Sakura Finetek USA

Histology and Cytology Product Catalog 2020

continuous innovation for pathology

SAKURA®

Welcome to Catalog 2020

Welcome to the new updated catalog of Sakura Finetek USA.

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 34 years! We value your business and we would not be Sakura Finetek if not for your gracious loyalty and confidence in our people, products, and services.

Takashi Tsuzuki
Chairman and CEO Sakura Finetek USA, Inc.

Global mission statement

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

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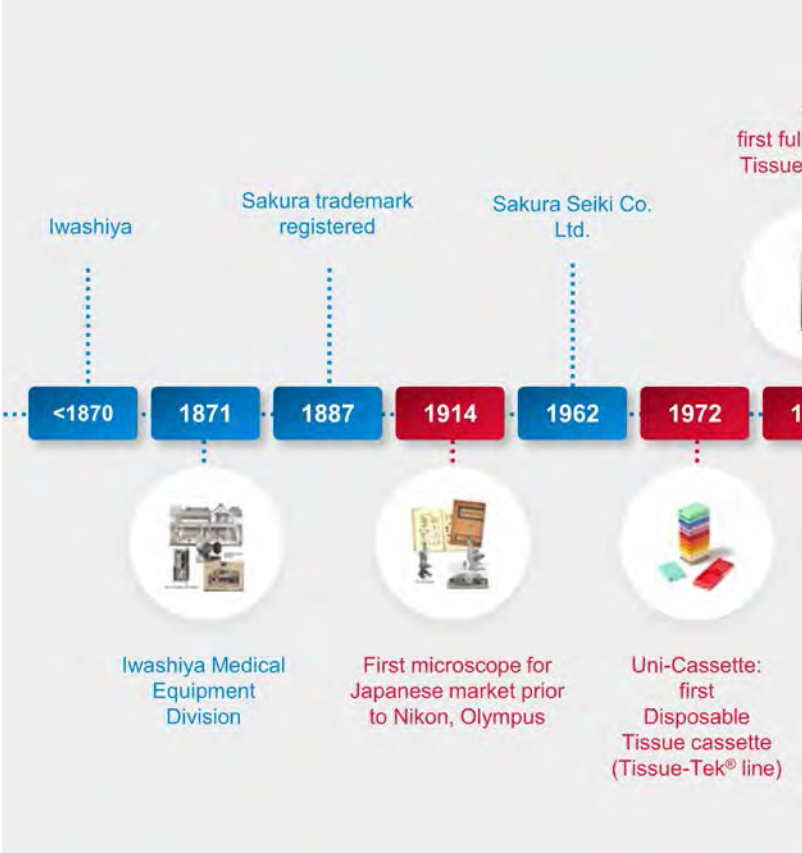
Sakura Finetek history

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

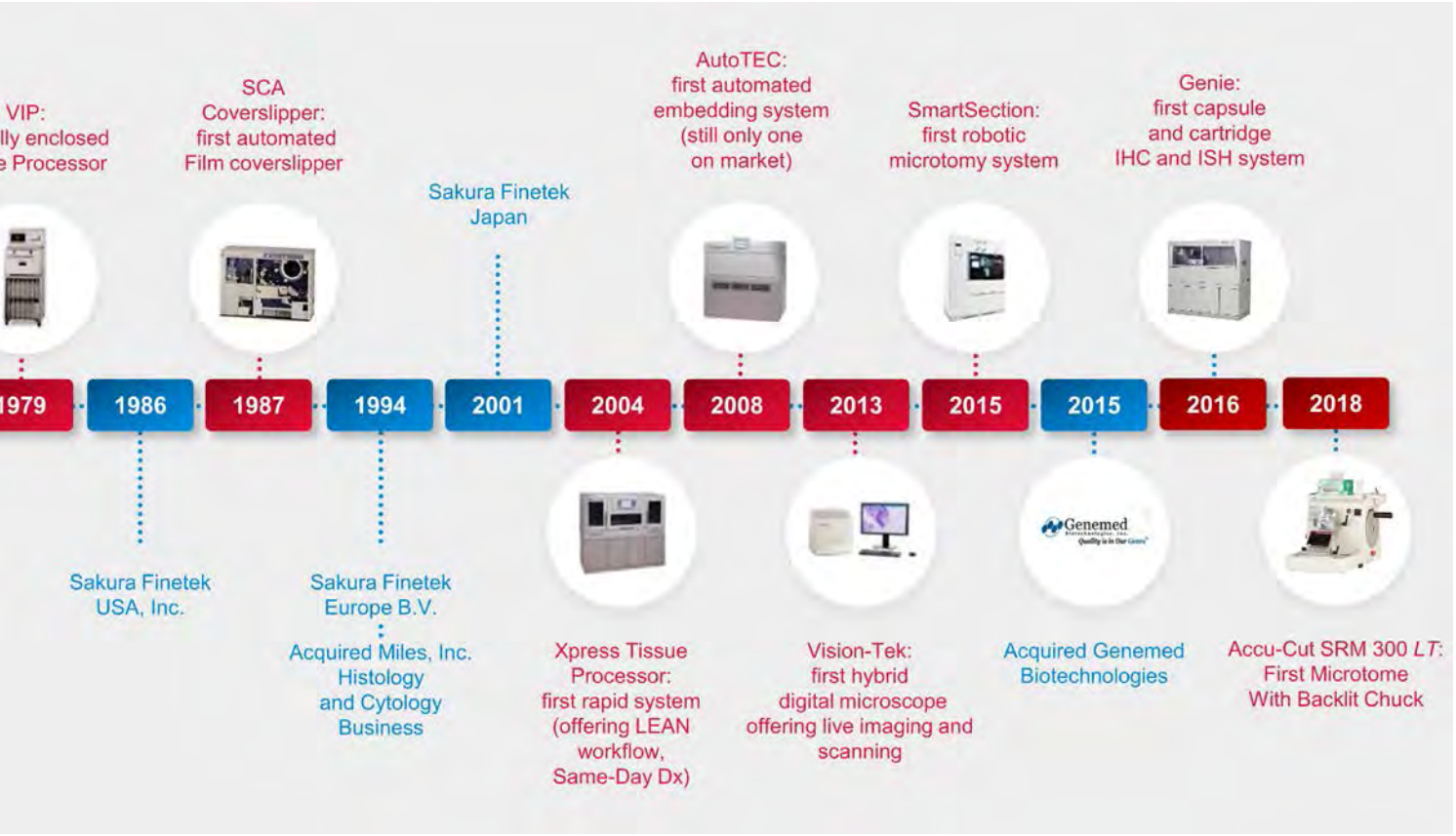
Sakura Finetek USA, Inc. was established in the United States in 1986. The company acquired the histology and cytology product lines of Miles, Inc. in 1994. And by 1998, construction of its state-of-the-art research and manufacturing center was added in Torrance, California. In 2015, Sakura Finetek acquired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

Over the years several product lines have grown the portfolio in histology, cytology, and advanced staining. Several product families have changed how laboratories are working and achieving better and faster results today supporting the standardization in pathology: Tissue-Tek VIP®, Tissue-Tek Xpress®, Tissue-Tek AutoTEC®, Tissue-Tek® Cryo$_3$®, 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.



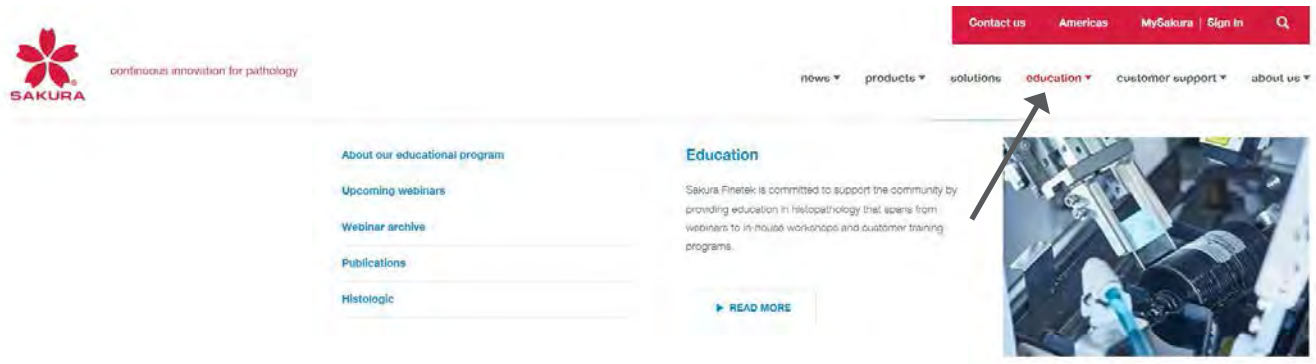
These innovative products dramatically reduce specimen turnaround times while providing unparalleled quality.

