
Sakura Finetek USA

Histology and Cytology Product Catalog 2019



continuous innovation for pathology



Welcome to Catalog 2019

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 33 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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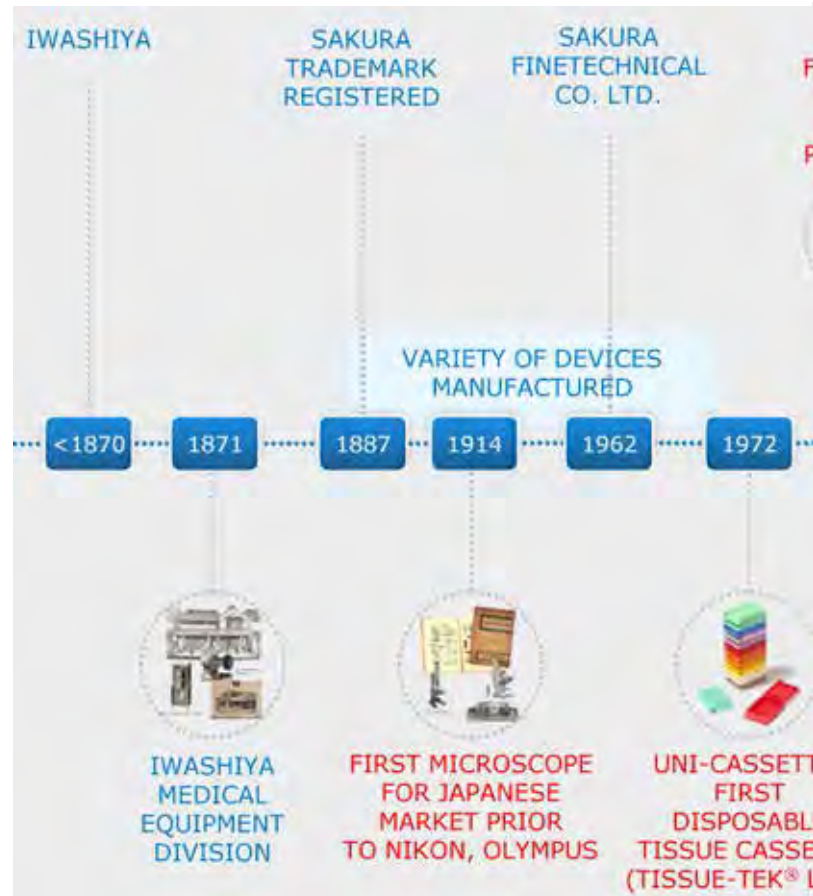
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Sakura Finetek history

The history of Sakura Finetek goes back to 1871, the early Meiji era in Japan. Prior to 1870, the company was called Iwashiyama, and it manufactured and sold pharmaceuticals throughout Japan. The medical equipment division of Iwashiyama 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.

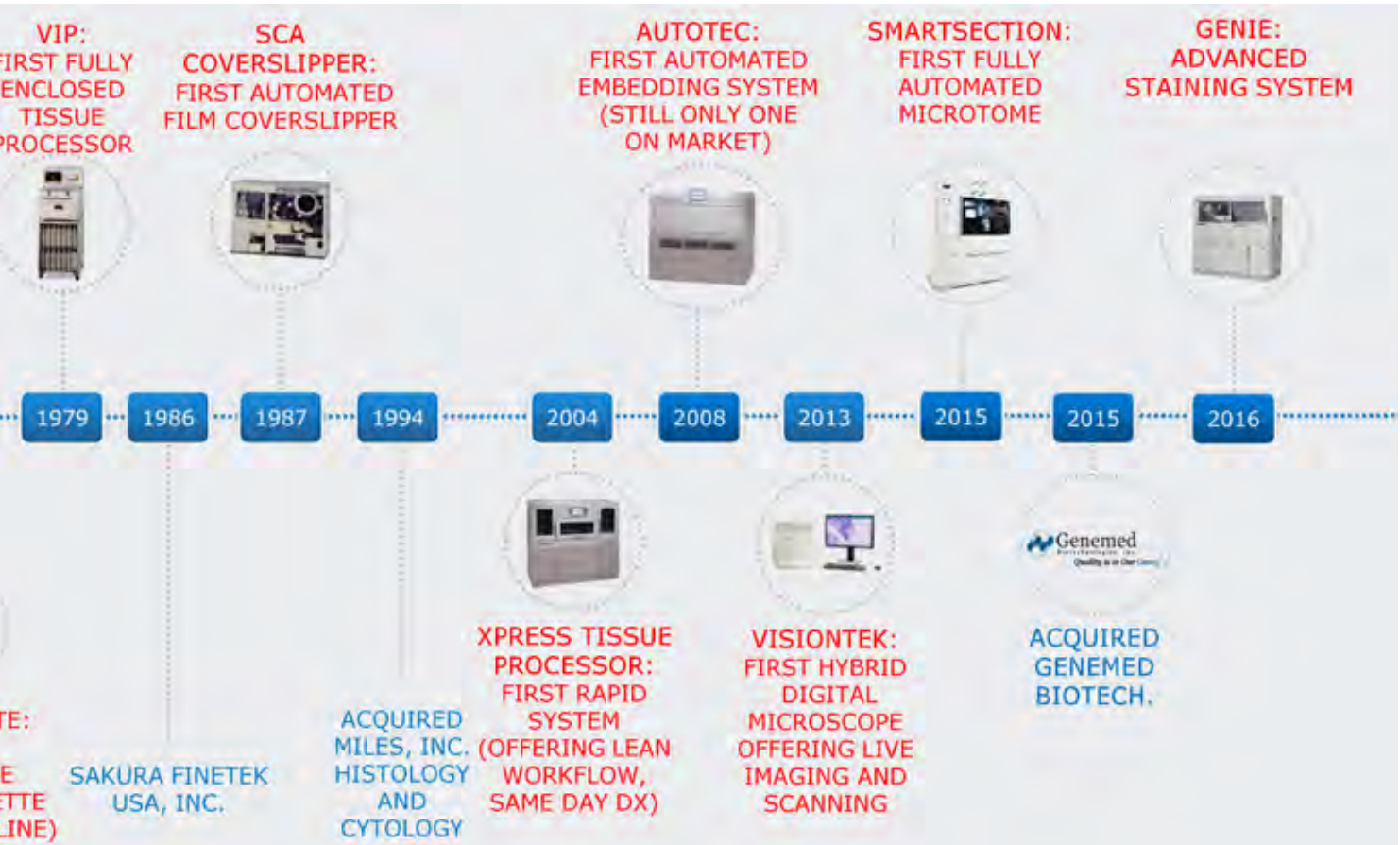
Over the years several product lines have grown the portfolio in histology, cytology, and advanced staining. Several product families have changed how laboratories are working and achieving better and faster results today supporting the standardization in pathology: Tissue-Tek VIP®, Tissue-Tek Xpress®, Tissue-Tek AutoTEC®, Tissue-Tek® Cryo₃®, 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 2019 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 2019

January 21-25

43rd Annual Practical Advances in Pathology Conference
The W Hotel, Miami Beach, FL

March 16-21

United States & Canadian Academy of Pathology Annual Meeting
Gaylord National Resort & Convention Center
National Harbor, MD

May 2-5

51st Annual Meeting American College of Mohs Surgery
The Baltimore Marriott Waterfront, Baltimore, MD

May 6-9

Pathology Informatics Summit
Wyndham Grand Pittsburgh Downtown, Pittsburgh, PA

August 8-11

6th Annual Practical Symposium
A Cockerell Educational Foundation Event
Park Hyatt, Beaver Creek, CO

August 27-29

AAPA 45th Annual Continuing Education Conference
Hyatt Regency, Chicago, IL

September 20-25

45th Annual NSH Symposium/Convention
New Orleans Convention Center, New Orleans, LA

September 22-25

College of American Pathologists, The Pathologists Meeting
Gaylord Palms, Orlando, FL

October 6-8

Digital Pathology Association Pathology Visions
Hyatt Regency, Orlando, FL



November 7-10

American Society of Mohs Surgery - Fundamentals of Mohs Surgery
Doubletree Hotel San Diego Mission Valley, San Diego, CA

November 14-17

67th Annual Scientific Meeting American Society of Cytopathology
The Grand American Hotel, Salt Lake City, Utah



Tissue-Tek AutoSection®
Automated Microtome, page 76



Tissue-Tek® SmartWrite®
White Frosted Slides, page 127



Tissue-Tek® SmartWrite®
Slide Printer, page 124



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 120



Tissue-Tek Prisma® H&E Stain Kit #1
page 88

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

Sakura Finetek SMART automation workflow



Tissue-Tek Prisma® Plus / Tissue-Tek Film® Coverslipper, page 86

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 136

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



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



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



Accu-Cut® SRM™ 300 LT
Manual Microtome, page 78



Tissue-Tek® SmartWrite®
White Frosted Slides, page 127



Tissue-Tek® SmartWrite®
Slide Printer, page 124



Tissue-Tek® TEC™ 6
Embedding Console System, page 62

Batch workflow

Unchanged

Open platform

Proven reliability



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



Tissue-Tek® SmartWrite®
Cassette Printer with AutoLoader, page 120

Sakura Finetek conventional workflow



Tissue-Tek Prisma® H&E Stain Kit #1
page 88

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



Tissue-Tek Prisma® Plus /Tissue-Tek Glas™ g2, page 86

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 new, robust and ergonomic Tissue-Tek TEC 6 for manual embedding. Now decide to reduce waiting time by printing

slides with a fast SmartWrite Slide Printer in up to 8 colors, and to cut sections with the Accu-Cut SRM 300 LT Manual Microtome leveraging the innovative illumination of specimen in the blocks. Finally, choose to reduce both the staining and drying time by utilizing the fastest integrated stainer-staining system on the market:

