

- AutoAlign™ and AutoTrim™ technologies
- LCD touch screen control panel
- Bluetooth® wireless remote control
- Multiple user-safety features



The Next Level in Precision Sectioning

Optional and included accessories

Item Code	Description
Included 5000	AutoSection AutoSection® Automated Microtome Low-Profile Blade Holder Wireless Remote Control Waste Collection System Foot Pedal
Optional 5009 4658	AutoSection High-Profile Blade Holder Waste Collection Bags 250/pcs
4650 5250 9021	Related Products Tissue-Tek® Cold Plate 24/case Tissue-Tek® TEC™ Plus, Cryo Module Tissue-Tek® SmartWrite™ Color Slide Printer
7089 4685 4689 4980	Blades Accu-Edge® Paraform® Blades Accu-Edge® High-Profile Disposable Blades Accu-Edge® Low-Profile Disposable Blades Tissue-Tek® Feather Low-Profile Blades

Specifications

Function	Specifications
Administrator access	Password protected
Section thickness	0.5 - 100 microns
Trimming thickness	1 - 200 microns
Retraction distance	No retraction, 20-100 microns
Sectioning speed	10 - 450 mm/second
Trimming speed	10 - 450 mm/second
Return speed	10 - 450 mm/second
Maximum specimen size	60 x 60 mm
Maximum vertical stroke	122 mm
Maximum horizontal stroke	10 mm
Number of presets	Up to 16 different presets
Number of macro program steps	Up to 16 steps
Number of user preferences	Up to 32 different preferences

Power Supply Requirements

- Rated voltage and current
- A single electrical design accommodates the following voltages:
 - 115 VAC ± 10%, 50/60 Hz, single phase, 7.1 amps
 - 230 VAC ± 10%, 50/60 Hz, single phase, 4.1 amps
 - 100 VAC ± 10%, 50/60 Hz, single phase, 8.2 amps

Dimensions

Centimeters:	38 (W) × 67 (D) × 44 (H)
Inches:	15 (W) × 26.4 (D) × 17.4 (H)
Weight:	55 kg/121 lb

Microtome Specifications

Section thickness:	0.5 - 100 microns
Trim thickness:	1.0 - 200 microns
Sectioning speed:	10 - 450 mm/second
Maximum specimen size:	60 × 60 mm