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



SMART Automation
Tissue-Tek Xpress *x120* and AutoTEC *a120*

Sakura Finetek continuing education



Sakura Finetek Webinar Series

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

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

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

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

Webinar archive

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

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

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

Sakura Finetek conferences and scientific meetings

Come visit us in 2020

January 20-24
University of Miami Annual Pathology Conference
W South Beach, South Beach, FL

March 2-4
United States & Canadian Academy of Pathology
109th Annual Meeting
Los Angeles Convention Center, Los Angeles, CA

April 23-26
52nd Annual Meeting American College of Mohs Surgery
Gaylord Opryland Resort, Nashville, TN

May 18-21
Pathology Informatics Summit
The David L. Lawrence Convention Center, Pittsburgh, PA

August 6-9
7th Annual Practical Symposium
A Cockerell *Educational* Foundation Event
Park Hyatt, Beaver Creek, CO

September 13-17
AAPA 46th Annual Continuing Education Conference
Westin Fort Lauderdale Beach Resort, Fort Lauderdale, FL

October 10-13
College of American Pathologist Annual Meeting
Wynn, Las Vegas, NV

October 16-21
46th Annual NSH Symposium/Convention
Reno-Sparks Convention Center, Reno, NV

November 5-8
American Society of Mohs Surgery -
Fundamentals of Mohs Surgery
Doubletree Hotel San Diego Mission Valley, San Diego, CA

November 5-8
68th Annual Scientific Meeting American Society of Cytopathology
Omni Orlando Resort, Orlando, FL

Tissue-Tek AutoSection®
Automated Microtome, page 78

Tissue-Tek® SmartWrite®
Frosted Slides, page 130

Tissue-Tek® SmartWrite®
Slide Printer, page 128

Tissue-Tek AutoTEC® *a120*
Automated Embedding System, page 60

Continuous workflow

Same-day diagnosis

Standardized

Proven reliability

Tissue-Tek Xpress® *x120*
Rapid Tissue Processor, page 50

Tissue-Tek® SmartWrite®
Cassette Printer with AutoLoader, page 124

Sakura Finetek SMART automation workflow

Tissue-Tek Prisma® H&E Stain Kit #1
page 91

Tissue-Tek Prisma® *Plus* /Tissue-Tek Film® Coverslipper, page 88

When selecting instruments for an automated workflow, productivity, standardization, and reliability are key for a stress-free and efficient working environment. Start benefiting from redesigning and automating routine manual histology processes to leverage the increased productivity of small batch, continuous flow of samples. The path to automation and optimized workflow starts in grossing by selecting the most advanced and fully customizable grossing workstation. For better productivity the identification of specimens requires a fast and versatile SmartWrite Cassette Printer. Then, 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 33

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

Accu-Cut® SRM™ 300 *LT*
Manual Microtome, page 80

Tissue-Tek® SmartWrite®
Frosted Slides, page 130

Tissue-Tek® SmartWrite®
Slide Printer, page 128

Tissue-Tek® TEC™ 6
Embedding Console System, page 64

Batch workflow

Unchanged

Open platform

Proven reliability

Tissue-Tek VIP® 6 AI
Vacuum Infiltration Processor, page 54

Tissue-Tek® SmartWrite®
Cassette Printer with AutoLoader, page 124

Sakura Finetek conventional workflow

Tissue-Tek Prisma® H&E Stain Kit #1
page 91

Tissue-Tek Prisma® *Plus* /Tissue-Tek Glas™ *g2*, page 88

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

Tissue-Tek® Uni-Cassette® System, page 30

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.

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

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

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

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® *i*Support™
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 *i*Support 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 *i*Support Service Link:

Tissue-Tek Prisma® *Plus*
Automated Slide Stainer

Tissue-Tek® Cryo$_3$® 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™

PAXcam™ HD Gross Imaging System

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

Histo-Tek® Biopsy Bags

Tissue Orientation Gels

Tissue-Tek® Paraform® Tissue Orientation Gels

Formalin Safety System

Tissue-Tek® FormaGO®

Tissue-Tek® Accu-Edge®
Grossing Stations

0138


0110


0115


0105

Tissue-Tek® Accu-Edge® Grossing Stations

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

Grossing stations are available in widths of 48 to 60 inches

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

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

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

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

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

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

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

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

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

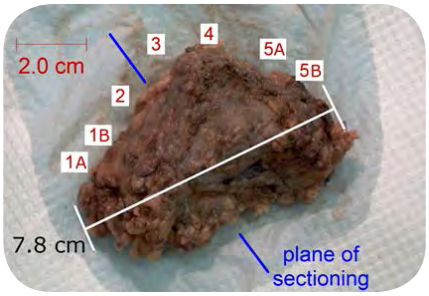
Product code	Product name and quantity
0105	Tissue-Tek® Accu-Edge® Grossing Station, Elevating with Hands-Free Controls
0106	Tissue-Tek® Accu-Edge® Grossing Station, Elevating
0107	Tissue-Tek® Accu-Edge® Grossing Station with Hands-Free Controls
0108	Tissue-Tek® Accu-Edge® Grossing Station
0110	Tissue-Tek®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

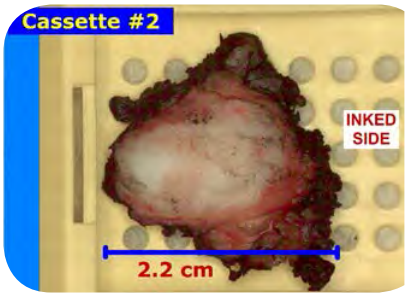
Product code	Product name and quantity
0148	Tissue-Tek® Accu-Edge® Bracket, CPU
0150	Tissue-Tek® Accu-Edge® Camera Mount Facility (FO)*
0152	Tissue-Tek® Accu-Edge® Cassette Holders (FO)*
0153	Tissue-Tek® Accu-Edge® Container, Formalin
0154	Tissue-Tek® Accu-Edge® Disposal, 1/2 HP (FO)*
0156	Tissue-Tek® Accu-Edge® Disposal, 1 HP (FO)*
0159	Tissue-Tek® Accu-Edge® Dissecting Board
0162	Tissue-Tek® Accu-Edge® Exhaust Duct to Building (FO)*
0163	Tissue-Tek® Accu-Edge® Exhaust Duct, 8" diameter
0164	Tissue-Tek® Accu-Edge® Eyewash Assembly (FO)*
0169	Tissue-Tek® Accu-Edge® Filter, Activated Carbon and Potassium Permanganate
0170	Tissue-Tek® Accu-Edge® Flammable Storage Cabinet (FO)*
0172	Tissue-Tek® Accu-Edge® Formalin Dispense/ Collection System (FO)*
0173	Tissue-Tek® Accu-Edge® Formalin Dispense System (FO)*
0174	Tissue-Tek® Accu-Edge® Formalin Collection System (FO)*
0175	Tissue-Tek® Accu-Edge® Forms Holder
0176	Tissue-Tek® Accu-Edge® Full Perimeter Rinse (FO)*
0177	Tissue-Tek® Accu-Edge® Glove Box Holder
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
PI-HDG	PAXcam™ HD Gross Imaging Camera plus Software
PI-HDG-B	PAXcam™ Benchtop stand
PI-HDG-BL	PAXcam™ Back Light
PI-HDG-RL	PAXcam™ Ringlight
PI-HDG-RBL	PAXcam™ Combined Ringlight with Back Light

*(FO) Factory Option

PAXcam™ HD Gross Imaging System





PAXcam™ HD Gross Imaging System

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

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

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

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

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

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

Features	Benefits
Compact	Camera can be mounted inside a grossing station, over a benchtop or above an autopsy table for quick and easy photograph
Auto focus / auto exposure	No need to handle the camera for standard functions
30x zoom	Accommodate a wide variety of specimen sizes at one working distance
Foot pedal control	• Hands-free imaging • Foot pedal with presets allows camera functions (zoom level, exposure) and lighting levels to be easily switched • Image capture is also via footswitch • Foot pedal may be programmed for other functions by end user
Presets	• Camera presets allow storage of camera and light settings for a full range of specimens • Markup presets allow easy image annotation to decrease dictation time • Presets may be created and/or edited by end user
PAXcamConnect™	• Live streaming for remote consultation • View and oversee grossing operations from outside of the grossing area, or share views with colleagues at remote sites
PAX-it!™ software	Seamlessly capture images into a user-defined database archive, with touch-friendly markup tools, reporting tools, and more: • Draw lines, boxes, and circles on your image manually or with easy user-defined presets • Add pre-formatted text phrases to your image with one touch • Add a calibrated scale bar or multiple scale bars to the image • Draw calibrated measurement lines with immediate readout in your choice of measurement units • Simple tap control to drop sequential labels (A,B,C... or 1,2,3...) for serial sections or cassette designations • Image processing tools including HDR imaging, fusion of focal planes, stitching • Send marked-up images with one click to other imaging application, MS-PowerPoint, MS-Word, designated export folders, and more

Specifications

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

Tissue-Tek® Accu-Edge®
Grossing Tools

4804

Tissue-Tek® Accu-Edge® Grossing Tools System

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

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

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

Tissue-Tek® Accu-Edge® Grossing Boards

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

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

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

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

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

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

Product Code	Product name and quantity
4785	Tissue-Tek® Accu-Edge® Trimming Blade, Short (5 inches); 50/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

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

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

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

Advanced design enables quick, easy blade removal and replacement.