The Tissue-Tek Prisma Plus Staining System linked to a Tissue-Tek Film Coverslipper staining slides with the Tissue-Tek Prisma H&E Stain Kit #1. 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

Tissue Orientation Gels

Tissue-Tek® Paraform® Tissue Orientation Gels

Formalin Safety System

Tissue-Tek® FormaGO®

Tissue-Tek® Accu-Edge® Grossing Stations



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

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

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

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

| Product code | Product name and quantity |
|--------------|--|
| 0148 | Tissue-Tek® Accu-Edge® Bracket, CPU |
| 0150 | Tissue-Tek® Accu-Edge® Camera Mount Facility (FO)* |
| 0152 | Tissue-Tek® Accu-Edge® Cassette Holders (FO)* |
| 0153 | Tissue-Tek® Accu-Edge® Container, Formalin |
| 0154 | Tissue-Tek® Accu-Edge® Disposal, 1/2 HP (FO)* |
| 0156 | Tissue-Tek® Accu-Edge® Disposal, 1 HP (FO)* |
| 0159 | Tissue-Tek® Accu-Edge® Dissecting Board |
| 0162 | Tissue-Tek® Accu-Edge® Exhaust Duct to Building (FO)* |
| 0163 | Tissue-Tek® Accu-Edge® Exhaust Duct, 8" diameter |
| 0164 | Tissue-Tek® Accu-Edge® Eyewash Assembly (FO)* |
| 0169 | Tissue-Tek® Accu-Edge® Filter, Activated Carbon and Potassium Permanganate |
| 0170 | Tissue-Tek® Accu-Edge® Flammable Storage Cabinet (FO)* |
| 0172 | Tissue-Tek® Accu-Edge® Formalin Dispense/Collection System (FO)* |
| 0173 | Tissue-Tek® Accu-Edge® Formalin Dispense System (FO)* |
| 0174 | Tissue-Tek® Accu-Edge® Formalin Collection System (FO)* |
| 0175 | Tissue-Tek® Accu-Edge® Forms Holder |
| 0176 | Tissue-Tek® Accu-Edge® Full Perimeter Rinse (FO)* |
| 0177 | Tissue-Tek® Accu-Edge® Glove Box Holder |
| 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



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.

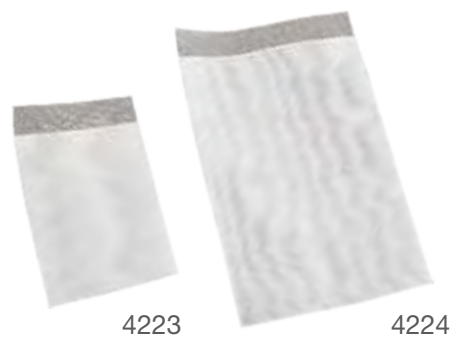
| Product code | Product name and quantity |
|--------------|--|
| 4781 | Tissue-Tek® Accu-Edge® Autopsy Knife Handle |
| 4782 | Tissue-Tek® Accu-Edge® Autopsy Blade, 100 mm; 5/case |
| 4783 | Tissue-Tek® Accu-Edge® Autopsy Blade, 170 mm; 5/case |
| 4784 | Tissue-Tek® Accu-Edge® Brain Blade, 325 mm; 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; 1,000/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.

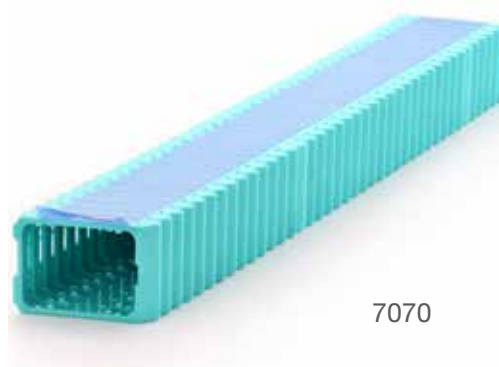
The proprietary Tissue-Tek Paraform material withstands exposure to all the volatile reagents and fixatives typically used in histology and can be processed in any tissue processor. After processing, Tissue-Tek Paraform eliminates the need to open the cassette to reorient tissue, thus simplifying embedding,

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, 13 mm x 13 mm; 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, 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 |
| 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 Cassette System



9224



9348

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



4182 + 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® Cryo₃® Flex Cryostat

Tissue-Tek® Cryo₃® Flex Cryostat, Mohs

Tissue-Tek® O.C.T. Compound

Tissue-Tek® Cryo₃® Plus accessories

Tissue-Tek® Cryo₃® Flex Cryostat



3D Precision Chuck



Anti-Roll Rake



Dynamic debris removal system

Tissue-Tek® Cryo₃® Flex Cryostat

The Tissue-Tek Cryo₃ Flex Cryostat is the 3rd generation of the established, reliable, and trusted Cryo₃ 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 Cryo₃ 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 Cryo₃ 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 ₃ ® Flex Cryostat, Basic |
| 6201 | Tissue-Tek® Cryo ₃ ® Flex Cryostat, D |
| 6202 | Tissue-Tek® Cryo ₃ ® Flex Cryostat, DM |
| 6210 | Tissue-Tek® Cryo ₃ ® Flex Anti-Roll Plate |
| 6211 | Tissue-Tek® Cryo ₃ ® Flex Anti-Roll Rake |
| 6212 | Tissue-Tek® Cryo ₃ ® Flex Drain Cover |
| 6213 | Tissue-Tek® Cryo ₃ ® Flex Utility Tray |
| 6214 | Tissue-Tek® Cryo ₃ ® Flex Utility Tray, Numbered |
| 6215 | Tissue-Tek® Cryo ₃ ® Flex Round Ergonomic Handle |
| 6216 | Tissue-Tek® Cryo ₃ ® Flex Oblong Ergonomic Handle |
| 6217 | Tissue-Tek® Cryo ₃ ® Flex Seismic Anchoring Kit |
| 6220 | Tissue-Tek® Cryo ₃ ® 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; 1,200/case |
| 4730 | Cryomold®, Biopsy; 1,200/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 ₃ ® Heat Extractor, Standard |
| 5819 | Cryobar® Insert, 4 cavities |
| 5820 | Cryobar® Insert, 4 post |

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

Specifications

| | |
|--|--|
| Dimensions W x D x H | 25.8 x 29.7 x 47.0 inches (65.4 x 75.4 x 119.4 cm) |
| Weight | 373 lbs (169.2 kg) |
| Power requirement | 115/120 VAC, 50/60 Hz, 11 A The instrument must be connected to an electrical outlet which supplies the proper voltage (within ± 10%) |
| Data interface | USB and LAN |
| Chamber temperature set point range | -35°C to 0°C; Chamber temperature is maintained within ±2°C |
| Cryo+™ temperature | When activated it is 20°C lower than the Chamber temperature, within 5 minutes. Lowest Cryo+ temperature is -50°C |
| Sectioning thickness settings | 1 to 99 microns in 1 micron steps |
| Maximum specimen thickness | 25 mm |
| Trimming range | 1 to 100 microns in 1 micron steps |
| Retraction distance | 0 (non-retracting) to 99 microns in 1 micron steps |
| Specimen holder sizes | Round 26 mm, 36 mm, 55 mm (all including an alignment mark on the shaft) |
| Chuck | 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 |
| Travel range | Vertical: 2.5 inches (63.0 mm) Horizontal: 1.0 inch (25.4 mm) |
| Defrost cycle | 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 |
| Disinfection (D and DM only) | 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 |
| Regulatory status | IVD, FDA class I |

Tissue-Tek® Cryo₃® Flex Cryostat, Mohs



Winged Chuck



Anti-Roll Rake



Anti-Roll Rake in use

Tissue-Tek® Cryo₃® Flex Cryostat, Mohs

The Tissue-Tek Cryo₃ Flex Cryostat, Mohs is the 3rd generation of the established, reliable and trusted Cryo₃ 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 Cryo₃ 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 Cryo₃ 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 ₃ ® Flex Cryostat, Mohs |
| 6210 | Tissue-Tek® Cryo ₃ ® Flex Anti-Roll Plate |
| 6211 | Tissue-Tek® Cryo ₃ ® Flex Anti-Roll Rake |
| 6212 | Tissue-Tek® Cryo ₃ ® Flex Drain Cover |
| 6213 | Tissue-Tek® Cryo ₃ ® Flex Utility Tray |
| 6214 | Tissue-Tek® Cryo ₃ ® Flex Utility Tray, Numbered |
| 6215 | Tissue-Tek® Cryo ₃ ® Flex Round Ergonomic Handle |
| 6216 | Tissue-Tek® Cryo ₃ ® Flex Oblong Ergonomic Handle |
| 6217 | Tissue-Tek® Cryo ₃ ® 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; 1,200/case |
| 4730 | Cryomold®, Biopsy; 1,200/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 ₃ ® Heat Extractor, Standard |
| 5819 | Cryobar® Insert, 4 cavities |
| 5820 | Cryobar® Insert, 4 post |
| 5825 | Tissue-Tek® Cryo ₃ ® Waste Bottle |
| 5834 | Tissue-Tek® Cryo ₃ ® Drain Cleaning Brush |
| 6033 | Tissue-Tek® Uninterrupted Power Supply (UPS), 30 minutes |

