

**Tissue-Tek® Cryo3® Flex**  
Cryostat, Mohs

**A cryostat designed for  
Mohs by Mohs techs**



continuous innovation for pathology





# Cut complete Mohs sections faster and easier

When cutting frozen sections time is of the essence. The Tissue-Tek® Cryo3® Flex Cryostat, Mohs is the first and only cryostat with a winged chuck to retain XYZ angle positions when locked/unlocked. Wings provide users complete control of specimen alignment, ensuring the entire margin is available for diagnosis.



## Winged Chuck

- Quick and precise fine angle adjustments on all 3 axes ( $\pm 8^\circ$ )
- Chuck retains its position when locked or unlocked
- Chuck wings provide complete control of every movement
- Precise angle adjustments preserve tissue by reducing trimming

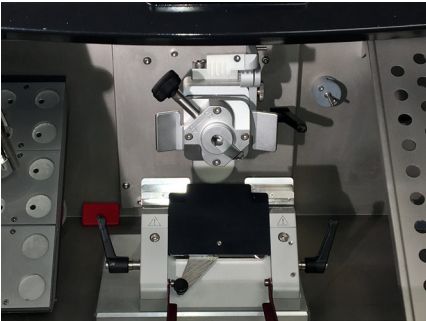


## Anti-Roll Rake

- Mimics the “Brush Technique”
- Teeth prevent sections from rolling during sectioning
- Simple and easy-to-use
- Reduces the learning curve for new users making them proficient faster

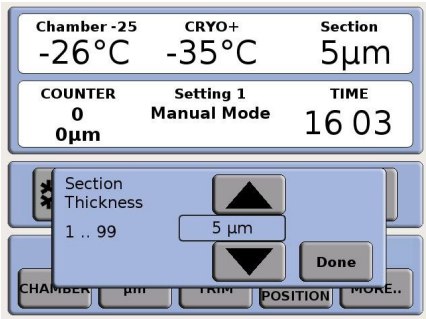


The Tissue-Tek Cryo<sub>3</sub> Flex Cryostats are the first and only to offer Tissue-Tek® iSupport™, Sakura Finetek’s advanced, on-line remote diagnostics technology for faster instrument support that ensures maximum uptime.



Precise and predictable performance

- 1 inch horizontal travel distance
- Motorized retract and advance
- Maintenance-free microtome located outside the chamber
- Temperature-controlled blade holder keeps the blade cold during sectioning - aids in sectioning
- 12 Cryobar® positions, including 4 Cryo+™ positions that enable rapid cooling to -50°C
- Universal blade holder accepts high or low profile blades



Easily programmable

- LCD touchscreen
- Chamber temperature: -35 to 0°C ±2°C
- Section thickness: 1 to 99 microns, in 1 micron steps
- Trim thickness: 1 to 100 microns, in 1 micron steps
- Retract/advance speed: 0.5 mm/sec or 0.8 mm/sec







# Specifications

Product name	Tissue-Tek® Cryo3® Flex Cryostat, Mohs
Product code	6209
Power required	115/120 VAC, 50/60 Hz, 11 A
Interface	USB and LAN
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 with Handle Extended: 28.7 (W) x 29.7 (D) x 47.0 (H) inches 73.0 (W) x 75.4 (D) x 119.4 (H) cm
Maximum weight	320 lbs (145.1 kg)
Operating conditions	15 to 28°C (59.0 to 82.4°F) maintains a temperature of -35°C 29 to 35°C (84.2 to 95.0°F) maintains a temperature of -32°C
Chamber temperature range	-35 to 0°C; Chamber temperature is maintained within ±2°C
Specimen holder sizes	Round 26 mm, 36 mm, or 55 mm (all including an alignment mark on the shaft)
Max. specimen thickness	25 mm
Specimen orientation	±8° (XY axis), 360° (Z axis)
Travel range	Vertical — 63.0 mm (2.5 inches) Horizontal — 25.4 mm (1.0 inch)
Sectioning range	1 to 99 microns in 1 micron steps
Retract/advance speed	0.5 mm/sec or 0.8 mm/sec
Trimming range	1 to 100 microns in 1 micron steps
Diagnostic functions	Internal self-diagnostics with log of error messages and codes Remote monitoring with Tissue-Tek® iSupport™
Certifications	IEC 61010-1:2010 Ed:3, IEC 61010-2-010 Ed:3, IEC 61010-2-101 Ed:2, UL 61010-1 Ed:3, CAN/CSA C22.2 61010-1:2012 Ed:3 EMC: CENELEC IEC/EN 61326-1, EMC: CANELEC IEC/EN 61326-2-6
Regulatory status	IVD, FDA Class I

# Accessories

Product code	Product name and quantity
5807	Tissue-Tek® Cryo3® Specimen Holder, Small 26 mm; 6/case
5808	Tissue-Tek® Cryo3® Specimen Holder, Medium 36 mm; 6/case
5811	Tissue-Tek® Cryo3® Heat Extractor, Standard; 1 unit
5819	Tissue-Tek® Cryo3® Cryobar® Insert, 4-Cavity; 1 unit
5820	Tissue-Tek® Cryo3® Cryobar® Insert, 4-Post; 1 unit
6033	Uninterrupted Power Supply (UPS), 30 minutes; 1 unit
6210	Tissue-Tek® Cryo3® Flex Anti-Roll Plate; 1 unit
6211	Tissue-Tek® Cryo3® Flex Anti-Roll Rake; 1 unit
6212	Tissue-Tek® Cryo3® Flex Drain Cover; 1 unit
6213	Tissue-Tek® Cryo3® Flex Utility Tray; 1 unit

# Consumables

Product code	Product name and quantity
4583	Tissue-Tek® O.C.T. Compound; 12/case
4728	Cryomold®, Standard; 1,200/case
4730	Cryomold®, Biopsy; 1,200/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 Blades; 500/case

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## A long tradition of excellence

**Known for best-in-class automation and reliability Sakura Finetek remains a privately-held company in business for over 160 years. Sakura Finetek has achieved its success and solidified its reputation by providing timely, ingenious solutions to the real challenges laboratories face on a day-to-day basis.**

Our rich history has given us a thorough understanding of technology, quality, reliability, value for money and our customers' requirements. We use this knowledge to passionately develop products that anticipate developments in both technology and market needs.

Sakura Finetek USA, Inc. (SFA) is based in Torrance, California. Functions covered at this facility include sales and marketing, service and technical support, R&D, and manufacturing.

SFA is an ISO 13485 certified manufacturer and supplier. As one of the two global manufacturing and R&D sites, SFA develops instruments and reagents into system solutions and secures our innovation with a steady stream of patents.

In addition to supporting the U.S. marketplace, SFA is also responsible

for Canada, Mexico, Central and South America and serves these markets with a network of local distributors.

With the worldwide headquarters in Japan and regional offices in Japan, The Netherlands and the U.S.A., the global strategy of worldwide representation has been fulfilled to guarantee our customers the best service and support.

Our organization is developing, professionalizing and growing continuously, and thus maintaining its position as a trustworthy and valuable partner in histopathology.

Please visit our website [www.sakuraus.com](http://www.sakuraus.com)

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