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

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

Tissue-Tek® Accu-Edge®
Grossing and trimming


4781


4782


4783


4784


4795


4796


4797


4794

Tissue-Tek® Accu-Edge®
Autopsy Knife Series

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

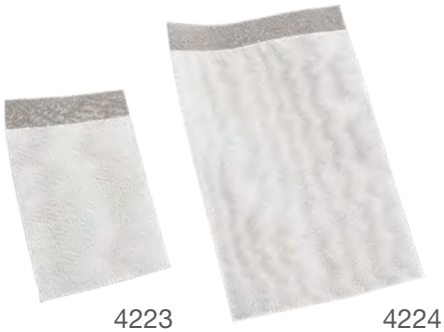
Product code	Product name and quantity
4781	Tissue-Tek® Accu-Edge® Autopsy Knife Handle
4782	Tissue-Tek® Accu-Edge® Autopsy Blade, 100 mm; 5/case
4783	Tissue-Tek® Accu-Edge® Autopsy Blade, 170 mm; 5/case
4784	Tissue-Tek® Accu-Edge® Brain Blade, 325 mm; 5/case

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



4223 4224

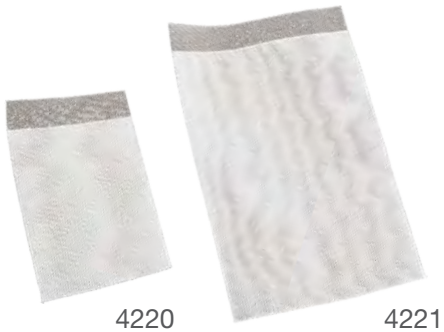
Tissue-Tek® Biopsy Bags

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

- 200 x 200 microns mesh size
- Nylon material

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

Histo-Tek®
Biopsy Bags



4220 4221

Tissue-Tek® Biopsy Bags

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

- 150 x 225 microns mesh size
- Nylon material

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

Tissue-Tek® Paraform®
Tissue Orientation Gels


7019


7020


7021


7022


7023

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
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, 9.5 L

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 shelfs 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


FILTERACCESS
SAKURA
4800

Cassettes

Tissue-Tek® Uni-Cassette® System

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

Histo-Tek® Cassette System

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

Tissue-Tek® Mega-Cassette™ System

Tissue-Tek® Uni-Cassette®
Standard Cassette System

4156-01

4118-02

Tissue-Tek® Uni-Cassette®
Standard Cassette System

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

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

Product code	Product name and quantity
4117-01	Tissue-Tek® Uni-Cassette® Orange; 500/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

Product code	Product name and quantity
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
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

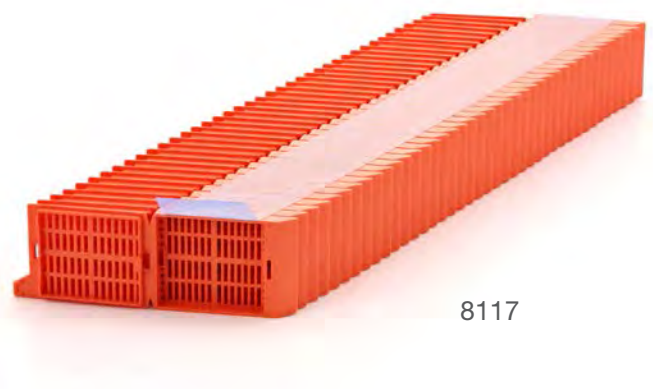
Tissue-Tek® Uni-Cassette®
Biopsy Cassette System

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® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

Product code	Product name and quantity
4045	Tissue-Tek® Uni-Cassette® Biopsy Red; 500/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


8045

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 Printer or IP C 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 Printer or IP C 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 Grey; 400/case
8174	Tissue-Tek® Uni-Cassette® Biopsy Stacked Green; 400/case

Tissue-Tek® Paraform®
Sectionable Cassette System


7019


7020


7021


7022


7023


7024

Tissue-Tek® Paraform®
Sectionable Cassette System

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

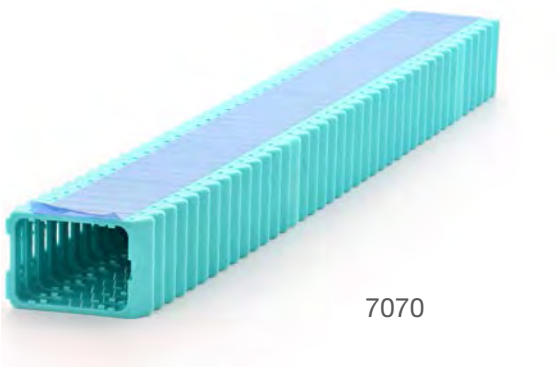
Its unique sectionability makes Tissue-Tek Paraform a significant improvement over standard cassettes. Specimen orientation is preserved from grossing through to microtomy by simply orienting the grossed specimen in 1 of 6 available cassette types: Standard, Biopsy, Orientation, Shaved Biopsy, Core Biopsy, 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 the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printer or IP C printers.

Product code	Product name and quantity
7070	Tissue-Tek® Paraform® Stacked Frames Aqua; 400/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
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

4173

4166

4173

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


Cryo, Flex

Cryotomy

Tissue-Tek® Cryo$_3$® Flex Cryostat

Tissue-Tek® Cryo$_3$® Flex Cryostat, Mohs

Tissue-Tek® O.C.T. Compound

Tissue-Tek® Cryo$_3$® Plus accessories

Tissue-Tek® Cryo$_3$® Flex
Cryostat

3D Precision Chuck

Anti-Roll Rake

Dynamic debris removal system

Tissue-Tek® Cryo$_3$® Flex Cryostat

The Tissue-Tek Cryo$_3$ Flex Cryostat is the 3rd generation of the established, reliable, and trusted Cryo$_3$ platform for fast sectioning of frozen tissue specimens. It was designed to decrease the time to get complete sections, and in parallel to preserve valuable tissue. (Optional features on Disinfection (D) and Disinfection/Motorized (DM) models).

The Tissue-Tek Cryo$_3$ 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 *i*Support, into the hardware and software of the Tissue-Tek Cryo$_3$ 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 *i*Support	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	Tissue-Tek® Cryomold®, Standard; 1,200/case
4730	Tissue-Tek® 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

Product code	Product name and quantity
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	25.8 (W) x 29.7 (D) x 47.0 (H) inches 65.4 (W) x 75.4 (D) x 119.4 (H) cm
Weight	373 lbs (169.2 kg)
Power requirements	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® Cryo$_3$® Flex
Cryostat, Mohs

Winged Chuck

Anti-Roll Rake

Anti-Roll Rake in use

Tissue-Tek® Cryo$_3$® Flex Cryostat, Mohs

The Tissue-Tek Cryo$_3$ Flex Cryostat, Mohs is the 3rd generation of the established, reliable and trusted Cryo$_3$ 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 compete control of specimen alignment on all 3 axes to accurately align the block face to the blade making the entire margin available for diagnosis.

The Tissue-Tek Cryo$_3$ 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 *i*Support, into the hardware and software of the Tissue-Tek Cryo$_3$ 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 *i*Support	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	Tissue-Tek® Cryomold®, Standard; 1,200/case
4730	Tissue-Tek® 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	25.8 (W) x 29.7 (D) x 47.0 (H) inches 65.4 (W) x 75.4 (D) x 119.4 (H) cm
Weight	320 lbs (145.1 kg)
Power requirements	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 used to quickly embed fresh tissue specimens for frozen sectioning using a cryostat. Tissue-Tek O.C.T. Compound is a formulation of clear, water-soluble glycols and resins, providing a solid matrix to encapsulate tissue specimens and bond to the Specimen Holder for consistent sectioning in a cryostat working temperature of -10°C and below.

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

Product code	Product name and quantity
4583	Tissue-Tek® O.C.T. Compound; 12/case

Features	Benefits
Water-soluble glycols and resins	• No background staining • Tissue stays on slide
High viscosity	• Holds and supports tissue for smooth sectioning • Fast freezing for a quick turnaround time (TAT)
Clear, consistent resin formulation	Provides consistent sectioning with minimum section curling

Tissue-Tek® Cryo$_3$® 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	Tissue-Tek® Cryomold® Standard 25 x 20 x 5 mm; 1,200/case
4565	Tissue-Tek® Cryomold® Biopsy 10 x 10 x 5 mm; 1,200/case
4566	Tissue-Tek® Cryomold® Intermediate 15 x 15 x 5 mm; 1,200/case
4726	Tissue-Tek® Cryo$_3$® Plus Round Object Holder; 6/case
4728	Tissue-Tek® Cryomold® Standard 23 mm; 1,200/case
4730	Tissue-Tek® 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-Tek® Xpress® x120

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® Fixative

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

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

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

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

[1]See NSH 2019 poster presentation "Conventional versus Tissue-Tek Xpress® *x120* Rapid Tissue Processing: A blind comparison study using large surgical tissue" at www.sakuraus.com or Conventional versus Tissue-Tek Xpress® *x120* Rapid Tissue Processing: A blind comparison study using large surgical tissue

Features	Benefits
Continuous loading of magazines every 20 minutes	Provides a steady flow of processed tissues for embedding
The *x* Series are pre-programmed with two rapid protocols: standard and extended	Allows for continuous, rapid processing of both biopsy and larger tissue
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
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 *x*50
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

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

Tissue-Tek Xpress® *x50*
Rapid Tissue Processor

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

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

The Tissue-Tek Xpress *x50* completes tissue processing in about 1.5 hours, with the ability to load up to 40 cassettes approximately every 45 minutes on the standard program. 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 continuous, rapid processing of both biopsy and larger tissue
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
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

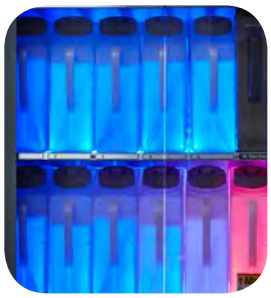
Specifications

Dimensions	34 (W) x 28 (H) x 64 (D) inches 85 (W) x 72 (H) x 162 (D) cm
Weight	617 lbs (280 kg)
Power requirements	115 VAC, 60 Hz, 12 A Single phase Dedicated line required
Throughput	Up to 50 specimens per hour
Retorts	Load station - 1 Retorts - 2
Capacity	Up to 40 cassettes, every 45 minutes
Processing programs	Standard up to 2 mm; 90 minutes Extended up to 3 mm; 180 minutes
Temperature ranges	Processing reagents: 51°C ± 1°C Paraffin: 65°C ± 2°C Display: Color touch screen LCD display
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 top-selling tissue processor series in the world is now even more advanced being the first and only tissue processor offering onboard creation of mixed solutions for advanced infiltration (AI) of fatty tissues. Automatically mixing specified reagents onboard to create mixed solutions provides advanced infiltration by enhancing dehydration and defatting without extending protocol times.