Specifications

| | |
|--|--|
| Dimensions W x D x H | 25.8 x 29.7 x 47.0 inches (65.4 x 75.4 x 119.4 cm) |
| Weight | 373 lbs (169.2 kg) |
| Power requirement | 115/120 VAC, 50/60 Hz, 11 A The instrument must be connected to an electrical outlet which supplies the proper voltage (within ± 10%) |
| Data interface | USB and LAN |
| Chamber temperature set point range | -35°C to 0°C; Chamber temperature is maintained within ±2°C |
| Cryo+™ Temperature | When activated it is 20°C lower than the Chamber temperature, within 5 minutes. Lowest Cryo+ temperature is -50°C |
| Sectioning thickness settings | 1 to 99 microns in 1 micron steps |
| Maximum specimen thickness | 25 mm |
| Trimming range | 1 to 100 microns in 1 micron steps |
| Specimen holder sizes | Round 26mm, 36 mm, 55 mm (all including an alignment mark on the shaft) |
| Specimen orientation | 8° (XY axis), 360° (Z axis) |
| Chuck | Winged Chuck secures the Specimen Holder to the microtome. Wings provide histotechnologists complete control of specimen alignment, ensuring the entire margin is available for diagnosis. |
| Travel range | Vertical: 2.5 inches (63.0 mm) Horizontal: 1.0 inch (25.4 mm) |
| Defrost cycle | 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 |
| Regulatory status | IVD, FDA class I |

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 |
|--------------|---------------------------|
|--------------|---------------------------|

| | |
|------|--------------------------------------|
| 4583 | Tissue-Tek® O.C.T. Compound; 12/case |
|------|--------------------------------------|

Tissue-Tek® Cryo₃® Plus

Cryostat accessories

| Product code | Product name and quantity |
|--------------|--|
| 5807 | Tissue-Tek® Cryo ₃ ® Specimen Holders, Small 26 mm; 6/case |
| 5808 | Tissue-Tek® Cryo ₃ ® Specimen Holders, Medium 36 mm; 6/case |
| 5809 | Tissue-Tek® Cryo ₃ ® Specimen Holders, Large 55 mm; 6/case |
| 5811 | Tissue-Tek® Cryo ₃ ® Heat Extractor, Standard |
| 5815 | Tissue-Tek® Cryo ₃ ® Heat Extractor, Large |
| 5819 | Cryobar® Insert, 4-Cavity |
| 5820 | Cryobar® Insert, 4-Post |
| 5824 | Tissue-Tek® Cryo ₃ ® Utility Tray |
| 5825 | Tissue-Tek® Cryo ₃ ® Waste Bottle |
| 5826 | Tissue-Tek® Cryo ₃ ® Vacuum Filter Set |
| 5827 | Tissue-Tek® Cryo ₃ ® Vacuum Hose Attachment |
| 5828 | Tissue-Tek® Cryo ₃ ® 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 ₃ ® 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 ₃ ® Foot Pedal |
| 5832 | Tissue-Tek® Cryo ₃ ® Anti-Roll Plate |
| 5833 | Tissue-Tek® Cryo ₃ ® Steel Knife Holder |
| 5834 | Tissue-Tek® Cryo ₃ ® Drain Cleaning Brush |
| 5835 | Tissue-Tek® Cryo ₃ ® Ozone Port Screen |
| 5836 | Tissue-Tek® Cryo ₃ ® Fluorescent Lamp Assembly |
| 5837 | Tissue-Tek® Cryo ₃ ® Drain Cover |
| 5839 | Tissue-Tek® Cryo ₃ ® 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

Paraffin

Tissue-Tek VIP® Paraffin

Fixatives

Tissue-Tek ClearFIX®

Tissue-Tek VIP® Fixative

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 | Benefits |
|--|--|
| Continuous loading of magazines every 20 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 error-free by eliminating reagent dilution, pouring, or placement mistakes |
| Tissue-Tek Xpress proprietary reagents are formalin- and xylene-free | Allows for a greener work environment by eliminating exposure to harsh chemicals and reduces waste |

| Product code | Product name and quantity |
|--------------|--|
| 7720 | Tissue-Tek Xpress® x120 Rapid Tissue Processor 200 VAC±10%; 50/60 Hz , single phase, 15 A |
| 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) |

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

| 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

| | |
|---------------------------------|---|
| Dimensions W x D x H | 67 x 28 x 64 inches (170 x 71 x 162 cm) |
| Weight | 1,025.0 lbs (465.0 kg) |
| Retorts | Load station: 1 Retorts: 4 Unload stations: 2 |
| Power requirement | 200 VAC 60 Hz 15 A single phase Nema L6-20, dedicated |
| Capacity | Up to 40 cassettes, every 20 minutes |
| Processing programs | Standard up to 2 mm; 60 minutes Extended up to 3 mm; 120 minutes |
| Regulatory status | IVD, FDA class I |

Tissue-Tek Xpress® x50

Rapid Tissue Processor



Tissue processing


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 error-free by eliminating reagent dilution, pouring, or placement mistakes |
| Tissue-Tek Xpress proprietary reagents are formalin- and xylene-free | Allows for a greener work environment by eliminating exposure to harsh chemicals and reduces waste |

| Product code | Product name and quantity |
|--------------|--|
| 7750 | Tissue-Tek Xpress® x50 Rapid Tissue Processor 115 VAC±10%; 50/60 Hz, single phase, 15 A |
| 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) |

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

| 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

| | |
|---------------------------------|---|
| Dimensions W x D x H | 34 x 28 x 64 inches (85 x 72 x 162 cm) |
| Weight | 617 lbs (280 kg) |
| Retorts | Load station: 1 Retorts: 2 |
| Power requirement | 115 VAC 60 Hz 12 A single phase Dedicated line required |
| Capacity | Up to 40 cassettes, every 45 minutes |
| Processing programs | Standard up to 2 mm; 90 minutes Extended up to 3 mm; 180 minutes |
| Regulatory status | IVD, FDA class I |

Tissue-Tek VIP® 6 AI

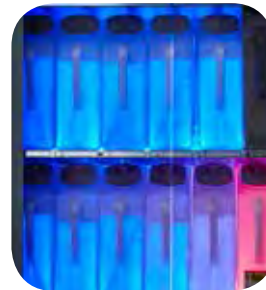
Vacuum Infiltration Processor



Color coded drain and fill ports



Paraffin waste container



LED-lit reagent cabinet

Tissue-Tek VIP® 6 AI

Vacuum Infiltration Processor

The 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 in-process 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

| | |
|---------------------------------|---|
| Dimensions W x D x H | 24 x 27 x 52 inches (61 x 68 x 133 cm) |
| Weight | 386 lbs (175 kg) without accessories and reagents |
| Capacity | Up to 300 standard size cassettes |
| Reagent reservoirs | 14 bottles: up to 4.2 liters (including waste and cleaning) |
| Internal bulk reservoirs | 2 reservoirs, 10.4 liters each |
| Paraffin reservoirs | 3 small: up to 4.2 liters 1 large: up to 5.6 liters |
| Level sensors | 4, ultrasonic |
| Display screen | 10.4 inches, color LCD, touch |
| Regulatory status | IVD, FDA class I |

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 |

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. Tissue-Tek ClearFIX can be used as the primary and sole fixative for any routine, immunohistochemical and special stained specimens or it can also be used as a secondary fixative. Tissue-Tek ClearFIX can be used on traditional tissue processors.

| Product code | Product name and quantity |
|--------------|---------------------------|
|--------------|---------------------------|

| | |
|------|------------------------------------|
| 5996 | Tissue-Tek ClearFIX®, 3.8L; 4/case |
|------|------------------------------------|

⚠️ WARNING: This product can expose you to chemicals including Formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov

Tissue-Tek VIP® Non-Precipitating Formalin Fixative



*** ⚠ WARNING:** This product can expose you to chemicals including Formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Tissue-Tek VIP® Non-Precipitating Formalin Fixative

Tissue-Tek VIP Non-Precipitating Formalin Fixative is designed to provide the desirable features of buffered formaldehyde fixation while staying in solution when introduced to alcohol. Tissue-Tek VIP Non-Precipitating Formalin 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 Non-Precipitating Formalin Fixative can be used on traditional tissue processors.

