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## Tissue-Tek AutoTEC® a120 Automated Embedding System

*Imagine... fully automated  
embedding and clean,  
consistent blocks*



continuous innovation for pathology



**Improve productivity and  
free your staff for what  
really matters.**



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## Tissue-Tek AutoTEC® a120

The industry's first and only fully automated embedding system, the Sakura Tissue-Tek AutoTEC a120 improves your laboratory's productivity. Enabling technicians to improve turnaround times and provide consistent quality.

### SMART Automation

The AutoTEC a120 is part of Sakura's SMART Automation concept to automate the manual work and create a continuous flow in your lab, supporting you to deliver accurate, fast diagnosis to optimise treatment success.

Combining the a120 with Tissue-Tek® Paraform® cassettes and Tissue-Tek® Paraform® Tissue Orientation gels, provides your lab with a complete system to automate cassette embedding.

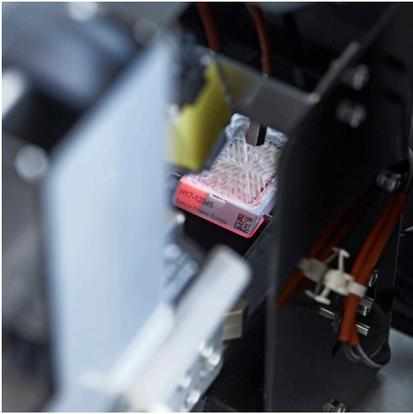
Do you want to eliminate unnecessary, repetitive work for lab technicians and focus on what really matters? Sakura's latest innovation, the Tissue-Tek SmartConnect® connects the AutoTEC a120 with the Tissue-Tek Xpress® x120 Continuous Rapid Tissue Processor to help increase your lab's efficiency.





Tissue-Tek AutoTEC<sup>®</sup> a120  
Automated Embedding System

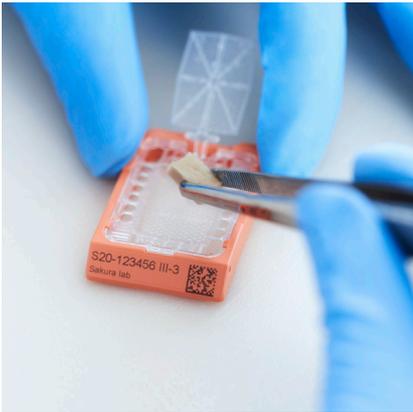




## Increase productivity

Empower your staff by releasing them from repetitive manual work through automation to enable them to concentrate on value-added activities.

- Enables a throughput of up to 120 cassettes per hour to increase productivity and shorten turnaround times by reducing manual embedding of tissue specimens.
- Precision delivery of paraffin and SMARTair Technology eliminates time-consuming tasks, like block scraping and provides consistent high-quality blocks.



## Enhance patient tissue safety with Paraform

The Tissue-Tek Paraform Sectionable Cassette System, used with the AutoTEC a120, secures tissue orientation from grossing until microtomy for all routine tissue types.

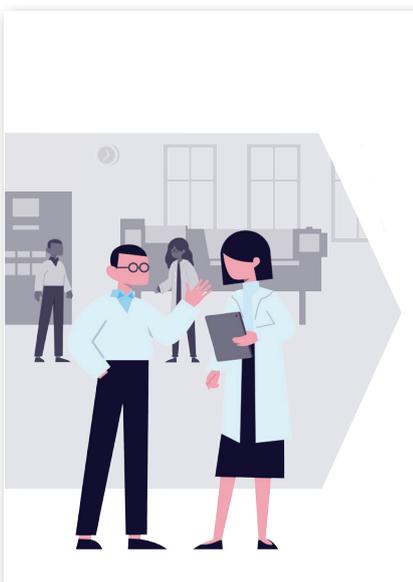
- Increased safety of your samples and minimise the risk of tissue loss.
- The integrated cassette barcode reader for LIS connectivity facilitates specimen track & trace.



## User-friendly

The AutoTEC a120 delivers improved user convenience.

- Enhanced ergonomics of the automated process offer comfortable operation, reducing repetitive straining disorders movements.
- Easy access to the paraffin reservoir and base moulds provides further increase in system up-time, leading to minimal user maintenance.



## Bridge

Sakura Bridge enhances the efficiency of your lab by seamlessly integrating the Tissue-Tek AutoTEC® a120, Tissue-Tek Xpress® x120, Tissue-Tek SmartConnect® and Tissue-Tek Genie® SMART Automation solutions.

Our expert consultants work closely with your team to streamline workflows, minimise backlogs and standardise procedures.

From pre-installation planning to post-implementation support, Sakura Bridge ensures a smooth transition and long-term success.

With tailored guidance and ongoing optimisation, we help you achieve higher throughput, reduced turnaround times and a more productive laboratory - ready to meet today's demands and future challenges.

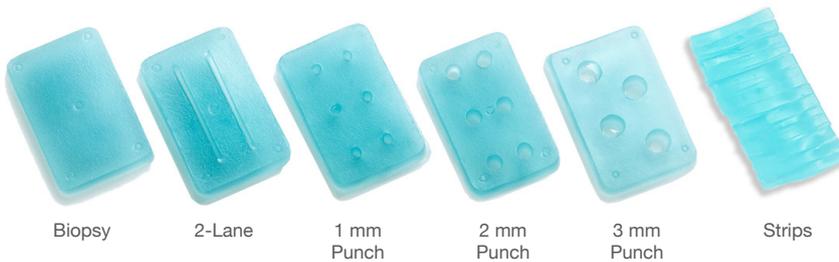
## Paraform and Orientation Gels

Once the tissue is correctly oriented at grossing, the Tissue-Tek Paraform Cassette System locks the specimen during processing and embedding. Thereby minimising tissue loss and eliminating specimen reorientation.

Three cassette types are available for you to select the suitable cassette for your routine tissue type. Choose between Standard, Biopsy or Biopsy 13x13.



Tissue-Tek Paraform Tissue Orientation gels are specially designed to safely hold and maintain the orientation of small tissue samples. Simply place the Tissue Orientation Gel Insert, available in 6 configurations, in the Paraform® Biopsy Cassette and you're ready to go.



## Connecting professionals and technology

Bringing new technology into your lab can be a challenge. The biggest challenge is bringing people on board with the change. We're here to guide you. Sakura Bridge, our implementation service, connects professionals and technology to help you achieve your goals, deliver the best lab results and get the most out of your AutoTEC *a120*.

How does it work? Our team of experts creates a detailed implementation plan with tools that include a thorough Workflow Analysis and an in-depth Paraform Workshop. Sakura Bridge empowers your professionals to become confident in working with the Tissue-Tek AutoTEC *a120*.





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