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

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

Product code	Product name and quantity
6040	Tissue-Tek VIP® 6 AI
1550	Tissue-Tek® Scraper, Large
6034	Tissue-Tek VIP® 6 Paraffin Scraper, Small
6035	Tissue-Tek VIP® 6 Reagent Bottle, Complete
6036	Tissue-Tek VIP® 6 Reagent Bottle Labels, 8 colors; 10/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	61 (W) x 68 (D) x 133 (H) cm 24 (W) x 27 (D) x 52 (H) inches
Weight	386 lbs (175 kg) without accessories and reagents
Power requirements	Single phase, VAC 115 ± 10%, 50/60 Hz, 12 A
Capacity	Up to 300 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	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®
Fixative

Tissue-Tek ClearFIX® Fixative

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

Product code	Product name and quantity
5996*	Tissue-Tek ClearFIX® Fixative, 3.8 L; 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®
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® Fixative

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

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

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

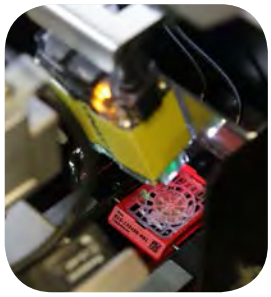
Tissue-Tek® Base Mold System

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.

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

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

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

Product code	Product name and quantity
7090	Tissue-Tek AutoTEC® *a120* Automated Embedder
7005	Tissue-Tek AutoTEC® 32-Cassette Magazine (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	48 (W) x 30 (D) x 70 (H) inches 120 (W) x 75 (D) x 175 (H) cm
Weight	1,168 lbs (530 kg)
Power requirements	200 VAC ±10%, single phase, 50/60 Hz, 20 A; 230 VAC ±10%, single phase, 50/60 Hz, 20 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

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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 and significantly reducing embedding errors.

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

Specifications

Dimensions	Embedding Module 22.6 (W) x 25.3 (D) x 14.8 (H) inches 57.5 (W) x 64.2 (D) x 37.7 (H) cm Cryo Module 13.0 (W) x 24.3 (D) x 14.8 (H) inches 33.0 (W) x 61.7 (D) x 37.7 (H) cm Combined System 35.6 (W) x 25.3 (D) x 14.8 (H) inches 90.5 (W) x 64.2 (D) x 37.7 (H) cm
Weight	Embedding Console: 55 kg (25 lb) Cryo Console: 48 kg (22 lb) Combined: 104 kg (47 lb)
Power requirements	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	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

Specifications

Dimensions	15.0 (W) x 22.0 (D) x 15.0 (H) inches 38.0 (W) x 56.0 (D) x 38.0 (H) cm
Weight	48.5 lbs (22 kg)
Power requirements	115 VAC ± 10% or less, 60 Hz, 2.0 A
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

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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.

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

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

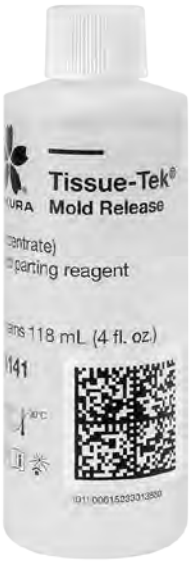
Tissue-Tek®
Base Mold System

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 22 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
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 x 28 mm; 12/case
7056	Tissue-Tek® Paraform® Biopsy/Orientation Base Mold, 30 x 19 mm; 12/case
7057	Tissue-Tek® Paraform® Biopsy Base Mold, 13 x 13 mm; 12/case

Tissue-Tek®
Mold Release



*⚠ **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® Mold Release

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

Product code	Product name and quantity
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


S19-1234567 A1

Slides and coverglass

Slides

Tissue-Tek® SmartWrite® Frosted Slides

Marking pencil

Tissue-Tek® Marking Pencil

Coverslips

Tissue-Tek® Glas™ *g2* Coverslips

Mailer

Cyto-Tek® Mailer

Tissue-Tek® SmartWrite®
Frosted Slides

Tissue-Tek® SmartWrite® Frosted Slides

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

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

Product code	Product name and quantity
9035	Tissue-Tek® SmartWrite® White Frosted Slides; 100/box; 10 boxes/case
9036	Tissue-Tek® SmartWrite® White Frosted Slides - Charged; 100/box; 10 boxes/case
9045	Tissue-Tek® SmartWrite® Blue Frosted Slides; 100/box; 10 boxes/case
9046	Tissue-Tek® SmartWrite® Blue Frosted Slides - Charged; 100/box; 10 boxes/case
9047	Tissue-Tek® SmartWrite® Green Frosted Slides; 100/box; 10 boxes/case
9048	Tissue-Tek® SmartWrite® Green Frosted Slides - Charged; 100/box; 10 boxes/case
9049	Tissue-Tek® SmartWrite® Lavender Frosted Slides; 100/box; 10 boxes/case
9050	Tissue-Tek® SmartWrite® Lavender Frosted Slides - Charged; 100/box; 10 boxes/case
9051	Tissue-Tek® SmartWrite® Pink Frosted Slides; 100/box; 10 boxes/case
9052	Tissue-Tek® SmartWrite® Pink Frosted Slides - Charged; 100/box; 10 boxes/case
9053	Tissue-Tek® SmartWrite® Yellow Frosted Slides; 100/box; 10 boxes/case
9054	Tissue-Tek® SmartWrite® Yellow Frosted Slides - Charged; 100/box; 10 boxes/case

Specifications

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

Tissue-Tek®
Marking Pencil

Tissue-Tek® Marking Pencil

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

Product code	Product name and quantity
4160	Tissue-Tek® Marking Pencil; 12/case

Tissue-Tek® Glas™ *g2*
Coverslips

6415 6416 6417

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

Tissue-Tek Glas *g2* Coverslips provide pathologists with unprecedented viewing quality. The unique manufacturing processes result in optimal clarity, and bending strength twice that of common coverslips. They are made from high-grade glass resulting in precise flatness, size and improved mounting. The special coating treatments prevent coverslips from sticking to each other for a smooth hassle-free workflow.

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

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

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

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

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

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

Standardized Sectioning

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

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

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

Product code	Product name and quantity
5010	Tissue-Tek AutoSection® Automated Microtome, High Profile
4658	Tissue-Tek® Waste Collection Bags; 250/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	16.5 (W) x 26.4 (D) x 17.4 (H) inches 42.0 (W) x 67.0 (D) x 44.0 (H) cm
Weight	121 lbs (55 kg)
Power requirements	115 VAC +/- 10%, 50/60 Hz, single phase, 7.1 A
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 ± 4°
3D Chuck/ Specimen Holder angle resolution	0.05°
Blade angle	Fixed
Alignment to the blade edge	±0.05°
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

Made in the U.S.A.

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

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

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

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

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

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

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

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

Specifications

Application	Sectioning of paraffin-embedded specimen blocks for routine and research histology
Dimensions	16.5 (W) x 20.7 (D) x 11.8 (H) inches 41.9 (W) x 52.5 (D) x 30.0 (H) cm
Weight	68.0 lbs (30.8 kg)
Power requirements for LED light	External AC/DC power supply: 100-240 VAC, 50/60 Hz, 0.5 A Instrument: 12 VDC, 0.3 A
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 or 40 microns
Retraction distance	No retraction or 20 microns (factory set)
Vertical stroke	64 mm
Horizontal stroke	26.9 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
Blade angle	0 to 10°
Blade holder base: north/ south (vertical direction) east/ west (horizontal direction)	25 mm 60 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
1300	Accu-Cut® SRM™ 300 *LT* Manual Microtome, Retracting
1300N	Accu-Cut® SRM™ 300 *LT* Manual Microtome (Non-Retracting)
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
4689	Tissue-Tek® Accu-Edge® Low Profile Blades; 500/case
4980	Tissue-Tek® Feather® A35 Durable Low Profile Blades; 500/case
7089	Tissue-Tek® Feather® Low Profile Blades; 500/case
4685	Tissue-Tek® Accu-Edge® High Profile Blades; 500/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	Accu-Cut® SRM™ 200 Non-Orientating Attachment for Clamps
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	15.8 (W) x 18.5 (D) x 11.6 (H) inches 40.0 (W) x 47.0 (D) x 29.0 (H) 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	• 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

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.