| Product code | Product name and quantity |
|--------------|---|
| 5989* | Tissue-Tek VIP® Non-Precipitating Formalin Fixative; 2.5 gallon cube |
| 5990* | Tissue-Tek VIP® Non-Precipitating Formalin Fixative, 1 gallon; 4/case |
| 5991* | Tissue-Tek VIP® Non-Precipitating Formalin Fixative; 5 gallon cube |
| 5992 | Tissue-Tek VIP® Spigot |



Embedding

Automated Embedding System

Tissue-Tek AutoTEC® a120

Sectionable Cassette System

Tissue-Tek® Paraform® Sectionable Cassettes

Tissue Embedding Console System

Tissue-Tek® TEC™ 6 Embedding Module
and Cryo Console

Tissue-Tek® TEC™ Plus Cryo Console

Tissue-Tek® NanoMold™ Base Mold System

Tissue-Tek® Base Mold System

Tissue-Tek® Mold Release

Tissue-Tek® Embedding Rings

Tissue-Tek AutoTEC® a120 Automated Embedding System



Continuous loading of magazines



On-board barcode reader



Embedded blocks in output door

Tissue-Tek AutoTEC® a120 Automated Embedding System

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

| 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

| | |
|---------------------------------|--|
| Dimensions W x D x H | 47.2 x 29.5 x 68.8 inches (120 x 75 x 175 cm) |
| Weight | 1,168 lbs (530 kg) |
| Power required | 200 VAC ±10%, single phase, 50/60 Hz, 20 A; 230 VAC ±10%, single phase, 50/60 Hz, 20 A |
| Power rating | Voltage selectable: 200 VAC ±10%, single phase, 50/60 Hz, 12 A; 230 VAC ±10%, single phase, 50/60 Hz, 11 A |
| Interface | USB: 2 ports, Type A; LAN: 2 ports |
| Throughput | Up to 120 Paraform cassettes per hour |
| Operating conditions | 59° to 86°F/15° to 30°C; Relative Humidity: 30-80%, non-condensing |
| Noise level | <65 dB |
| Regulatory status | IVD, FDA class I |

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

| Features | Benefits |
|---|---|
| The six innovative cassettes 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 processing and embedding |
| The 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 |
|--------------|---|
| 7015 | Tissue-Tek® Paraform® Cassette Tamper |
| 7019 | Tissue-Tek® Paraform® Biopsy Cassette 13 mm x 13 mm; 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, 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 |
| 7089 | Tissue-Tek® Feather® Low Profile Microtome Blades; 500/case |
| 7011 | Uninterrupted Power Supply (UPS), Extended Use, 4 kVA |

Tissue-Tek® TEC™ 6 Embedding Console System



Tissue-Tek® TEC™ 6 Embedding Console System

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

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

Modules by day of the week and even across overnight shifts.

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

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

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

Product code **Product name and quantity**

| | |
|------|---|
| 5110 | Tissue-Tek® TEC™ 6 Embedding Console System; 115 VAC, 60 Hz |
| 5108 | Tissue-Tek® TEC™ 6 Embedding Module; 115 VAC, 60 Hz |
| 5109 | Tissue-Tek® TEC™ 5 Cryo Module; 115 VAC, 60 Hz (Requires connection to product code 5108 for operation) |
| 5250 | Tissue-Tek® TEC™ Plus Cryo Console; 115 V, 60 Hz |
| 5132 | Tissue-Tek® TEC™ 6 Wrist Rest Set |
| 5133 | Tissue-Tek® TEC™ 6 Wrist Rest Cushion Set |
| 5125 | Tissue-Tek® TEC™ 6 Screen Protection Sheet |
| 5127 | Tissue-Tek® TEC™ 6 Magnifying Lens |
| 5120 | Tissue-Tek® TEC™ 6 Warming Chamber Tray, Large |
| 1550 | Tissue-Tek® Scraper, Large |
| 1551 | Tissue-Tek® TEC™ 5 Large Tamper; 3/case |
| 1552 | Tissue-Tek® TEC™ 5 Small Tamper; 3/case |
| 5782 | Tissue-Tek® 75-Cassette Transfer Tray |
| 5783 | Tissue-Tek® Base Mold Dividers |
| 5785 | Tissue-Tek® TEC™ Foot Pedal Switch |

Specifications

| | |
|--|--|
| | Embedding Module 22.6 (W) x 25.3 (D) x 14.8 (H) inches 57.5 (W) x 64.2 (D) x 37.7 (H) cm |
| Dimensions W x D x H | Cryo Module 13.0 (W) x 24.3 (D) x 14.8 (H) inches 33.0 (W) x 61.7 (D) x 37.7 (H) cm Combined System 35.6 (W) x 25.3 (D) x 14.8 (H) inches 90.5 (W) x 64.2 (D) x 37.7 (H) cm |
| Weight | Embedding Console: 55 kg (25 lb) Cryo Console: 48 kg (22 lb) Combined: 104 kg (47 lb) |
| Rated voltage and current | Embedding Module: 115 VAC ± 10%, 60 Hz, 9 A Cryo Module: 115 VAC ± 10%, 60 Hz, 2 A |
| Configuration | Modular, can be configured for right- or left-handed use |
| Capacity | Paraffin chamber: 4 liters Left and right thermal chambers: 1.5 liters or up to 150 cassettes Working area: up to 20 cassettes Cryo plate: up to 60 blocks |
| Paraffin delivery | Gravity feed with touch-plate activation and optional foot pedal control |
| Paraffin flow rate | Flow rate adjusted with control knob |
| Waste collection | Drain channels in the heated working area route paraffin waste to two front waste drawers |
| Illumination | 5-level, adjustable white LED |
| Automatic time mode | User-programmable, ready with shutdown times for each day of the week |
| Heating time (Embedding Module) | Paraffin and left/right chambers: 4 hours from room temperature start |
| Cooling time (Cryo Module) | 30 minutes from room temperature start |
| Temperature range | Paraffin and thermal chambers: 122 to 167°F (50 to 75°C) Hot plate: 122 to 167°F (50 to 75°C) Cryo plate: 14 to 32°F (-10 to 0°C) |
| User interface display | 4.3 inch TFT color LCD touchscreen |
| Diagnostic function | Self-diagnosis, error messages, power-out detection |
| Data interface options | USB |
| Regulatory status | IVD, FDA class I |

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.

Product code Product name and quantity

5250 Tissue-Tek® TEC™ Plus Cryo Console; 115 VAC, 60 Hz

Specifications

| | |
|--------------------------|---------------------------------------|
| Dimensions | 15.0 (W) x 22.0 (D) x 15.0 (H) inches |
| W x D x H | 38.0 (W) x 56.0 (D) x 38.0 (H) cm |
| Weight | 48.5 lbs (22 kg) |
| Capacity | Up to 60 blocks |
| Temperature range | 14 - 32°F (-10 - 0°C) |
| Regulatory status | IVD, FDA class I |

Tissue-Tek® NanoMold™ Base Mold System



4215



4216



4217



4218



4219

Tissue-Tek® NanoMold™ Base Mold System

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

Product code

Product name and quantity

| | |
|------|---|
| 4215 | Tissue-Tek® NanoMold™ Base Molds 9 x 9 x 4 mm; 12/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



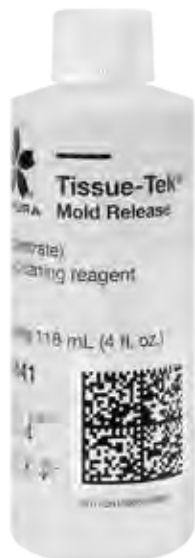
Tissue-Tek® Base Mold System

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.

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

| Product code | Product name and quantity |
|--------------|---------------------------|
|--------------|---------------------------|

| | |
|------|--|
| 4141 | Tissue-Tek® Mold Release Concentrate 125 mL; 12/case |
|------|--|

Tissue-Tek® Embedding Rings



| 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



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 |

Slides and coverglass

Specifications

| | |
|-----------------------|--|
| Glass surface | 9035: Clean and uncharged |
| | 9036: Clean and positively charged |
| Width | 25 mm |
| Length | 75 mm |
| Thickness | USB and LAN |
| Edge type | ground |
| Corners | Four corners ground at -135° angle |
| Frost area | 25 x 20 mm |
| Frost color | White |
| Trimming range | 1 to 100 microns in 1 micron increments |
| Quantity | 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 |

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 |
|--------------|---------------------------|
|--------------|---------------------------|

| | |
|------|----------------------------|
| 4310 | Cyto-Tek® Mailer; 100/case |
|------|----------------------------|





