



Tissue-Tek® TEC™ 6
Embedding Console System

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

A long tradition of excellence

Known for best-in-class automation and reliability Sakura Finetek remains a privately-held company in business for over 140 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 Japan Co., Ltd. (SFJ) is based in Nihonbashi, Tokyo. Functions covered at this facility include sales and marketing, R&D, service, application/technical support and manufacturing.

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

SFJ is responsible for Asia and Oceania region and serves these markets with a network of local distributors.

With the worldwide headquarters in Japan and regional offices in Japan, the U.S.A., and Europe, our 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.sakura-finetek.com

Sakura Finetek Japan Co., Ltd.
1-9, Nihonbashi-Honcho 3-chome, Chuo-ku, Tokyo 103-0023 Japan



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
- 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 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 Tissue-Tek® TEC™ 6 Embedding Module, Tissue-Tek® TEC™ 6 Cryo Module					
Model number (Product code)	TEC 6-A1		TEC 6-E2		TEC 6-J2	
	TEC 6-EM-A1 (5108)	TEC 6-CM-A1 (5109)	TEC 6-EM-E2 (5112)	TEC 6-CM-E2 (5113)	TEC 6-EM-J2 (5128)	TEC 6-CM-J2 (5129)
Rated voltage and current	115 VAC ± 10%, 60 Hz, 9A	115 VAC ± 10%, 60 Hz, 2A	230 VAC ± 10%, 50 Hz, 4A	230 VAC ± 10%, 50 Hz, 1A	230 VAC ± 10%, 50 Hz, 4A	230 VAC ± 10%, 50 Hz, 1A
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 thermal chambers: 4 hours from room temperature start					
Cooling time (Cryo Module)	30 minutes from room temperature start					
Temperature range	Paraffin and thermal chambers : 50 to 75°C Hot plate : 50 to 75°C Cryo plate : -10 to 0°C					
User interface display	4.3 inch TFT color LCD touchscreen					
Diagnostic function	Self-diagnosis, error messages, power-out detection					
Operating temperature	10 to 35°C					
Operational relative humidity	30% to 85% (non-condensing)					
Dimensions	Embedding Module : 575 (W) x 642 (D) x 377 (H) mm Cryo Module : 330 (W) x 617 (D) x 377 (H) mm Combined : 905 (W) x 642 (D) x 377 (H) mm					
Weight	Embedding Module : 25 kg Cryo Module : 22 kg Combined : 47 kg					

Accessories and consumables

Standard accessories

Product code	Product name	Quantity
1550	Tissue-Tek® Scraper, Large	1
1551	Tissue-Tek® TEC™ Large Tamper	1
1552	Tissue-Tek® TEC™ Small Tamper	1
5120	Tissue-Tek® TEC™ Warming Chamber Tray, Large	1
5121	Tissue-Tek® TEC™ 6 Wrist Rest (right)	1
5122	Tissue-Tek® TEC™ 6 Wrist Rest (left)	1
5123	Tissue-Tek® TEC™ 6 Wrist Rest Cushion (right)	1
5124	Tissue-Tek® TEC™ 6 Wrist Rest Cushion (left)	1
	Power cord (for Embedding Module)	1
	Power cord (for Cryo Module)	1
	Control Cable	1
	Operating Manual (for Embedding Module)	1
	Operating Manual (for Cryo Module)	1

Optional accessories

Product code	Product name	Quantity
5126	Tissue-Tek® TEC™ Partition Plate	1
5127	Tissue-Tek® TEC™ Magnifying Lens	1
5782	Tissue-Tek® TEC™ 75-Cassette Transfer Tray	1
5785	Tissue-Tek® TEC™ Foot Pedal Switch	1

Consumables

Product code	Product name	Quantity
4511	Tissue-Tek® III Paraffin Wax, 2.5kg	4/case
7810	Tissue-Tek® Paraffin wax II 60, 2.5kg	4/case