External Agency Approval

UL, CSA, CE, IVD, ISTA

 **Tissue-Tek® AutoSection®**
Automated Microtome

Visit our web site at www.sakuraus.com

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Trusted Innovation™

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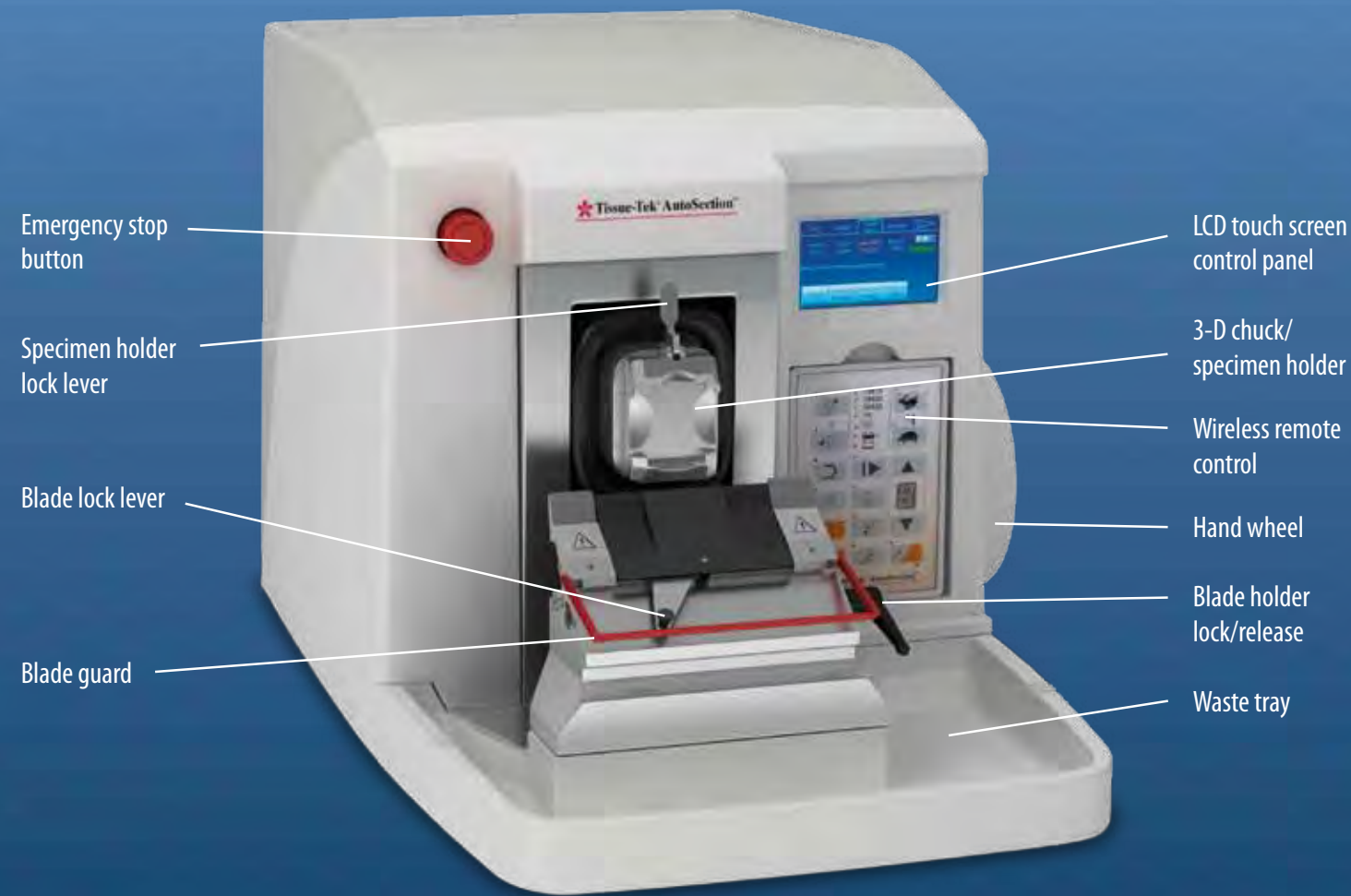
Fully Automated SMART Microtomy




SAKURA **Tissue-Tek® AutoSection®**
Automated Microtome

The World's First SMART Microtome

Fully automated with AutoAlign™, AutoTrim™, and Programmable Sectioning



AutoAlign™—makes recuts a breeze

- Automatically orients the block to the blade edge
- Employs patented sensing and automated 3-D specimen holder technology for precise XYZ orientation
- Standardizes block orientation even if block was trimmed or sectioned on a different microtome
- Saves technician time
- Preserves valuable tissue

AutoTrim™—trims blocks with one-touch operation

- Automatically trims blocks in seconds
- Accommodates most common cassettes
- Optimized for Tissue-Tek® Paraform® Cassettes
- Reduces risk of tissue loss



Programmable sectioning—easy to use, easy to learn

- One-touch operation to engage cutting modes
- 16 user-defined trimming/sectioning programs
- Up to 15 parameters for a variety of tissue protocols (including block size, thickness, and speed)
- 15 macro functions (align, level, retract, audible alerts, and more)
- Enables facilities to implement standardized protocols for specific tissue or block types
- The most accurate and precise microtome on the market as determined by laser measurements
- Standardizes section thickness to help optimize advanced staining procedures such as IHC and ISH
- Hand wheel allows manual use

User safety—reduces risk of musculoskeletal disorders

- One-touch trimming and sectioning eliminates repetitive hand wheel motions
- Multiple levels of built-in user safety
- Sliding dispenser feature of Accu-Edge® blades eliminates direct handling of blades
- Wireless remote allows hands-free operation for both right- and left-handed users