
Tissue-Tek® Cryo₃® Flex

Microtome/Cryostat

Imagine... smooth frozen sections with optimal disinfection



continuous innovation for pathology



EFFORTLESSLY OBTAIN FROZEN SECTIONS FASTER WITH THE NEW CRYO₃[®] FLEX

The Tissue-Tek[®] Cryo₃[®] Flex is the 3rd generation of the trusted Cryo₃ platform for fast sectioning of frozen tissue specimens. This cryostat is equipped with new, innovative features designed to get complete sections faster and to preserve valuable tissue.

All required configurations

The Tissue-Tek Cryo₃ Flex is available in three configurations, to meet every laboratory's needs and budget demands. The range starts with the Basic, the cryostat with manual microtome. The second model is equipped with automated disinfection and the third model offers a combination of automated sectioning and a motorised microtome. No matter which model you choose, you will benefit from time-tested methods, operator simplicity, minimal maintenance and of course renowned Sakura Tissue-Tek reliability.



Precise adjustment of face angle.

Faster sectioning

Of the new features, the most important is the fine angle adjustment of the 3D Precision Chuck on all 3 axes. It uniquely ensures accurate alignment of the block face to the blade, reduces users' trimming time and preserves patients' specimens. Furthermore, the sturdy chuck retains its position when locked and unlocked, eliminating any time and effort spent realigning the cutting angle.

Innovative ozone disinfection

Protect yourself from pathogens with an unprecedented disinfection. The Tissue-Tek Cryo₃ Flex D and DM-models are equipped with two ozone generating lamps, which significantly shorten the short disinfection cycle to 45 minutes only. Ozone engulfs the entire chamber, not only light exposed areas.

Precise and reliable performance

The maintenance-free microtome is located outside the chamber. This provides space for 12 Cryobar® specimen positions, including 4 Cryo+® positions that enable rapid cooling up to -50°C.

Menu-driven, user-friendly controls are available via the colour touch screen. It provides a clear view on settings like chamber temperature, specimen and trim thickness and speed.

Adjustments can be made in an improved and more intuitive manner. Equipped with the new anti-roll rake and anti-roll plate, specimen transfer to the slide is further simplified, increasing ease of use, especially for the less experienced.



New Anti-Roll Rake.

Dynamic debris removal system

This vacuum system offers practical and easy removal of excess debris and O.C.T.™ Compound shavings. Unwanted sections can be swept into the vacuum head during sectioning, keeping the chamber clean. The attachment hose vacuums away debris

inside the chamber. Eventually debris is collected in a bacterial/viral filter located under the multipurpose utility tray.

By offering a total solution for cryotomy, Sakura Finetek makes your laboratories ready to deliver standardised, superior quality results.

Sakura Finetek is the innovative company in histopathology, continuously looking for possibilities to improve laboratories and succeeds to meet present and future standards in the histopathology laboratories around the world.

Sakura Finetek Cryo program

Enhance the cryotomy process with the new Cryo₃ Flex combined with accessories and consumables, providing a total solution to quickly create a diagnosable slide of the highest quality.

With our complete line of accessories you are able to fine tune the Tissue-Tek Cryo₃ Flex to perfectly suit your needs.

Consumables and related products

Tissue-Tek® O.C.T.™ Compound cryo embedding medium provides the most convenient specimen matrix for cryostat sectioning at -5°C and below. Accu-Edge® Low-Profile Cryo section blades are recommended for optimal section results. These are made of carbon steel, resistant to high humidity circumstances.

Besides this, you can choose our slides and cryo-molds to help you obtain consistent sections in the most reliable way.



PRODUCT RANGE

Item code	Description	Item code	Related products
6203	Cryo ₃ ® Flex Cryostat, Basic	4583	Tissue-Tek® O.C.T. Compound; 12/cs
6204	Cryo ₃ ® Flex Cryostat, Disinfection	4810	Low Profile Cryo Sectioning Blades
6205	Cryo ₃ ® Flex Cryostat, D. Motorized	9597	AutoWrite® Adhesive Slides
		4728	Round Cryomold® Standard ø 23 mm
		4730	Round Cryomold® Biopsy ø 15 mm
		4557	Cryomold® Standard; 25 x 20x 5 mm
		4565	Cryomold® Biopsy; 15 mm
		4566	Cryomold® Biopsy; 15 mm
		4451	Manual Slide Staining set
		9002	VisionTek® Digital Microscope
Item code	Key accessories		
6211	Anti-Roll Rake Assembly		
6210	Anti-Roll Plate Assembly		
5807 - 5809	Specimen Holders, Small, Medium, Large		
5819	Cryobar® Insert, 4-Cavity		
5820	Cryobar® Insert, 4-Post		
6213 + 6214	Utility Trays		

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