Microtomy

Automated Microtome

Tissue-Tek AutoSection®

Manual Microtomes

Accu-Cut® SRM™ 300 *LT*

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

| | |
|--|---|
| Dimensions W x D x H | 16.5 x 26.4 x 17.4 inches (42 x 67 x 44 cm) |
| Weight | 121 lbs (55 kg) |
| Administrator access | Password protected |
| Section thickness | 0.5 – 100 microns |
| Trimming thickness | 1 – 200 microns |
| Retraction distance | No retraction, 20-100 microns |
| Sectioning speed | 10 - 450 mm/second |
| Trimming speed | 10 - 450 mm/second |
| Return speed | 10 - 450 mm/second |
| Typical vertical stroke | 5.2 inches (132 mm) |
| Typical horizontal stroke | 0.37 inches (9.4 mm) |
| Number of presets | Up to 15 |
| Number of protocol steps | Up to 16 |
| Number of user preferences | Up to 32 |
| 3D Chuck/Specimen Holder | Vertical and horizontal axes adjustment range $\pm 4^\circ$ |
| 3D Chuck/Specimen Holder angle resolution | 0.05° |
| Blade angle | Fixed |
| Alignment to the blade edge | $\pm 0.05^\circ$ |
| Alignment distance to the blade | +/-10 microns |
| User interface display | 4.3" color LCD touchscreen with 480 x 272 pixels |
| Remote | Bluetooth® wireless remote |
| Data interface | USB 2.0 |
| Regulatory status | IVD, FDA class I |

Accu-Cut® SRM™ 300 LT Manual Microtome



Accu-Cut® SRM™ 300 LT Manual Microtome

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

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

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

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

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

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

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

Specifications

| | |
|-----------------------------|---|
| Product name | Accu-Cut® SRM™ 300 LT Manual Microtome, Retracting Accu-Cut® SRM™ 300 LT Manual Microtome, Non-Retracting |
| Product codes | 1300 1300N |
| Application | Sectioning of paraffin-embedded specimen blocks for routine and research histology |
| Dimensions W x D x H | 16.4 (W) x 20.7 (D) x 11.8 (H) inches 41.6 (W) x 52.5 (D) x 30.0 (H) cm |
| Weight | 68.0 lbs (30.8 kg) |
| Section thickness | 1 to 40 microns 1 to 10 microns in 1 micron increments 10 to 20 microns in 2 micron increments 20 to 40 microns in 5 micron increments |

| | |
|---|---|
| Trimming thickness lever | 10 to 40 microns |
| Retraction distance | No retraction or 20 microns (factory set) |
| Vertical stroke | 60 mm |
| Horizontal stroke | 25.4 mm |
| Coarse hand wheel | User switchable: clockwise or counter clockwise |
| Specimen orientation using the 3D Precision Chuck | ±8° (XYZ axes) Dial indicators show the exact angle of the chuck |
| LED backlit chuck | 4 color LED backlight (white, red, green and blue) with user-adjustable intensity for each color, on or off option |
| Rated voltage and current for LED light | External AC/DC power supply: 90-240 VAC, 50/60 Hz, 0.3 A Instrument: 12 VAC 0.3 A |
| Blade angle | 0 to 10° |
| Blade holder base: north/south (vertical direction) east/west (horizontal direction) | 26.98 mm 64 mm |
| User interface display | Key pad to control the LED backlight Brake light indicator |
| Certifications | UL61010-1:2012 Ed. 3, UL61010-2-101:2015 Ed. 2, CSA C22.2 61010-1:2012 Ed. 3, CSA C22.2 61010-2-101:2015 Ed. 2, IEC61010-1:2012 Ed. 3, IEC61010-2-101:2015 Ed. 2, IEC 61326-1, IEC61326-2-6 |
| Regulatory status | IVD, FDA Class I |

Product code Product name and quantity

| | |
|------|--|
| 1302 | Accu-Cut® SRM™ Universal Cassette Clamp with LED backlight |
| 1303 | Accu-Cut® SRM™ Tool Organizer |
| 1304 | Accu-Cut® SRM™ Waste Tray |
| 1305 | Accu-Cut® SRM™ Maintenance Kit; 1 kit |
| 1306 | Accu-Cut® SRM™ Blade Holder Assembly |
| 4658 | Tissue-Tek® Waste Collection Bags; 250/case |

Accu-Cut® SRM™ 200 Rotary Microtome



Accu-Cut® SRM™ 200 Rotary Microtome

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

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

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

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

| Product code | Product name and quantity |
|---------------------|--|
| 1429 | Accu-Cut® SRM™ 200 Rotary Microtome (Retracting) |
| 1429N | Accu-Cut® SRM™ 200 Rotary Microtome (Non-retracting) |
| 1434 | Accu-Cut® SRM™ 200 Blade Holder Base Assembly |
| 1469 | Accu-Cut® SRM™ 200 Blade Holder for High Profile Disposable Blades |
| 1435 | Accu-Cut® SRM™ 200 Blade Holder for Low Profile Disposable Blades |
| 1436 | Accu-Cut® SRM™ 200 High-Profile Back Plate (part of item 1469) |
| 1437 | Accu-Cut® SRM™ 200 Low-Profile Back Plate (part of item 1435) |
| 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 |

Specifications

| | |
|--|---|
| Dimensions W x D x H | 15.8 x 18.5 x 11.6 inches (40.0 x 47.0 x 29.5 cm) |
| Weight | 64 lbs (29 kg) |
| Section thickness range | 0.5 - 60 microns |
| Specimen retraction | 220 microns |
| Trimming steps | 10 microns, 50 microns |
| Displacement of blade holder base | Vertical and horizontal directions |
| Compatible blade types | <ul style="list-style-type: none"> • Disposable high- and low-profile steel knives • Disposable high- and low-profile blades • Reusable steel knives |
| Regulatory status | IVD, FDA Class I |

Accu-Edge® Disposable Microtome Blades

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

● = Best ○ = Good



4685



4689



4980



7089

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 | 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 an 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* |

*Can only be used for the Low-Profile Blades

Tissue-Tek® Cold Plate



Tissue-Tek® Cold Plate

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

| Product code | Product name and quantity |
|--------------|---------------------------|
|--------------|---------------------------|

| | |
|------|---|
| 4650 | Tissue-Tek® Cold Plate 1 base/case and 4 x 6 plates, 25 x 10 x 3 cm; 24/case |
|------|---|





Primary and special staining

Automated slide stainers

Tissue-Tek Prisma® *Plus*

Histo-Tek® SL Slide Stainer

Histo-Tek® Mini Stainer

Stain Kit

Tissue-Tek Prisma® H&E Stain Kit #1

Manual slide staining

Tissue-Tek® Manual Slide Staining Set

Tissue-Tek Prisma® Plus

Automated Slide Stainer



Tissue-Tek Prisma® Plus

The 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 #1 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 |
| 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 |



Touchscreen programming



Barcode reader



[Link to coverslipper](#)

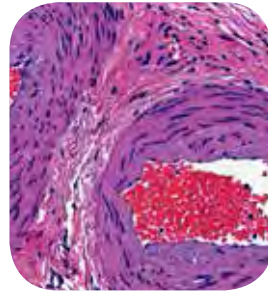
Specifications

| | |
|---------------------------------|---|
| 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 |
| Stain process capacity | Reagent volume: 160, 260 and 680 mL Staining protocols: 11 runs continuously loading, and simultaneously running Baskets: 10- or 20- slide basket Loading: Up to 60 slides per run |
| Temperature | Drying station: 86 - 149°F (30 - 65°C) Heating station: 86 - 158°F (30 - 70°C) |
| Heating (optional) | 2 stations |
| Regulatory status | IVD, FDA Class I |

Tissue-Tek Prisma® H&E Stain Kit #1



Intestinal tissue processed
on Tissue-Tek VIP 6 AI



Ovarian tissue processed
on Tissue-Tek VIP 6 AI

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

Tissue-Tek Prisma® H&E Stain Kit #1

The ready-to-use kit consists of 6 bottles (1 each Hematoxylin and Eosin, 2 each Differentiator and Bluing Reagent) eliminating the need to measure or dilute reagents while continuously maintaining the highest quality stain.

The 750 mL fill size, ready-to-use bottles were designed to match the recommended volume for standard Prisma solution stain reservoirs.

The optimized staining protocol of this system means reproducible results that the pathologists demand from the first slide to the last slide. The perfectly matched H&E kit is stringently QC-tested to provide lot-to-lot stain consistency. Only Biological Stain Commission-certified dyes are used in the manufacturing process to ensure the highest quality kit components.

The patented, custom-designed bottle with ergonomic grips enables more secure handling to minimize spills while the wide bottle opening makes fast and splash-free filling of solution reservoirs much easier. Color-coded labels and bottle caps which match the colors of the solution

configuration of the Tissue-Tek Prisma® *Plus* helps avoid filling errors.