4980

7089

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

Product code	Product name and quantity
4685	Accu-Edge® High Profile Microtome Blades; 500/case
4689	Accu-Edge® Low Profile Microtome Blades; 500/case
4980	Tissue-Tek® Feather® A35 Durable Low Profile Microtome Blades; 500/case, ideal for hard tissue
7089	Tissue-Tek® Feather® Low Profile Microtome Blades; 500/case, ideal for Tissue-Tek Paraform Sectionable Cassettes

Tissue-Tek® Accu-Edge®
Blade Holders

Tissue-Tek® Accu-Edge® Blade Holders

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

Product code	Product name and quantity
4687	Tissue-Tek® Accu-Edge® Microtome Blade System*
4683	Tissue-Tek® Accu-Edge® Heavy Duty Blade System*

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

Touchscreen programming


Barcode reader


Link to coverslipper

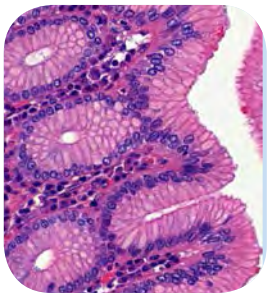
Product code	Product name and quantity
6170	Tissue-Tek Prisma® *Plus* Standard Configuration
6171	Tissue-Tek Prisma® *Plus* Special Staining Configuration

Product code	Product name and quantity
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

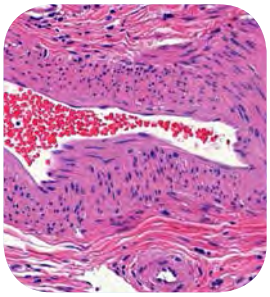
Specifications

Dimensions	49.2 (W) X 28.0 (D) X 25.0 (H) inches 125 (W) X 71 (D) X 63 (H) cm
Weight	330 lbs (150 kg)
Power requirements	115 VAC, 50/60 Hz
Throughput	Up to 530 slides per hour
Number of reservoirs	Start: 1 to 3 stations Reagent: 31 to 51 reservoirs Drying: 0 to 2 stations Wash: 0 to 4 stations (8 programmable steps) Heating (optional): 2 stations
Capacity	Reagent volume: 160, 260 and 680 mL Staining protocols: 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	2 stations
Staining	Up to 50 protocols
Security	Door and cover
Certifications	IEC 61010-1 2nd ed., CAN/CSA C22.2 61010-1, UL 61010-1
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

Tissue-Tek Prisma® H&E Stain Kit #1

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

Kit design

The kit specifically designed for the Prisma line of stainers, consists of 6 ready-to-use bottles (1 each hematoxylin and eosin, 2 each differentiator and bluing reagent) which eliminates the need to measure or dilute reagents while maintaining the highest quality stain. The kit was created to stain up to 2,500 slides or to last for 2 weeks, reducing reagent exchanges and saving time and money. The design of the 750 mL bottle fits perfectly in the standard Prisma solution reservoirs.

Validated protocol

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

Safe and ergonomic bottle

Convenience and user safety were a top priority with the patented, custom-designed bottle. The ergonomic grips and wide bottle opening reduce spill risk for fast and splash-free filling of the solution reservoir. The user-friendly color-coded labels and bottle caps match the colors of the solution configuration of the Tissue-Tek Prisma® *Plus* and help avoid filling mistakes.

Barcoded for tracking

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

Staining System

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

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

Barcode Reader

Kit is designed for all Tissue-Tek Prisma® Stainers

Product code	Product name and quantity
6190*	Tissue-Tek Prisma® H&E Stain Kit #1; 1 kit
6179	Tissue-Tek Prisma® *Plus* Barcode Reader

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

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

Specifications

Application	Hematoxylin and eosin staining
Components	The kit contains 750 mL bottles of the following: Hematoxylin, 1 bottle Eosin, 1 bottle Differentiator, 2 bottles Bluing Reagent, 2 bottles
Volume	750 mL per bottle
Stain capacity	Up to 2,500 slides, protocol dependent
Slide requirements	1 x 3 inches 25 x 75 mm
Validated stain protocol	For Tissue-Tek Prisma® Automated Slide Stainer and Tissue-Tek Prisma® Plus Automated Slide Stainer
Shelf life	Unopened: 18 months from date of manufacture Opened: 14 days
Regulatory status	IVD, FDA Class I

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

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.

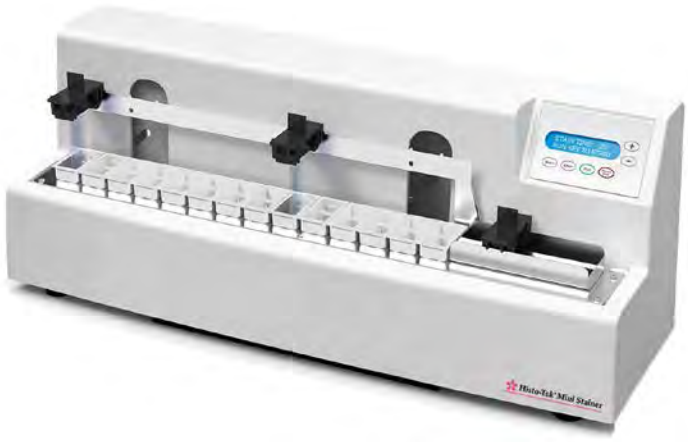
Features	Benefits
Compact footprint	Fits on any laboratory workbench
Continuous load	Increases throughput
Special stain reservoirs	Enables user to run H&E or special stains and reduces reagent volumes and costs
User-friendly display	Contrast can be adjusted to obtain clearest text based on the users'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

Product code	Product name and quantity
1900	Histo-Tek® SL Slide Stainer
1901	Histo-Tek® SL 30-Slide Basket; 4/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

Applications	H&E, Special Stains, PAP, Frozen Sections
Dimensions	33 (W) x 31 (D) x 16 (H) inches 81 (W) x 79 (D) x 41 (H) cm
Weight	55 lbs (25 kg)
Power requirements	100 to 230 VAC (+/- 10 V), 50 or 60 Hz, 1 A Power: 100 W maximum
Throughput	Up to 120 slides per hour
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
Certifications	IEC 61010-1 2nd Ed.
Regulatory status	IVD, FDA Class I

Histo-Tek® Mini Stainer
Automated Linear Slide Stainer



Histo-Tek® Mini Stainer

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

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

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

Tissue-Tek®
Manual Slide Staining Set

Product code	Product name and quantity
1920	Histo-Tek® Mini Stainer
1921	Histo-Tek® Reagent Container
1922	Histo-Tek® Slide Carrier
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

Dimensions	24.5 (W) x 8.5 (D) x 11 (H) inches 62 (W) x 22 (D) x 28 (H) cm
Unit weight without reagents, unpacked	Approximately 35 lbs (16 kg)
Power requirements	100 to 240 VAC +/- 10%, 50 to 60 Hz, 1 A
User safety	Fume hood, activated carbon filter
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)
Certifications	UL, cUL, CE IEC 61010 classification Protective class 1 Pollution degree 2 Overvoltage installation category II
Regulatory status	IVD, FDA Class I

Tissue-Tek® Manual Slide Staining Set

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

Product code	Product name and quantity
4451	Tissue-Tek® Manual Slide Staining Set
4456	Staining Dish, Green with Lid; 6/case
4457	Staining Dish, White with Lid; 6/case
4465	24-Slide Holder with Handle; 6/case


Tissue-Tek® Film

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 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.

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

Film coverslipped slides have been shown to have less artifacts after 10 years of storage compared to glass coverslipped slides![1]

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*	Creates an integrated, fully automated walk-away staining-coverslipping process from slide baking to slide drying
Large 240 slide unload station	Optimizes workflow efficiency
Coverslip length can be changed on the fly	Options of 45, 50, 55, or 60 mm provide flexibility for any application
Audible alerts	Help notify staff when slides are ready
Charcoal filters and venting	Improves lab staff safety

Product code	Product name and quantity
4740	Tissue-Tek Film® Coverslipper
4743	Tissue-Tek Film® Coverslipper with Barcode Reader
6508	Tissue-Tek® Barcode Reader System for Coverslippers
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

[1]See NSH 2019 poster presentation "After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides" at www.sakuraus.com or After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides

Specifications

Application	Histology, Cytology, Special Staining, Advanced Staining
Special applications	Validated for use on the Hologic Thin® Prep® Stain Plus Imaging System
Dimensions	28.3 (W) x 23.2 (D) x 27.1 (H) inches 72 (W) x 59 (D) x 69 (H) cm
Weight	165 lbs (75 kg), without reagents
Power requirements	Single phase, 115 VAC ± 10%, 50/60 Hz, 1.3 A
Throughput	Up to 1,080 slides/hr
Configuration	Benchtop
Load capacity	3 baskets into load stations
Unload capacity	12 baskets, 240 slides
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 LEDs
LIS connectivity	Optional barcode reader
Certifications	IEC 61010-1 2nd ed., CAN/CSA C22.2 No. 61010-1, UL 61010-1
Regulatory status	IVD, FDA Class I

*⚠ **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

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

Fast and robust glass coverslipping

Elevate traditional glass coverslipping with 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. Make on-the-fly changes without interruption of the coverslipping process.

