



Tissue-Tek AutoTEC[®] a120

Automated Embedding System

continuous innovation for pathology





The automated embedding process

Automated embedding process

- Automatically embed standard cases in a SMART workflow
- Freeing staff for more added-value tasks

Safe tissue handling

- Lock correct orientation at grossing: eliminate reorientation of your tissue
- Clean and consistent blocks
- Safely lock your patient tissue

Increased productivity

- Up to 120 blocks/hour
- No more block scraping required
- Optimal connection with the Xpress x120
- Barcode reader for LIS connectivity

Improve productivity in your lab

- Free up valuable technician time for other tasks
- Automatically embeds all standard cases
- Save time spent on tedious tasks like block scraping

Increase productivity

- On average a technician embeds 69 cassettes per hour*
- Save 250 working days per year**

Get rid of scraping

- Scraping an embedded block requires 8 seconds
- Save 34 working days per year**

* n = 97 labs

** Daily workload of 500 blocks



Tissue-Tek® Paraform® cassettes

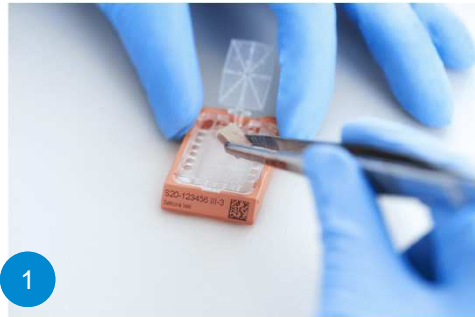
Your tissue safe

Once the tissue is correctly placed into the Paraform cassette, there is no need to take the tissue out of the cassette again

- Facilitating Track & Trace
- Higher quality diagnosis compared to manual embedding
- Increased safety of your samples



How it works



1. Place the tissue at grossing in a Paraform cassette
2. Collect a small volume in processing magazines
3. Process the tissue in the VIP6AI or x120



4. Load the a120 with the same magazines.
5. The a120 automatically embeds the cassettes, no block scraping required
6. After 25 minutes the cassettes are ready for microtomy



Bringing benefits to you and your laboratory



Technician

- Reducing the need for manual embedding
- Free up time for other tasks or expertise
- Clean consistent blocks
- Reducing repetitive straining disorders



Lab manager

- Prepare for future increasing workload
- Increasing staff productivity by reducing manual work
- Shorten the turnaround time
- Reduce bottlenecks



Pathologist

- Shorter delivery times
- Increased capacity in the lab to be used for other tasks
- Increased safety of your samples due to the locked tissue in the Paraform cassettes



Increased safety

of your samples due to the

locked tissue in the
Paraform cassettes.



The *a120* solution



Instrument

- Tissue-Tek® AutoTEC® *a120*
Automated Embedding System
100-230V, 50/60 Hz

Tissue-Tek® Paraform® consumables

- Cassettes
- Frames
- Orientation Gels
- Embedding Medium

Services

- Leasing Solution
- Service Agreement
- Advanced User Training

Important steps for a successful implementation

Implementation process

Sakura's implementation consultancy team helps you building up the utility rate of the *a120* step by step.

Workflow analysis

Sakura workflow experts will implement your *a120* to maximise the instrument utility for your lab.

Paraform workshop

An inspiring and interactive session how to work with a new cassette type (hands-on training)



Testimonial

*"More cassettes embedded with
less time required"*

*"Staff were released to perform
other tasks"*



Vivantes Klinikum Neukölln, Berlin
Professor Herbst

