
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.



Tissue-Tek® TEC™ 6

Full embedding control at your fingertips

- Colour 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

General instrument specifications

Product name	Tissue-Tek® TEC™ 6 Embedding Console System
Product code	5114
Applications	Embed processed tissue in paraffin, forming paraffin blocks for sectioning
Capacity	Paraffin chamber: 4 litres Left and right thermal chambers: 1.5 litres 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: 50 to 75°C Hot plate: 50 to 75°C Cryo plate: -10 to 0°C
User interface display	4.3 inch TFT colour LCD touchscreen
Diagnostic function	Self-diagnosis, error messages, power-out detection
Data interface options	USB
Operating temperature	10 to 35°C
Operational relative humidity	30% to 85% (non-condensing)
Rated voltage and current	Embedding Module: 230 VAC ± 10%, 50 Hz, 4 A Cryo Module: 230 VAC ± 10%, 50 Hz, 1 A
Dimensions	Embedding Module: 57.5 (W) x 64.2 (D) x 37.7 (H) cm Cryo Module: 33.0 (W) x 61.7 (D) x 37.7 (H) cm Combined: 90.5 (W) x 64.2 (D) x 37.7 (H) cm
Weight	Embedding Module: 25 kg Cryo Module: 22 kg Combined: 47 kg
Applicable Standards	CE marked, EN 61010-1: 2010, EN 61326-1: 2013, EN 50581: 2012



Accessories and consumables

Product code	Product name and quantity
1550	Tissue-Tek® Scraper, Large
1551	Tissue-Tek® TEC™ Large Tamper; 3/case
1552	Tissue-Tek® TEC™ Small Tamper; 3/case
5120	Tissue-Tek® TEC™ Warming Chamber Tray, Large
5121	Tissue-Tek® TEC™ 6 Rest Wrist (right)
5122	Tissue-Tek® TEC™ 6 Rest Wrist (left)
5123	Tissue-Tek® TEC™ 6 Cushion (right)
5124	Tissue-Tek® TEC™ 6 Cushion (left)
5125	Tissue-Tek® TEC™ 6 Screen Protection Sheet
5127	Tissue-Tek® TEC™ 6 Magnifying Lens
5785	Tissue-Tek® TEC™ Foot Pedal Switch
4653	Tissue-Tek® Paraffin Wax Tek II, 1x 10kg
7052	Tissue-Tek® Paraform® Processing/Embedding Medium Formula 3, 1 kg; 8/case



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