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

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

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

Product code	Product name and quantity
6500	Tissue-Tek® Glas™ *g2* Glass Coverslipper
6503	Tissue-Tek® Glas™ *g2* Glass Coverslipper with Barcode System
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

*⚠ **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

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

Specifications

Application	Histology, cytology, special staining, and advanced staining
Dimensions	29.5 (W) x 24.4 (D) x 29.5 (H) inches 75 (W) x 62 (D) x 75 (H) cm
Weight	Approximately 242 lbs (110 kg)
Power requirements	Single phase, 115 VAC ± 10%, 50/60 Hz, 2.2 A
Throughput	up to 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, or 60 mm
Dimensions of coverglass	24 x 40 mm, 24 x 50 mm, 24 x 55 mm, 24 x 60 mm
User interface display	LCD, 4 lines (20 characters each), 2 LEDs
LIS connectivity	Optional barcode reader (6508)
Operating temperature	10 to 40°C (50 to 104°F)
Regulatory status	IVD, FDA Class I

Tissue-Tek®
Coverslipping Film

Tissue-Tek® Coverslipping Film

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

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

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

Film coverslipped slides have been shown to have less artifacts after 10 years of storage compared to glass coverslipped slide.[2]

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

[1]See NSH 2019 poster presentation “No difference in scan speed and stain quality comparing Film vs. glass coverslipped slides” at www.sakuraus.com or No difference in scan speed and stain quality comparing Film vs. glass coverslipped slides

[2]See NSH 2019 poster presentation “After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides” at www.sakuraus.com or After 10 years of storage, significantly fewer artifacts are seen in Film-coverslipped slides versus glass coverslipped slides

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

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

Specifications

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

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

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

Tissue-Tek Glas *g2* Coverslips provide pathologists with unprecedented viewing quality. The unique manufacturing processes result in optimal clarity, and bending strength twice that of common coverslips. They are made from high-grade glass resulting in precise flatness, size and improved mounting. The special coating treatments prevent coverslips from sticking to each other for a smooth hassle-free workflow.

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

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

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


Tissue-Tek Genie®

Advanced staining

Tissue-Tek Genie®
Advanced Staining System

Tissue-Tek Genie® Capsules
Tissue-Tek Genie® Cartridges
Tissue-Tek Genie® *Pro* Detection Kit
Tissue-Tek Genie® DUO 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 optimal by several experts in pathology
- A fast and predictable turnaround time (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 Ready-To-Use (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.

Features	Benefits
30 Completely independent and scheduler-free slide stations for IHC/ISH	Predictable TAT with true random access for same-day diagnosis
Unique Advanced Gap Technology	• Whole slide coverage • Fast fill and drain of the Slide Staining Chamber
Exclusive, prefilled, RTU Capsules for single test with true random access	Can perform a test, any time (whenever a station is idle), anywhere (idle station), and any antibody (no need to manage reagents on-board)
Single slide loading and unloading	LEAN, batch-free staining
Whole slide coverage	• Ability to place controls and patient's sections anywhere on a slide • Eliminate "rail" artifacts • Eliminate the need for tiles, coverlids, or oily reagents to limit evaporation • Eliminate the need to clean tiles, coverlids, or oily reagents on slides
Sakura Finetek developed and manufactured detection system, antibodies, probes and reagents	• Consistent reagent quality and performance • A single sensitive and specific detection system for mouse and rabbit antibodies
Enhanced waste management	• Separation of hazardous from non-hazardous waste • Low total volume waste generation

Product code	Product name and quantity
8201	Tissue-Tek Genie® Advanced Staining System

Specifications

Applications	Automated IHC and ISH, dewaxing, antigen retrieval, rehydration, digestion, denaturation, hybridization, stringent wash, staining, counterstaining
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)
Power requirements	115 VAC ± 10%, 50/60 Hz, single phase, 20 A
Turnaround 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
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 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 (RTU) 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 staining station of any Tissue-Tek Genie, to gain continuous workflow with short and predictable TAT.

Tissue-Tek Genie®
Cartridges

Tissue-Tek Genie® Cartridges

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

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

Tissue-Tek Genie® *Pro*
Detection Kits

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

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

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

The complex is then visualized with the addition of DAB 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	Counter-stain
0 or 6 min	0-90 min	0 or 9 min	12-30 min	0 or 30 min	15 min	10-30 min	6 min	0 or 3 min	0 to 3 min

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

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

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

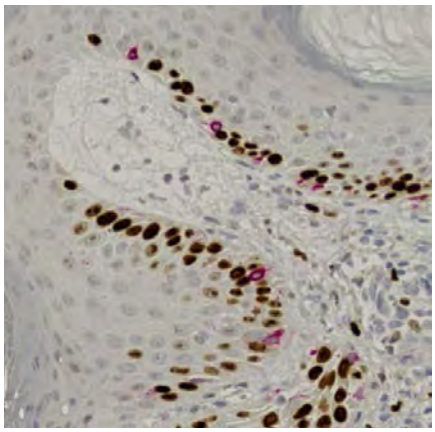
Tissue-Tek Genie® DUO
Detection Kit

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

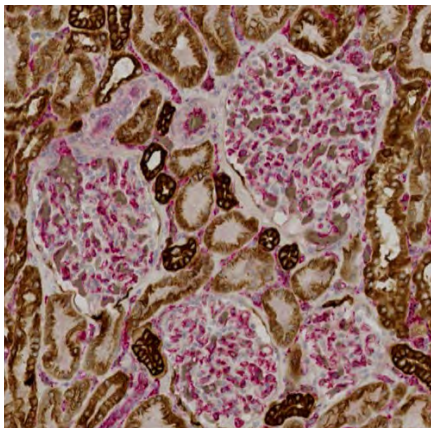
The Tissue-Tek Genie® DUO Mouse-DAB/Rabbit-AP Red Dual Detection Kit uses a non-biotin-based system to detect and to visualize mouse and rabbit primary antibodies bound to antigens in FFPE specimen sections.

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

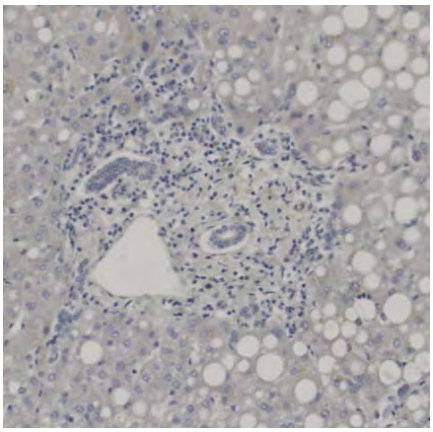
Dewax	Antigen Retrieval	Protein Block	Primary Antibody	Link Mouse	Link Rabbit	HRP and AP Conjugates	DAB	AP Red	Counter-stain
6 min	45 min	9 min	30 min	6-21 min	6-21 min	20 min	3-9 min	3-9 min	0-3 min



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



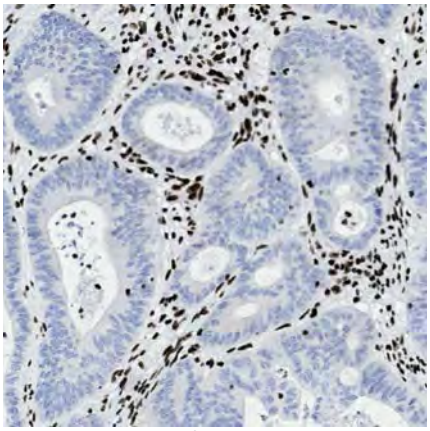
Tissue-Tek Genie® DUO anti-Pan Cytokeratin [AE1/AE3/DC10] / CD31[RM247] Antibody Cocktail
The combination of these two markers on a single slide is particularly helpful for identifying small foci of carcinoma within lymphatics.



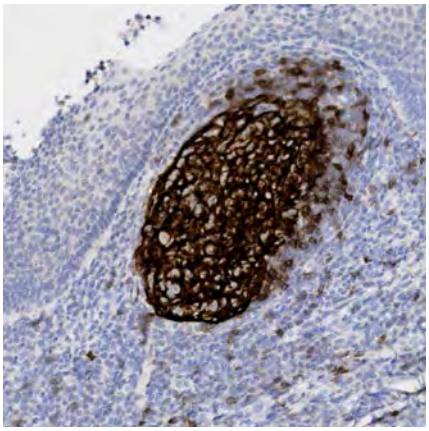
Tissue-Tek Genie® DUO Non-immune Mouse and Rabbit Ig Antibody Cocktail

Tissue-Tek Genie®
Antibodies

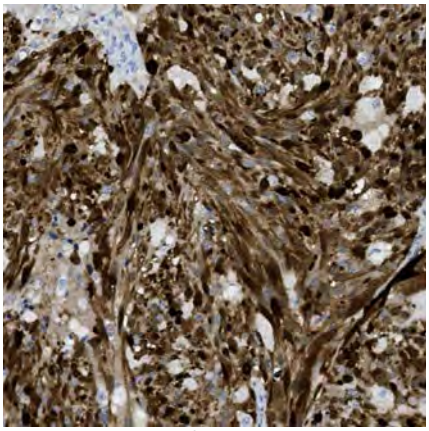
Please visit the Tissue-Tek Genie Stain Gallery at: https://ihc-ish.tissuetek.cloud to experience the high quality stains of already more than 120 antibodies.



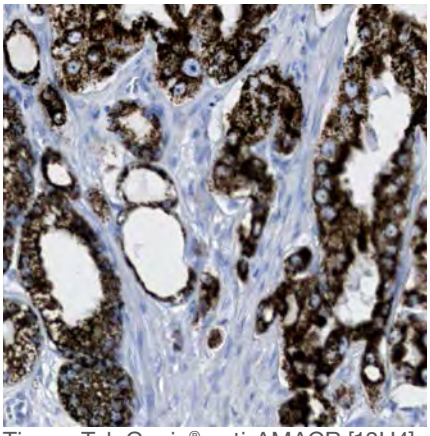
Tissue-Tek Genie® anti-MSH2 [RED2]
Negative staining of colon adenocarcinoma with loss of MSH2 expression.



