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# Tissue-Tek AutoSection®


Automated Microtome

*Imagine... microtomy at  
the touch of a button*



continuous innovation for pathology



 **Tissue-Tek® Auto**  
SAKUMA



AutoSection®

## Innovation in microtomy has arrived

Laboratories are in a state of constant change, optimising their workflow to be able to cope with the growing amount of daily cases. Sakura Finetek is a partner in change, providing you with the world's first fully automated microtome, the Tissue-Tek AutoSection®.

Building on the success and principles of SMART Automation, Sakura Finetek introduces the next step in Total Laboratory Automation. It is called Tissue-Tek AutoSection automated microtome. Precision sectioning and consistent high quality is now achievable for every technician, every single block and tissue type.

The Tissue-Tek AutoSection automatically aligns, trims and sections your blocks, including Tissue-Tek Paraform®.

The combination of cutting edge technology and the razor sharp Accu-Edge® Paraform® Microtome Blade enables thin, consistent high quality sections. AutoAlign™ technology will precisely orient blocks and dramatically reduce the risk of losing tissue, particularly important with recuts.

With AutoTrim™, blocks are ready for sectioning within seconds, saving valuable production time. Another major benefit of automation and stress free microtomy is the reduction of repetitive motion and the increase of staff satisfaction.



### AutoSection automated microtome

- Consistent high-quality sectioning
- Preservation of valuable tissue from re-cuts
- Improved productivity
- Minimal repetitive motions

The AutoSection has been designed to optimise current laboratory's sectioning workflow. Perfect trimming at the touch of a button, most accurate and consistent sectioning and superior ergonomics, delivering you pain-free microtomy.



## AutoAlign™

The AutoSection is the world's first automated microtome, made possible by integrating new innovative technologies. One of the most important features is auto alignment: the block holder automatically aligns the block to the blade, due to this unique 3D alignment technology.

This technology replaces manual orientation of the block, leading to standardised and most accurate block alignment, for every lab technician; beginner or advanced. By automating and optimising this procedure, valuable tissue will be saved in the process and the technician's time will be used more efficient.



Essential in the microtomy process is consistent and accurate sectioning. This will be achieved by the AutoSection and Sakura Accu-Edge Paraform Disposable Microtome Blades, a validated combination and a guarantee for optimal results.



## AutoTrim™

The AutoTrim technology facilitates fast, standardised and exact trimming for most commonly used cassette types. By automating, the trimming process will be finished in seconds, saving valuable time and eliminating repetitive motion. With one touch of a button, blocks are perfectly trimmed and ready for sectioning.

## Precision sectioning

Automated and precise sectioning provides consistent, high quality sections. With standardisation, valuable tissue is preserved, and the technician's time is used more efficiently, maximising the laboratory's productivity. Consistency in stained slides, starts with optimising the microtomy process.

Due to the integrated technologies, the AutoSection is the world's most accurate and precise microtome, delivering you consistent slides, time after time.

## Programming

The AutoSection enables you to implement your standardised protocols for specific tissues or block types and offers up to 16 user-defined programs. By working with consistent programming, the chance of human errors is virtually eliminated and rework is minimised.







## Recutting

Regardless of the previously used microtome, the AutoSection aligns the block perfectly for recuts. Sectioning is performed without losing valuable tissue, no matter the size of the included tissue, big or small.

Another superior advantage of automating the process is that more sections can be produced from the same block. The consistent section thickness optimises the quality of all slides, including IHC slides, where consistent high quality is essential.

## User convenience

AutoSection, designed for optimal user convenience, provides one-touch operation. The wireless remote control can be used for remote operation of the system, providing an optimal solution for right- as well as left-handed users. During sectioning the system can be easily interrupted by a press on the foot pedal, which enhances ergonomics and gives the user the possibility to keep his two hands free for handling the ribbon. Automated sectioning eliminates repetitive motion, offering pain free microtomy.

## Total Microtomy Solution

Sakura Finetek understands that you want to improve your productivity in the laboratory and increase the safety of those who work there. Our solutions allow you to gain consistent high-quality sectioning for a complete microtomy solution.

The user-friendly solutions do not stop with the Tissue-Tek AutoSection®. Combine the Accu-Edge® Blades and a selection of value added Sakura services, like the AutoSection User Training, to provide your laboratory with a total solution.

# The Total Microtomy Solution

The total microtomy solutions from Sakura Finetek provide you with the ability to obtain value added services that complement the AutoSection. This will ensure your laboratory can achieve a productive, safe and high-quality microtomy service.

## Products

- 5000 AutoSection® automated microtome
- 5008 Accu-Edge® Low-profile Blade Holder
- 4658 Waste collection bags 250/pcs
- 7089 Accu-Edge® Paraform® Disposable Microtome Blade

## Consumables

### 7089 Accu-Edge® Paraform® Disposable Microtome Blade

The Accu-Edge Paraform® Microtome Blade is specially designed for the sectioning of Tissue-Tek Paraform® Cassettes to guarantee the best results.



Visit [Sakura.eu](http://Sakura.eu) for more information on the available blades.

## Sakura Services

Sakura's range of histopathology services is designed to assist you to meet the challenges you and your laboratory face on a day to day basis. These will position your laboratory optimally in a competitive world and place you ahead of time. Complementing the high quality instruments and consumables we are known for, our services help you to become more efficient, reduce your turnaround times and increase the quality of your work.



Financial Solution



User Training



Service Agreement



Express Delivery



Workflow Consultancy

Visit [sakura.eu/services](http://sakura.eu/services) for availability in your region.

Please visit our website [www.sakura.eu](http://www.sakura.eu)

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