
Tissue-Tek® TEC™ 6
Embedding Console System

**The most trusted name in
reliable, comfortable and
easy-to-use embedding**



continuous innovation for pathology



The embedding system you trust with all of the enhancements you need

The Tissue-Tek® TEC™ Series has been the Histology laboratory's preferred choice in embedding for decades. 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.





Full embedding control at your fingertips

- Color touchscreen with easy-to-navigate onscreen controls allows easy setup and operation
- Graphical user interface enables users to set and display temperatures in all heated and cooled areas with just a touch
- Multiple levels of brightness for the LED work light can be adjusted directly from the main screen for improved specimen visibility
- Automatic ready and shutdown times for both the Embedding and Cryo Modules are user-programmable by day of the week and even across overnight shifts



Safe and reliable embedding with ease

- Anti-glare, coated work surfaces reduce eye strain and provide better visual identification of tissues
- Adjustable LED lighting improves specimen visibility while eliminating workplace clutter from external lighting or lamps
- The software-driven Clean Mode provides an easy method for cleaning the forceps wells, reducing opportunities for cross contamination of tissue blocks
- The optional Tissue-Tek® TEC™ 6 Magnifying Lens allows users to keep a close eye on even the smallest biopsies to ensure proper orientation



Modular console system with the flexibility and comfort you need

- Ergonomic, padded wrist rests provide support and comfort when needed or can be easily removed if desired
- Modules can be arranged either left-to-right or right-to-left based on user preference and comfort
- Large warming surface offers an extended working area that is wide enough to accommodate up to 10 cassettes on either side of the user
- The large, nylon-coated surface of the Cryo Module has raised edges to contain moisture and provides ample space for up to 60 embedded blocks



Specifications

Product name	Tissue-Tek® TEC™ 6 Embedding Console System
Product code	5110
Applications	Embed processed tissue in paraffin, forming paraffin blocks for sectioning
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 timer mode	User-programmable, ready with shutdown times for each day of the week
Heating time (Embedding Module)	Paraffin and left/right chambers: 4 hours from room temperature start
Cooling time (Cryo Module)	30 minutes from room temperature start
Temperature range	Paraffin and thermal chambers: 122 to 167°F (50 to 75°C) Hot plate: 122 to 167°F (50 to 75°C) Cryo plate: 14 to 32°F (-10 to 0°C)
User interface display	4.3 inch TFT color LCD touchscreen
Diagnostic function	Self-diagnosis, error messages, power-out detection
Data interface options	USB
Operating temperature	50 to 95°F (10 to 35°C)
Operational relative humidity	30% to 85% (non-condensing)
Rated voltage and current	Embedding Module: 115 VAC ± 10%, 60 Hz, 9 A Cryo Module: 115 VAC ± 10%, 60 Hz, 2 A
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: 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 Module: 55 lbs (25 kg) Cryo Module: 48 lbs (22 kg) Combined: 104 lbs (47 kg)
Certifications	UL61010-1; 3rd ed: 2012; CSA-C22.2 No.61010-1-2012; IEC61010-2-010:2014; IEC61010-2-101:2015
Regulatory status	IVD, FDA Class I

Accessories and consumables

Product code	Product name and quantity
1550	Tissue-Tek® Scraper, Large
1551	Tissue-Tek® TEC™ 5 Large Tamper; 3/case
1552	Tissue-Tek® TEC™ 5 Small Tamper; 3/case
5782	Tissue-Tek® TEC™ 5 75-Cassette Transfer Tray
5120	Tissue-Tek® TEC™ 6 Warming Chamber Tray, Large
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
5783	Tissue-Tek® TEC™ Base Mold Divider
5127	Tissue-Tek® TEC™ 6 Magnifying Lens
5785	Tissue-Tek® TEC™ Foot Pedal Switch
4005	Tissue-Tek VIP® Processing/Embedding Medium, 1 kg; 8/case
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3, 1 kg; 8/case



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.

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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

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