide Filing Cabinet System**

Tissue-Tek® Lab Aid® Filing Cabinet System

## **Block Filing Cabinet**

Tissue-Tek® Uni-Cassette® Filing Cabinet

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



### Tissue-Tek® Lab Aid® Ultra™ II Cabinets

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 96,000 microscope slides or 22,000 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

Features	Benefits
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

Product code	Product name and quantity
3990	Tissue-Tek® Lab Aid® Ultra™ II Cabinet
3981	Tissue-Tek® Lab Aid® Ultra™ II Tray; 32/case
3982	Tissue-Tek® Lab Aid® Ultra™ II Tray with Lid (4 rows); 20/case
3983	Tissue-Tek® Lab Aid® Ultra™ II drawer handle coding strips; 100/case
3980	Tissue-Tek® Lab Aid® Ultra™ II Trolley
3984	Tissue-Tek® Lab Aid® Ultra™ Coding Strips Red; 100/case
3985	Tissue-Tek® Lab Aid® Ultra™ Coding Strips Green; 100/case
3986	Tissue-Tek® Lab Aid® Ultra™ Coding Strips Yellow; 100/case
3987	Tissue-Tek® Lab Aid® Ultra™ Coding Strips Blue; 100/case
3988	Tissue-Tek® Lab Aid® Ultra™ Coding Strips Brown; 100/case
3993	Foam Inserts; 50/case
3999	Lock Key

## Specifications

<b>Dimensions</b>	43.3 x 23.4 x 28.1 inches
<b>W x D x H</b>	(110 x 59.5 x 71.3 cm)
<b>Weight</b>	
<b>Empty cabinet</b>	271 lbs (123 kg)
<b>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 (up to 9,600 per drawer)
<b>Cabinet for blocks</b>	Up to 22,000 slides (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>	
<b>W x D x H</b>	1.3 x 4.7 x 15.4 inches (3.2 x 12.0 x 39.0 cm)
<b>With lid</b>	
<b>W x D x H</b>	1.8 x 4.8 x 15.4 inches (4.5 x 12.2 x 39.2 cm)
<b>Row width</b>	1.1 inches (2.9 cm)
<b>Load capacity</b>	1,984 lbs (900 kg)



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



## Tissue-Tek® Lab Aid® 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. Also available is a slide liner (spring) to hold slides upright during drying process.

Features	Benefits
Separate drawer sections a floor base and top panel can be purchased as individual items	Enables stacking of drawers to build a filing cabinet system based on customer needs
Two different filing drawer sections (25mm and 50 mm)	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
Slide backstops easily attach to the inside of the drawers	Holds the slides in place when drawer is not full
Slide liner (spring)	Holds slides upright during drying process.
Welded steel construction	Enables safe stacking and is durable

## Product code    Product name and quantity

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; 6,500 slides
4015	Tissue-Tek® Lab Aid® Drawer Section 14 x 25 x 76 mm, Beige; 6,500 slides
4016	Tissue-Tek® Lab Aid® Drawer Section 7 x 76 x 50 mm, Green; 1,897 slides
4017	Tissue-Tek® Lab Aid® Drawer Section 7 x 76 x 50 mm, Beige; 1,897 slides
4018	Tissue-Tek® Lab Aid® 25 mm Backstop, Green
4019	Tissue-Tek® Lab Aid® 25 mm Backstop, Beige
4020	Tissue-Tek® Lab Aid® Slide Liner
4025	Tissue-Tek® Lab Aid® 25 mm Drawer Vertical Filing, Beige (465 slides)
4027	Tissue-Tek® Lab Aid® 25 mm Drawer Vertical Filing, Green (465 slides)

## Specifications

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



# Tissue-Tek® Uni-Cassette®

## Block Filing Cabinet



### Tissue-Tek® Uni-Cassette® Filing Cabinets

Compact and stackable for efficient storage, the Tissue-Tek Uni-Cassette Filing 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 six 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® Uni-Cassette® Filing Cabinet

### Specifications

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

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