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

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

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



Barcode Reader



Kit is designed for all Tissue-Tek Prisma® Stainers

Product code **Product name and quantity**

6190 Tissue-Tek Prisma® H&E Stain Kit #1, contains 1 bottle Hematoxylin, 1 bottle Eosin, 2 bottles Differentiator, and 2 bottles Bluing Reagent, 750 mL each bottle; 1 kit

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

Histo-Tek® SL Automated Slide Stainer



Histo-Tek® SL Slide Stainer

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

| Features | Benefits |
|--------------------------|--|
| 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

| | |
|---------------------------------|---|
| Throughput | Up to 120 slides per hour |
| Dimensions W x D x H | 33 x 31 x 16 inches (81 x 79 x 41 cm) |
| Weight | 55 lbs (25 kg) |
| Number of reservoirs | Start 1 station Reagent 22 reservoirs Wash 2 stations |
| Capacity | Reagent volume: 350 mL Staining protocols: 4 runs continuously loading, and simultaneously running Baskets: 20 or 30 slide basket Loading: Up to 30 slides per run |
| Regulatory status | IVD, FDA Class I |

Histo-Tek® Mini Stainer

Automated 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 FNAs. The small staining containers minimize reagent waste and reduce 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 | Allows for multiple tissue levels |
| 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 A |
| 1921 | Histo-Tek® Reagent Container |
| 1922 | Histo-Tek® Slide Carrier |

| 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 |
| 1930 | Histo-Tek® Exit Tank |
| 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 62 x 22 x 28 cm |
| Unit weight without 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) |
| Regulatory status | IVD, FDA Class I |

Tissue-Tek® Manual Slide Staining Set



Tissue-Tek® Manual Slide Staining Set

The Tissue-Tek Manual Slide Staining Set can be used for histological or cytological staining procedures. The set provides simultaneous use of up to 12 solution wells, each deep enough to permit total immersion of 2.5 to 7.6 cm slides. The tamped metal frame is solvent-resistant, with a snap-locking cover that prevents spills. 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; 12 staining dishes with lids |
| 4456 | Staining Dish, Green with lid; 6/case |
| 4457 | Staining Dish White with lid; 6/case |
| 4465 | 24-Slide Slide Holder with detachable handle; 6/case |





Coverslipping

Automated Coverslippers

Tissue-Tek Film® Automated Coverslipper

Tissue-Tek® Glas™ g2 Automated Coverslipper

Film

Tissue-Tek® Coverslipping Film

Mounting Medium

Tissue-Tek® Glas™ Mounting Medium

Coverslips

Tissue-Tek® Glas™ g2 Coverslips

Tissue-Tek Film® Automated Coverslipper



The clear choice

The Tissue-Tek Film® Coverslipper is the fastest and only film coverslipper in the world capable of connecting to the Tissue-Tek Prisma® *Plus* stainer to increase laboratory productivity. With over 3 billion slides coverslipped with our xylene activated adhesive-backed Tissue-Tek® Coverslipping Film, now in its 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 |

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

Specifications

| | |
|-------------------------------------|--|
| Dimensions W x D x H | 28.3 x 23.2 x 27.1 inches (72 x 59 x 69 cm) |
| Weight | Approximately 165 lbs (75 kg) |
| Throughput | 1,080 slides per hour |
| Configuration | Benchtop |
| Loading capacity | 3 baskets into load stations |
| Xylene capacity | 500 mL bottle |
| Slide size | 1 x 3 inches (25 x 75 mm) |
| Coverslipping lengths | 45, 50, 55, or 60 mm |
| Coverslips per roll | 1,333 per 45 mm coverslip length |
| Operating temperature | 50 to 104°F (10 to 40°C) |
| Fume filtration | Activated carbon filters on-board Optional external vent connection |
| Integrated staining via Link | Tissue-Tek Prisma or Tissue-Tek Prisma Plus, using Tissue-Tek Film Link (6134) |
| User interface display | VFD (Vacuum Fluorescent Display), 20 characters x 4 lines, 3 LED's |
| LIS connectivity | Optional barcode reader |
| Special applications | Validated for use on the Hologic Thin Prep® Stain Plus Imaging System |
| Regulatory status | IVD, FDA Class I |

Tissue-Tek® Glas™ g2 Automated 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 Hose Assembly; 38 mm diameter |
| 6507 | Tissue-Tek® Glas™ g2 Exhaust Hose Assembly; 75 mm diameter |

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

Specifications

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

Tissue-Tek® Coverslipping Film



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

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



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

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 Product name and quantity

6419 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 applications (histology/cytology/IHC). 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 Genie® Capsules
Tissue-Tek Genie® Cartridges
Tissue-Tek Genie® *Pro* Detection Kits
Tissue-Tek Genie® Antibodies**

**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

| 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

| | |
|---|--|
| Applications | Automated IHC and ISH, dewaxing, antigen retrieval, rehydration, digestion, denaturation, hybridization, stringent wash, staining, counterstaining |
| Turn-around time | 1 hour 44 minutes to 2 hours 44 minutes IHC including dewaxing, antigen retrieval to counterstaining |
| Throughput | Up to 90 IHC slides in 8 hours |
| Temperature control of reagent on slides | 50 to 208°F (10 to 98°C) |
| Slide capacity | 30 independent slide stations |
| Modularity | Up to 5 Genie instruments may be controlled from 1 PC |
| Configuration | Free standing, floor model |
| User access levels | 3, user-defined |
| Water supply | Not required |
| Dimensions | 65 (W) x 30 (D) x 63 (H) inches 165 (W) x 75 (D) x 160 (H) cm |
| Weight (dry) | 1,280 lbs (580 kg) |
| Instrument operating conditions | Temperature range: 59 to 86°F (15 to 30°C) |
| Relative humidity range | 30 ~ 80% R.H., non-condensing |
| Noise level | <65 dB (operating) at 3 feet (1 m) |
| Power required | 115 VAC ± 10%, 50/60 Hz, single phase, 20 A |
| Power rating | 115 VAC, 50/60 Hz, single phase, 18 A |
| Power connection | Power cord suited to country. For U.S.A., standard 3 prong, grounded |
| Interface | LIMS, LIS, middleware |
| Barcode | 1D (code 93) and 2D (datamatrix, QR code) |
| IHC and ISH menus | Refer to Tissue-Tek Genie Advanced Staining Catalog, IHC antibodies and ancillary reagents |
| Capsule capacity on-board | 30 |
| Cartridge capacity on-board | 19 |
| Bulk reagent container capacity | 6 x 1 gallon |
| Bulk waste container capacity | 2 x 1 gallon |
| Antibody and probe dispensing options | Prefilled RTU capsules, prefilled RTU cartridges, user-fillable capsules, user-fillable cartridges, manual pipetting |
| Certifications | ETL |
| Regulatory status | 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 antibodies or probes 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 on any free station of any Tissue-Tek Genie, to gain continuous workflow with short and predictable TAT.

Tissue-Tek Genie® Cartridges



Tissue-Tek Genie® cartridges

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

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

Tissue-Tek Genie® Pro Detection Kits

Tissue-Tek Genie® Pro Detection Kit, DAB

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

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

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

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

Tissue-Tek Genie® Pro AP Red Detection Kit

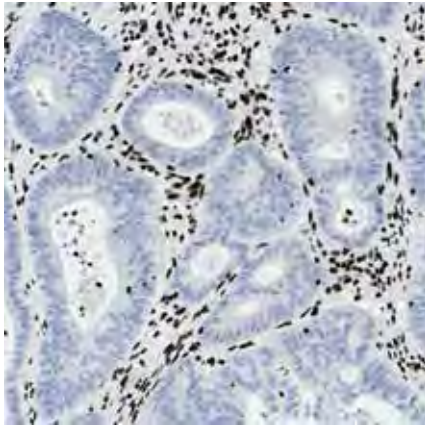
The Tissue-Tek Genie Pro AP Red Detection Kit uses a non-biotin based system to detect and to visualize mouse and rabbit primary antibodies bound to antigens in formalin-fixed, paraffin-embedded (FFPE) specimen sections.

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

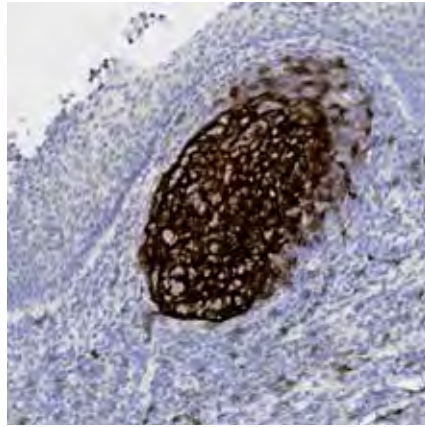
| Dewax | Antigen Retrieval | Protein Block | Primary Antibody | Link | AP Conjugate | Fast Red | Counterstain |
|------------|-------------------|---------------|------------------|--------|--------------|----------|--------------|
| 0 or 6 min | 0-90 min | 0 or 9 min | 12-30 min | 15 min | 10-30 min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

Tissue-Tek Genie® Antibodies

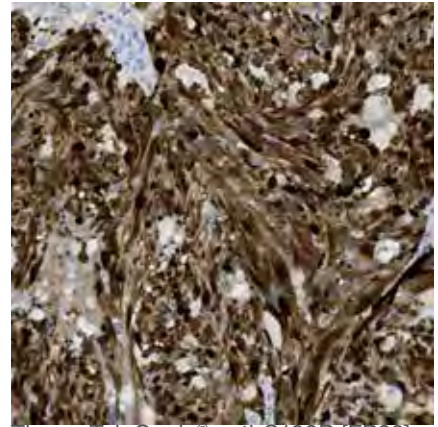
Please visit the Tissue-Tek Genie Stain Gallery at: <https://genie.tissuetek.cloud/> to experience the high quality stains of already more than 100 antibodies.