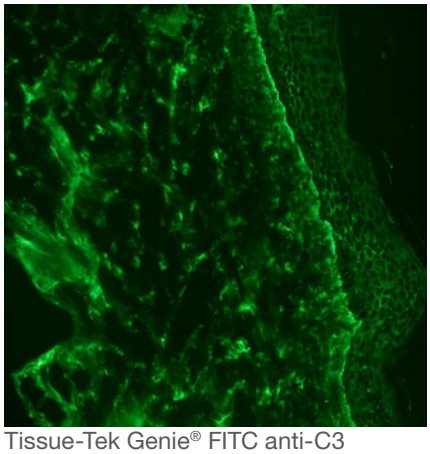
Tissue-Tek Genie® anti-CD23 [GR013]
Moderate staining of activated B-cells in the mantle zone and follicular dendritic cells of germinal centers in tonsils.



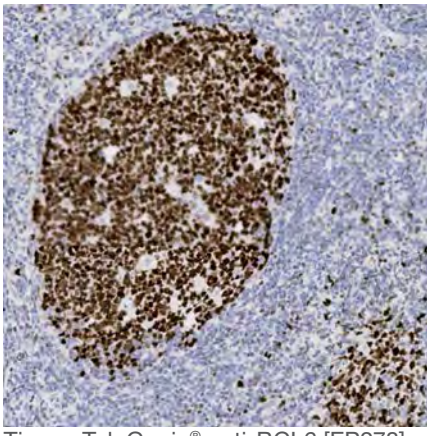
Tissue-Tek Genie® anti-S100B [EP32]
Strong staining in malignant melanoma.



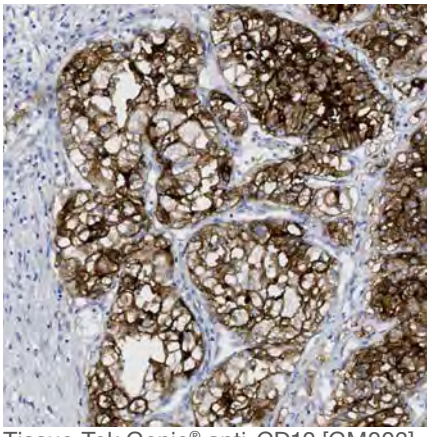
Tissue-Tek Genie® anti-AMACR [13H4]
Strong staining in T-cell lymphoma.



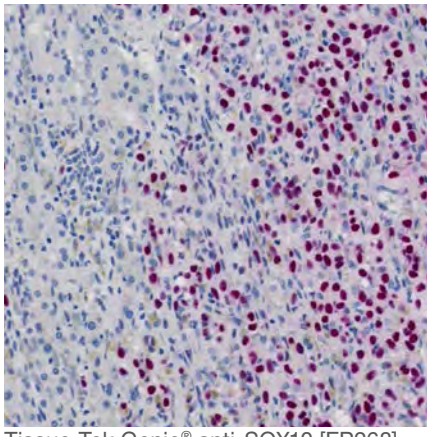
Tissue-Tek Genie® FITC anti-C3
Linear deposition of C3 at junction in skin with bullous pemphigoid.



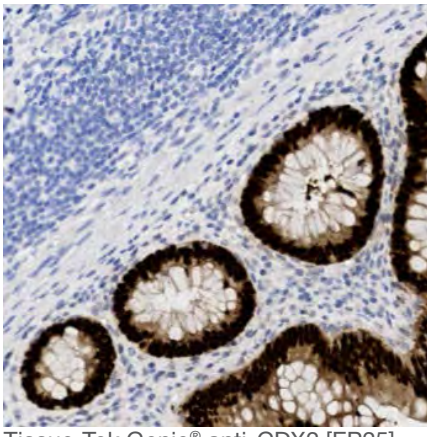
Tissue-Tek Genie® anti-BCL6 [EP278]
Negative staining of non-germinal center B-cells with moderate to strong staining in the germinal center B-cells in tonsil.



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

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

Cytology preparation

Cytocentrifuge

Cyto-Tek® 2500 Cytocentrifuge

Fluid Chamber Kit

Cyto-Tek® 2500 Fluid Chamber Kits

Mailer

Cyto-Tek® Mailer

Cyto-Tek® 2500
Cytocentrifuge

Cyto-Tek® 2500 Cytocentrifuge

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

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

Product code	Product name and quantity
4300	Cyto-Tek® 2500 Cytocentrifuge
4301	Cyto-Tek® 2500 1 mL Fluid Chamber Kit; 1 kit with 50 sets (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/box
4335	Cyto-Tek® 1 mL Chamber Cap; 200/case
4336	Cyto-Tek® 1 mL Specimen Chamber Holder; 200/case

Specifications

Application	Non-GYN, cytology
Dimensions	14.8 (W) x 19.3 (D) x 8.9 (H) inches 37.6 (W) x 49.0 (D) x 22.6 (H) cm
Weight	22 lbs (10 kg)
Power requirements	100 to 240 VAC, 50/60 Hz
Process capacity	Up to 12 cytology chambers per process
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 Kit

Chamber Kit, Chamber, Holder, and Paper Filter

Cyto-Tek® 2500 1 mL Fluid Chamber Kit

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

Product code	Product name and quantity
4301	Cyto-Tek® 2500 1 mL Fluid Chamber Kit; 1 kit with 50 sets (disposable)

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


Tissue-Tek SmartWrite

Printing

Cassette printers

Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader

Tissue-Tek® SmartWrite® Cassette Printer (Manual)

Slide printer

Tissue-Tek® SmartWrite® Slide Printer

Slides

Tissue-Tek® SmartWrite® Frosted Slides

Printer software

Tissue-Tek® SmartWrite® Printer Software

Cassettes

Tissue-Tek® Paraform® Stacked Frames

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

Tissue-Tek® Uni-Cassette® Biopsy Cassette System

Tissue-Tek® Uni-Cassette® Standard Cassette System

Histo-Tek® Standard and Biopsy Cassettes

Tissue-Tek® SmartWrite®
Cassette Printer with AutoLoader

Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader

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

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

The Tissue-Tek SmartWrite Cassette Printers have been optimized and validated for black or color printing on Tissue-Tek® Uni-Cassette®, 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 first-pass read
Robotic feed mechanism	Jam-free cassette printing
Color and black printing options	Can combine color cassettes and color printing on white cassettes for effective inventory management
Thermal transfer printing	Print is permanent and resistant to chemical degradation
4,300 black prints at 8 cassettes per minute	Lowest price for throughput
5 extra cassette hoppers provided	Pre-load hoppers for efficient workflow
Clear cassette magazine	Easy identification of cassette colors
Small footprint	Printer can be located adjacent to the grossing station
Tissue-Tek Smartwrite Sofware and drivers	Single solution for customized template design, printer management and LIS integration

Specifications

Dimensions	19.3 (W) x 12.0 (D) x 25.9 (H) inches 49 (W) x 35.5 (D) x 25.9 (H) cm
Weight	74 lbs (33.6 kg)
Power requirements	110 to 240 VAC, 50/60 Hz, 60 W
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	4 hopper stations
Print cartridge and print quality	Black ribbon cartridge: 4,300 cassettes Color ribbon cartridge: CMYK 1,000 cassettes
Print drivers	Microsoft® Windows® 10/8/7/ Windows Vista®/XP
Data interface	USB 2.0

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

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

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

Specifications

Dimensions	9.6 (W) x 8.8 (D) x 12.4 (H) inches 24.4 (W) x 22.4 (D) x 31.4 (H) cm
Weight	20.0 lbs (9.1 kg)
Power requirements	100 to 240 VAC, 50/60 Hz, 60 W
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® 10/8/7/ 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®
Slide Printer

Tissue-Tek® SmartWrite® Slide Printer

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

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

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

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

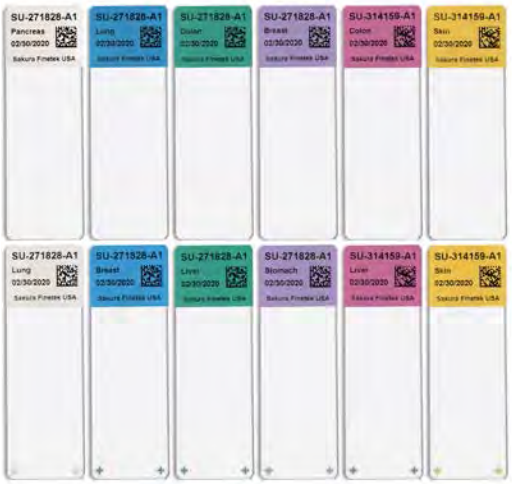
Product code	Product name and quantity
9021	Tissue-Tek® SmartWrite® Slide Printer
9024	Tissue-Tek® SmartWrite® 2D Barcode Scanner and Stand
9025	Tissue-Tek® SmartWrite® Software
9026	Tissue-Tek® SmartWrite® Control PC with Touchscreen
9027	Tissue-Tek® SmartWrite® Slide Holder, Blue
9030*	Tissue-Tek®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

