
SMART Automation

The smarter way, for the best results

*“We have significantly
increased **output** with the
same number of people”*



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'll 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:



30% increased productivity using the same number of technicians



67% reduction in turn-around time



No more 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

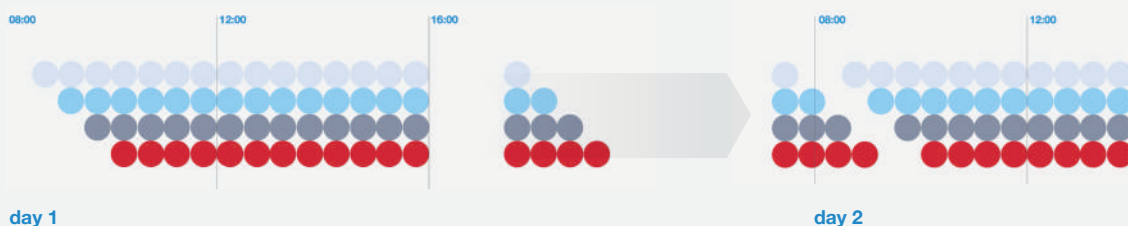


fig 1. With SMART Automation you can simply start and pick up tasks after each day. Working continuously and harmoniously between all the steps in the process.

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 validated consumables ensure convenient and optimal use of our instruments and guarantee the quality of your results.



Our services

Sakura Finetek Europe will be your partner in SMART Automation

From start to finish, our services portfolio offers the perfect solution. We'll 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

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

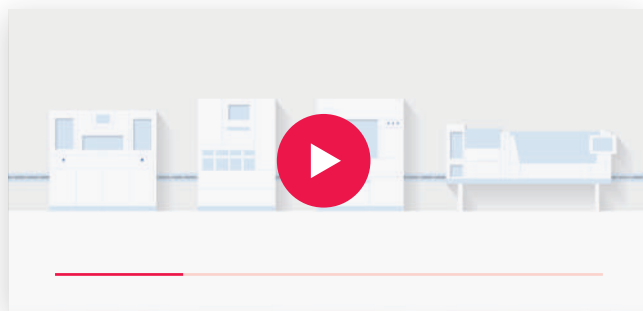
Pathologists, technicians and their laboratories are facing more and more challenges each day. With a growing population in size and age, we see a worrying increase in cancer cases globally.

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: **increased productivity, with a faster turn-around time at the highest level of diagnostic accuracy.**



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



Watch the videos and learn more at sakura.com/smart