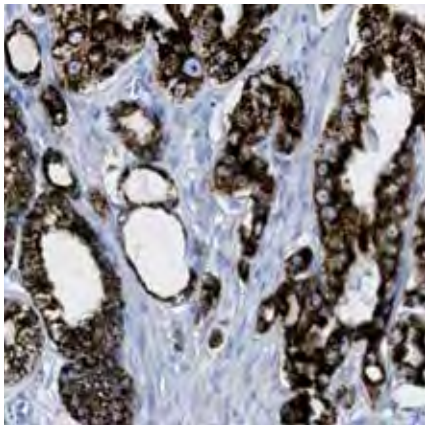
Tissue-Tek Genie® anti-MSH2 [RED2]
Negative staining of colon adenocarcinoma with loss of MSH2 expression.



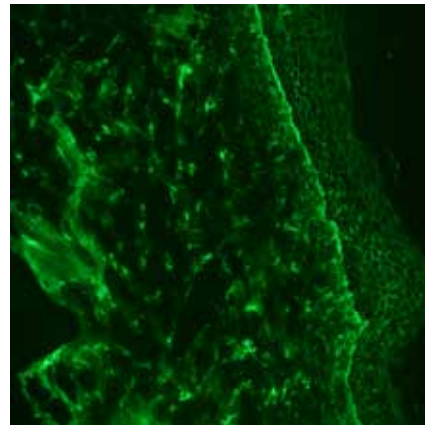
Tissue-Tek Genie® anti-CD23 [GRO13]
Moderate staining of activated B-cells in the mantle zone and follicular dendritic cells of germinal centers in tonsils.



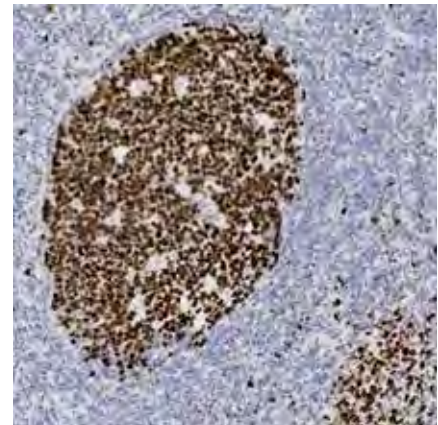
Tissue-Tek Genie® anti-S100B [EP32]
Strong staining in malignant melanoma.



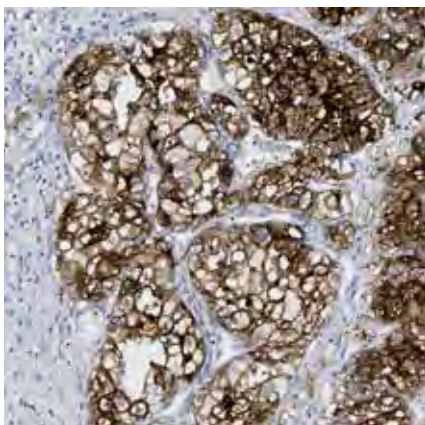
Tissue-Tek Genie® anti-AMACR [13H4]
Strong staining in T-cell lymphoma.



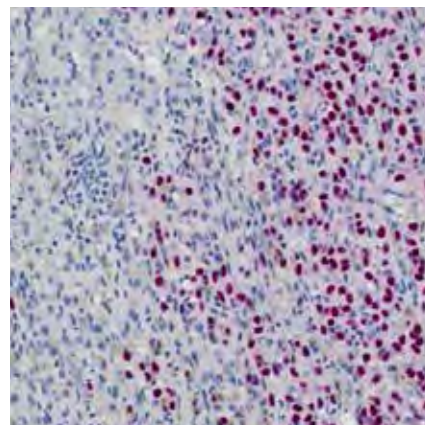
Tissue-Tek Genie® FITC anti-C3
Linear deposition of C3 at junction in skin with bullous pemphigoid.



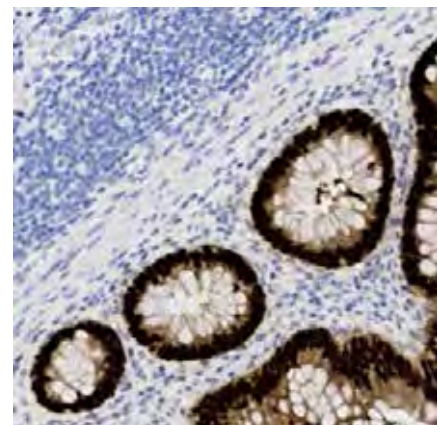
Tissue-Tek Genie® anti-BCL6 [EP278]
Negative staining of non-germinal center B-cells with moderate to strong staining in the germinal center B-cells in tonsil.



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



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



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

Tissue-Tek® Quick-Ray™ Tissue Microarray System

Advanced staining



8010



8016

8018

8017

8019

8020

Tissue-Tek® Quick-Ray™

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

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

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

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

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

| 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



Cytology preparation

Cyto-Tek® 2500 Cytocentrifuge

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

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

| Product code | Product name and quantity |
|--------------|--|
| 4300 | Cyto-Tek® 2500 Cyto centrifuge; 100 to 240 VAC, 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

| | |
|---------------------------------|---|
| Dimensions W x D x H | 15 x 19 x 9 inches (38 x 49 x 23 cm) |
| Weight | 26 lbs (12 kg) |
| Process capacity | Up to 12 specimens at a time |
| Speed | Adjustable from 200 to 2,500 rpm, in 10 rpm increments |
| Programmable times | 1 second to 99 minutes 59 seconds (selectable in one second increments) |
| Chamber sizes | 1, 6, and 12 mL chambers |
| Regulatory status | IVD, FDA class I |

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 |
|--------------|---------------------------|
|--------------|---------------------------|

| | |
|------|----------------------------|
| 4310 | Cyto-Tek® Mailer; 100/case |
|------|----------------------------|





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 Cassette System

Tissue-Tek® Uni-Cassette® Standard Cassette System

Histo-Tek® Standard and Biopsy Cassettes

Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader



Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader

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

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

The Tissue-Tek SmartWrite Cassette Printers have been optimized and validated for black or color printing on Tissue-Tek® Uni-Cassette®, 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 quality |
| 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 |

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 |

Specifications

| | |
|--|---|
| Dimensions W x D x H | 19.3 x 12.0 x 25.9 inches (49.0 x 35.5 x 25.9 cm) |
| Weight | 74 lbs (33.6 kg) |
| Power requirements | 110-240 VAC, 50/60 Hz, 60 watts |
| Cassette printer speed | Up to 8 cassettes/minute (black) Up to 5 cassettes/minute (solid colors) |
| Resolution | 300 dpi |
| Ink type | Resin thermal transfer (ribbon) |
| Printable colors | 8 solid colors and many patterns |
| Print options | Alphanumeric, 1D and 2D barcodes, graphics and logos |
| Cassette capacity per hopper/4x | 40 Tissue-Tek Uni-Cassettes / Tissue-Tek Paraform (total 160) |
| Cassette loading | Robotic |
| Output tray capacity | 7 cassettes (17 cassettes with cassette tray extension) |
| Cassette hoppers | 9 clear hoppers for cassettes with and without lids |
| Print cartridge and print quality | Black ribbon cartridge: 4,300 cassettes Color ribbon cartridge: CMYK 1,000 cassettes |
| Print drivers | Microsoft® Windows® 10/8.1/8/7, Windows Vista® /XP |
| Data interface | USB 2.0 |

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

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 |

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

Specifications

| | |
|--|---|
| Dimensions | 9.6 x 8.8 x 12.4 inches |
| W x D x H | (24.4 x 22.4 x 31.4 cm) |
| Weight | 20.0 lbs (9.1 kg) |
| Resolution | 6 seconds per cassette |
| Ink type | Resin thermal transfer (ribbon) |
| Printable colors | 8 solid colors and many patterns |
| Print options | Alphanumeric, 1D and 2D barcodes, graphics and logos |
| Cassette loading | Manual feed |
| Output tray capacity | 1 cassette |
| Print cartridge and print quality | Black ribbon cartridge: 4,300 cassettes Color ribbon cartridge: CMYK 1,000 cassettes |
| Printer drivers | Microsoft® Windows® 10/8.1/8/7 Windows Vista®/XP |
| Data interface | USB 2.0 |
| Power requirements | 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 |

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

Specifications

| | |
|--|--|
| Dimensions | 7.1 x 12.6 x 8.6 inches |
| W x D x H | (18.0 x 31.95 x 21.8 cm) |
| Weight | 16.8 lbs (7.62 kg) |
| Slide Printer speed | Up to 9 slide/minute (black) Up to 5 slides/minute (solid colors) (Timed from delivery of first printed slide) |
| Resolution | 300 dpi |
| Print technology | Thermal transfer |
| Slide holder capacity | 300 slides |
| Output tray capacity | 15 Slides |
| Ink type | Resin thermal transfer |
| Print text options | Alphanumeric, 1D and 2D barcodes, graphics, and logos |
| Printable colors | 8 solid colors and many patterns |
| Print cartridge and print quality | Black cartridge: 5,000 slides Color cartridge: CMYK: 1,000 slides |
| Printer drivers | Microsoft® Windows® 10/8.1/8/7, Windows Vista® /XP |
| Data Interface | USB 2.0 |
| Power requirements | 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.