Specifications

Dimensions	7.1 (W) x 12.6 (D) x 8.6 (H) inches 18.0 (W) x 31.95 (D) x 21.8 (H) cm
Weight	16.8 lbs (7.62 kg)
Power requirements	100 to 240 VAC, 50/60 Hz, 60 W
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® 10/8/7, 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®
Frosted Slides



Tissue-Tek® SmartWrite® Frosted Slides

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

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

Product code	Product name and quantity
9035	Tissue-Tek® SmartWrite® White Frosted Slides; 100/box; 10 boxes/case
9036	Tissue-Tek® SmartWrite® White Frosted Slides - Charged; 100/box; 10 boxes/case
9045	Tissue-Tek® SmartWrite® Blue Frosted Slides; 100/box; 10 boxes/case
9046	Tissue-Tek® SmartWrite® Blue Frosted Slides - Charged; 100/box; 10 boxes/case
9047	Tissue-Tek® SmartWrite® Green Frosted Slides; 100/box; 10 boxes/case
9048	Tissue-Tek® SmartWrite® Green Frosted Slides - Charged; 100/box; 10 boxes/case
9049	Tissue-Tek® SmartWrite® Lavender Frosted Slides; 100/box; 10 boxes/case
9050	Tissue-Tek® SmartWrite® Lavender Frosted Slides - Charged; 100/box; 10 boxes/case
9051	Tissue-Tek® SmartWrite® Pink Frosted Slides; 100/box; 10 boxes/case
9052	Tissue-Tek® SmartWrite® Pink Frosted Slides - Charged; 100/box; 10 boxes/case
9053	Tissue-Tek® SmartWrite® Yellow Frosted Slides; 100/box; 10 boxes/case
9054	Tissue-Tek® SmartWrite® Yellow Frosted Slides - Charged; 100/box; 10 boxes/case

Specifications

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

Tissue-Tek® SmartWrite®
Printer Software

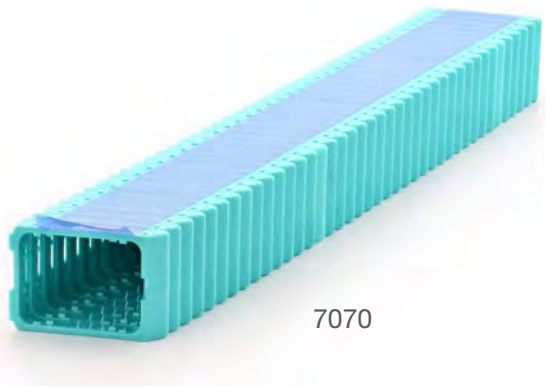
Tissue-Tek® SmartWrite® Printer Software

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

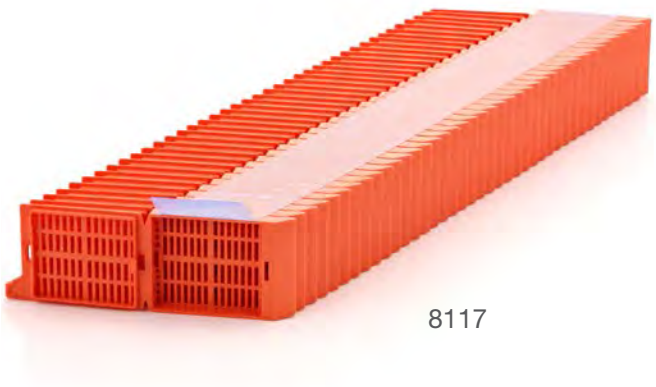
Features	Benefits
Compatible with LIS integration	Allows lab staff to gather patient and specimen data directly from the LIS to use in cassette and slide printing operations
Template construction ability	Enables lab to design templates that define the information required including fixed and variable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

Product code	Product name and quantity
9025	Tissue-Tek® SmartWrite® Software; 1 license

Tissue-Tek®
Stacked Frames and Cassettes



7070



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 Printer or IP C 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

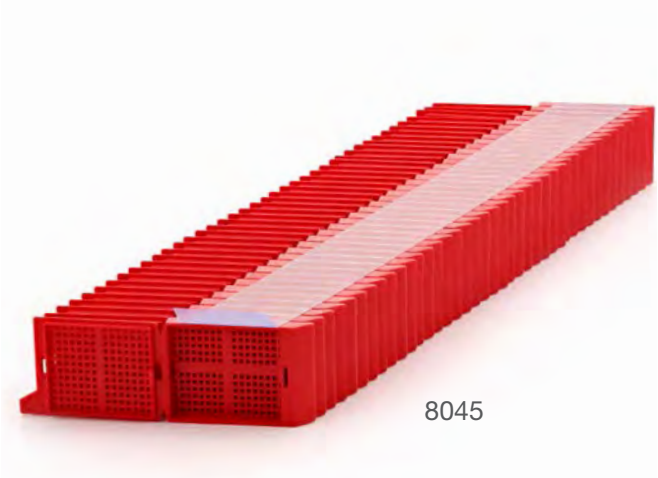
Tissue-Tek® Uni-Cassette® Standard Stacked Cassettes

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 Printer or IP C 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 Cassette System



8045

4087

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 or IP C 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

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

- Biopsy cassettes have 1 mm pores, which eliminates wrapping small specimens
- Tissue-Tek Uni-Cassettes come in two sizes of writing surfaces and can be printed on with the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printers or IP C 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 print on with the Tissue-Tek® SmartWrite® and Tissue-Tek® AutoWrite® Cassette Printers or IP C printers.
- Tissue-Tek SmartWrite prints only on Tissue-Tek Uni-Cassette Standard Cassettes not the Large Writing Surface Cassettes

Product code	Product name and quantity
4117-01	Tissue-Tek® Uni-Cassette® Orange; 500/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
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


NEC

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 • 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	15.9 (W) x 20.5 (D) x 17.9 (H) inches 40.5 (W) x 52 (D) x 45.5 (H) cm
Weight	77.2 lbs (35 kg)
Power requirements	85-264 VAC, 47-63 Hz, single-phase, power cord connector: IEC/EN 60320-1/C14 **NOTE:** Universal power supply
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
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 • 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	15.9 (W) x 20.5 (D) x 17.9 (H) inches 40.5 (W) x 52 (D) x 45.5 (H) cm
Weight	77.2 lbs (35 kg)
Power requirements	85-264 VAC, 47-63 Hz, single-phase, power cord connector: IEC/EN 60320-1/C14; **NOTE:** Universal power supply
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
Regulatory status	IVD, FDA Class I


Human Tissue
Xpress processed
Human Tissue
Xpress processed
Human Tissue
Xpress processed

Storage systems

Slide and Block Storage Cabinet

Tissue-Tek® Lab Aid® Ultra™ II Cabinet

Slide Filing Cabinet System

Tissue-Tek® Lab Aid® Slide Filing Cabinet System

Block Filing Cabinet

Tissue-Tek® Cassette Cabinet

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	43.3 (W) x 23.4 (D) x 28.1 (H) inches 110 (W) x 59.5 (D) x 71.3 (H) cm
Weight empty cabinet	271 lbs (123 kg)
Weight 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	1.3 (W) x 4.7 (D) x 15.4 (H) inches 3.2 (W) x 12.0 (D) x 39.0 (H) cm
Tray dimensions with lid	1.8 (W) x 4.8 (D) x 15.4 (H) inches 4.5 (W) x 12.2 (D) x 39.2 (H) 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	Benefits
Separate drawer sections a floor base and top panel can be purchased as individual items	Enables stacking of drawers to build a filing cabinet system based on customer needs
Two different filing drawer sections (25 mm and 50 mm)	Enables filing system for 26 x 76 mm slides, 50 x 50 mm transparencies or 76 x 50 mm slides and the drawers can be stacked in any combination
Slide backstops easily attach to the inside of the drawers	Holds the slides in place when drawer is not full
Slide liner (spring)	Holds slides upright during drying process
Welded steel construction	Enables safe stacking and is durable

Product code	Product name and quantity
4010	Tissue-Tek® Lab Aid® Floor Base, Green
4011	Tissue-Tek® Lab Aid® Floor Base, Beige
4012	Tissue-Tek® Lab Aid® Top Panel, Green
4013	Tissue-Tek® Lab Aid® Top Panel, Beige
4014	Tissue-Tek® Lab Aid® Drawer Section 14 x 25 x 76 mm, Green; 6,500 slides
4015	Tissue-Tek® Lab Aid® Drawer Section 14 x 25 x 76 mm, Beige; 6,500 slides
4016	Tissue-Tek® Lab Aid® Drawer Section 7 x 76 x 50 mm, Green; 1,897 slides
4017	Tissue-Tek® Lab Aid® Drawer Section 7 x 76 x 50 mm, Beige; 1,897 slides
4018	Tissue-Tek® Lab Aid® 25 mm Backstop, Green
4019	Tissue-Tek® Lab Aid® 25 mm Backstop, Beige
4020	Tissue-Tek® Lab Aid® Slide Liner
4025	Tissue-Tek® Lab Aid® 25 mm Drawer Vertical Filing, Beige; 465 slides
4027	Tissue-Tek® Lab Aid® 25 mm Drawer Vertical Filing, Green; 465 slides

Specifications

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

Tissue-Tek®
Cassette Cabinet

Tissue-Tek® Cassette Cabinet

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

Includes 6 impact-resistant plastic drawers with identification area.

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

Product code	Product name and quantity
4192	Tissue-Tek® Cassette Cabinet

Specifications

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

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