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## SMART Automation

The smarter way, for the best results

*Designed to create a more efficient workflow that leads to an overall higher productivity*



continuous innovation for pathology



# The concept

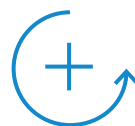
## THE BENEFITS OF CONTINUOUS FLOW

### Prepare your laboratory for tomorrow

SMART Automation is designed to automate manual work and to create an efficient flow of work through your lab.

With SMART Automation you can attain a higher quality diagnostic process, consistent results, and a reduction in rework. Enjoy a more relaxed work atmosphere with increased efficiency and output.

Over the past 10 years histopathology laboratories have achieved impressive performance levels with SMART Automation and have reported:



**Increased productivity**  
using the same number of technicians



**Reduction in turnaround time**



**Eliminate backlogs**



**Ability to start diagnosing at any time**



# A closer look

## GETTING READY FOR CONTINUOUS FLOW

### Stop working harder, start working smarter

SMART Automation is designed to optimise your laboratory in four different ways.

#### Automating manual work

The smallest of actions still takes time and could potentially delay other processes, that's why SMART Automation instruments work by themselves. Saving valuable time for technicians to focus on other tasks.

#### Standardising the results

With no variations and deviations in the process, automated instruments produce consistent results – every single day – allowing technicians to focus on delivering more cases for diagnosis.

#### Creating continuous flow

Backlogs and large batches are the bottlenecks that prevent a laboratory from running optimally. Therefore we switch from large batches to small volumes with continuous flow, increasing the quality and quantity of cases completed.

#### Delivering high-quality results

The combination of our instruments, services and dedicated consumables guarantees consistent, high-quality results, over and over again.

### Say **no** to backlogs and **yes** to continuous flow

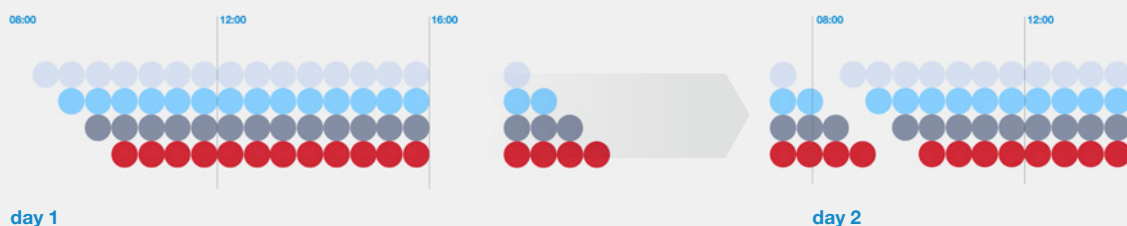


fig 1. With SMART Automation you can simply start and pick up tasks after each day. Working continuously and harmoniously between all the steps in the process.

# The start of SMART

CONNECTING YOU WITH OUR SOLUTIONS

## Our instruments

Let the Sakura SMART Automation instruments do all the work, so you can focus on what matters. It begins with a processing cycle that continuously delivers small processing volumes. The flow steadily continues with automated embedding, microtomy, staining and coverslipping.

### Continuous Rapid Tissue Processor

Tissue-Tek Xpress® x120

### Automated Embedding System

Tissue-Tek AutoTEC® a120

### Integrated Staining and Coverslipping System

Tissue-Tek Prisma® Plus & Tissue-Tek Film®

## Our consumables

Sakura's consumables ensure convenient and optimal use of our instruments and supports your lab in getting high quality results.



## Our services

Sakura Finetek Europe will be your partner in SMART Automation

From start to finish, our services portfolio offers a suitable solution. We aim to enable an efficient, well-maintained laboratory and empower your staff to deliver more cases with higher-quality, standardised results.





*“Sakura has ensured the quality of our tissues”*

– Antonio Martinez, MD, PhD  
Head Department of Pathology Hospital Clinic Barcelona

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## It's time to make a change for a better future

Pathologists, technicians and their laboratories are facing more and more challenges each day. With a growing population in size and age, we see a worrying increase in cancer cases globally.

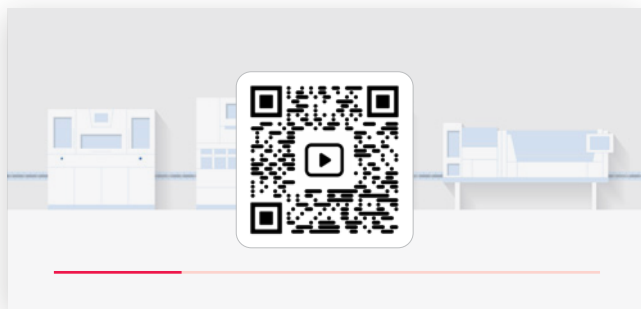
An increase that affects hospitals greatly, increasing workload and the demand for fast accurate results. It depends on the staff to get the job done. However, with a decline in qualified staff, pressure and stress is on the rise, as is overtime. To overcome these challenges, we have developed SMART Automation which aims to achieve: **increased productivity, with a faster turnaround time at a high level of diagnostic accuracy.**



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## Curious to see SMART Automation in action?

Take a deep dive into SMART Automation through our films and discover what this concept can mean for you.



- **The concept**  
The benefits of continuous flow
- **A closer look**  
Getting ready for continuous flow
- **The start of SMART**  
Connecting you with our solutions

Visit us at [sakura.com](http://sakura.com)

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