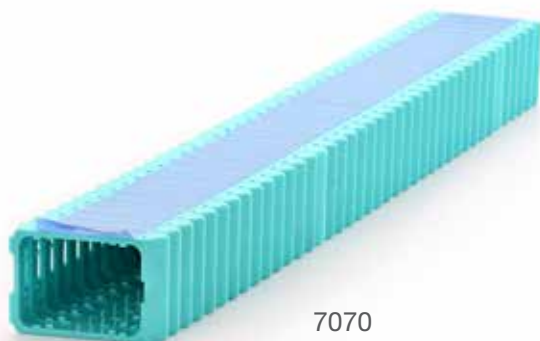
Charged slides are processed to provide a uniform coating of positive charge across the entire slide for best section adhesion. Slides are conveniently packaged 100 per box for easy loading into the slide holder. These slides are ideal for H&E, IHC, and Special Stains.

| 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.

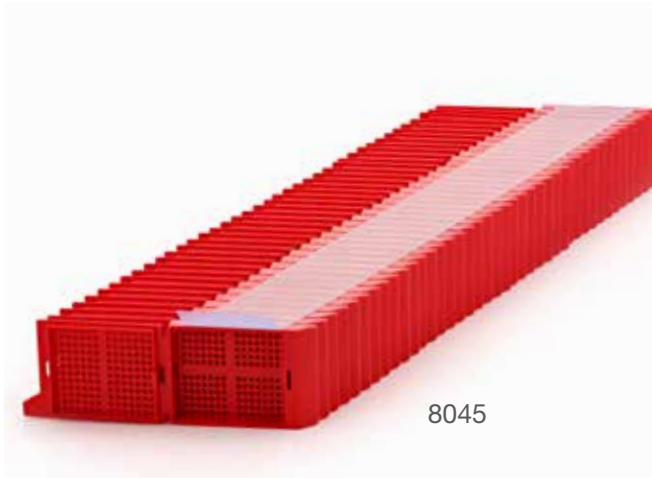
| Product code | Product name and quantity |
|--------------|---|
| 7070 | Tissue-Tek® Paraform® Stacked Frames Aqua; 400/case |
| 7071 | Tissue-Tek® Paraform® Stacked Frames Blue; 400/case |
| 7072 | Tissue-Tek® Paraform® Stacked Frames Gray; 400/case |
| 7073 | Tissue-Tek® Paraform® Stacked Frames 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



4118-01

Tissue-Tek® Uni-Cassette® Standard Cassette System

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

- Designed for maximum fluid exchange during processing
- Contains a base and attached lid, which is easily removed
- Manufactured from chemical-resistant plastic, including solvents and decalcifying solutions, Tissue-Tek Uni-Cassettes come in two sizes of writing surfaces and can be printed on with the Tissue-Tek® 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 Cassette System



9227



9348

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 |





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 imaging (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 U.S.A.

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 | Enables 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"> • Microsoft® Windows® Professional 10, 7, 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 |

Specifications

| | |
|---------------------------------------|---|
| Dimensions W x D x H | 15.9 x 20.5 x 17.9 inches (40.5 x 52.0 x 45.5 cm) |
| Weight | 77.2 lbs (35 kg) |
| Optics (Carl Zeiss Objectives) | EC Plan NeoFluar® 5x/0.16 NA, 20x/0.5 NA, 40x/0.75 NA |
| Magnification | Overview image 0.45x High-resolution live magnifications: 2.5x, 5x, 10x, 20x, 40x, 63x |
| Illumination | White light LED, with Köhler illumination User illumination control |
| XY-stage automation | XY stage accommodates 4 standard microscope slides on a slide carrier, controlled via mouse |
| Z-stage autofocus | 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 |
| Slide loading | Slide Carrier accommodates up to 4 standard microscope slides |
| Label/barcode | 1D and 2D barcode recognition |
| Image detection | 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 |
| Operation modes | 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 |
| Scan speed | 1.5 min for 15 mm x 15 mm (at 0.275 µm/pixel) |
| Workstation | Operating system: Windows® 10, 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 |
| Power requirements | 85-264 VAC, 47-63 Hz, single-phase, power cord connector: IEC/EN 60320-1/C14 NOTE: Universal power supply |
| Power ratings | 100 VAC operation: 4 A; 240 VAC operation: 2 A |
| Regulatory status | IVD, FDA class I |

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 U.S.A.

| Product code | Product name and quantity |
|--------------|---|
| 9000 | VisionTek® Digital Microscope <ul style="list-style-type: none"> • Microsoft® Windows® Professional 10, 7, 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 | Enables telepathology from various locations including a frozen section lab, Pathologist's office, teaching laboratory, tumor board, or a research bench |

Specifications

| | |
|---------------------------------------|--|
| Dimensions W x D x H | 15.9 x 20.5 x 17.9 inches (40.5 x 52 x 45.5 cm) |
| Weight | 77.2 lbs (35 kg) |
| Optics (Carl Zeiss Objectives) | EC Plan NeoFluar® 2.5x/0.075 NA, 10x/0.3 NA, 20x/0.5 NA |
| Magnification | Slide tray overview 0.45x 2.5x, 10x, 20x, 40x |
| Illumination | White LED, with Köhler illumination |
| XY-stage automation | XY stage accommodates 4 standard microscope slides on a slide carrier and controlled via mouse |
| Z-stage autofocus | 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 |
| Slide loading | Slide Carrier accommodates up to 4 standard microscope slides |
| Label/barcode | 1D and 2D barcode recognition |
| Image detection | 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 |
| Operation modes | 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 |
| Scan speed | 3 min for 15 mm x 15 mm (at 0.275 µm/pixel) |
| Workstation | Operating system: Windows® 10, 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 |
| Power requirements | 85-264 VAC, 47-63 Hz, single-phase, power cord connector: IEC/EN 60320-1/C14; NOTE: Universal power supply |
| Power ratings | 100 VAC operation: 4 A; 240 VAC operation: 2 A |
| Regulatory status | IVD, FDA class I |





Storage systems

Slide and Block Storage Cabinet

Tissue-Tek® Lab Aid® Ultra™ II Cabinet

Slide Filing Cabinet System

Tissue-Tek® Lab Aid® Slide Filing Cabinet System

Block Filing Cabinet

Tissue-Tek® Uni-Cassette® Block Filing Cabinet

Tissue-Tek® Lab Aid® Ultra™ II

Slide and Block Storage Cabinet



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

The Tissue-Tek Lab Aid Ultra II Cabinet is a large capacity storage unit for slides and cassettes with security features. A sturdy steel construction ensures long-term use and a drawer lock guaranteeing specimen safety. The convenient removable trays accommodate up to 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

| | |
|---------------------------------------|---|
| Dimensions W x D x H | 43.3 x 23.4 x 28.1 inches (110 x 59.5 x 71.3 cm) |
| Weight | |
| Empty cabinet | 271 lbs (123 kg) |
| Filled with 96,000 slides | 1,290 lbs (585 kg) |
| Filled with 22,000 blocks | 685 lbs (310 kg) |
| Capacity | |
| Number of drawers | 10 |
| Number of trays per drawer | 8 for slides or 16 for blocks, not mixed |
| Cabinet for slides | Up to 96,000 slides (up to 9,600 per drawer) |
| Cabinet for blocks | Up to 22,000 slides (up to 2,200 per drawer) |
| Slides per tray | Approximately 1,200 standard slides |
| Blocks per tray | Approximately 138 standard blocks |
| Rows per tray | 4 |
| Tray dimensions | |
| W x D x H | 1.3 x 4.7 x 15.4 inches (3.2 x 12.0 x 39.0 cm) |
| With lid W x D x H | 1.8 x 4.8 x 15.4 inches (4.5 x 12.2 x 39.2 cm) |
| Row width | 1.1 inches (2.9 cm) |
| Load capacity | 1,984 lbs (900 kg) |

Tissue-Tek® Lab Aid® Slide Filing Cabinet System



Tissue-Tek® Lab Aid® Slide Filing Cabinet System

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

Features

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

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

Slide backstops easily attach to the inside of the drawers

Slide liner (spring)

Welded steel construction

Benefits

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

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

Holds the slides in place when drawer is not full

Holds slides upright during drying process.

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 | Floor base: (L x W x H) 533 x 533 x 114 mm; 2.4 kg Top panel: (L x W x H) 533 x 533 x 63 mm; 3.2 kg |
| | 25 mm drawer section: (L x W x H) 533 x 533 x 177 mm; 11 kg |
| | 50 mm drawer section: (L x W x H) 533 x 533 x 177 mm; 9 kg |
| Capacity | 25 mm drawer section: 14 drawers, 6,500 standard slides |
| | 50 mm drawer section, green: 7 drawers, 1,897 transparencies |
| | 25 mm drawer vertical filing: 465 standard slides |

Tissue-Tek® Uni-Cassette® Block Filing Cabinet



Tissue-Tek® Uni-Cassette® Block Filing Cabinet

Compact and stackable for efficient storage, the Tissue-Tek Uni-Cassette Block 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 6 impact-resistant plastic drawers with identification area.

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

Product code **Product name and quantity**

4192 Tissue-Tek® Uni-Cassette® Block Filing Cabinet

Specifications

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

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