
Tissue-Tek Prisma® *Plus* & Tissue-Tek® Glas™ *g2*


Automated Slide Stainer & Coverslipper

*Imagine... great time saving,
supreme flexibility and high reliability
in staining and glass coverslipping*



continuous innovation for pathology





We empower pathology professionals to deliver an accurate and fast diagnosis of cancer to optimise treatment success



Tissue-Tek Prisma® *Plus* & Tissue-Tek® Glas™ *g2*

The challenges pathology labs are facing given by the need of shorter turnaround times, increasing workload, often with reduced staff and financial pressure on resources, creates the need for solutions which empower pathology professionals to deliver an accurate and fast diagnosis for optimal treatment success. The Sakura solutions are developed to help making this possible.

Tissue-Tek Prisma *Plus* & Tissue-Tek Glas *g2* integrated system provides the pathology professional with high reliability, time saving and flexibility in staining and glass coverslipping. One fully automated system for routine and special staining, with integrated Track & Trace barcode reading and glass coverslipping.

Confidence in performance and quality:

- Great time saving
- Supreme flexibility and safety
- High reliability



Total staining and coverslipping solution

In the histological process of tissue-based diagnostics, routine H&E staining and special staining plays an imperative role because most cells are colourless and transparent and have to be stained to make them visible for pathologists to make a diagnosis. After staining the final step in preparing a microscopic slide is to coverslip the stained slide. This is necessary to prevent dehydration and damage of the stained slide so that the pathologist can make the diagnose. The coverslip also protects the tissue in the long term during archiving and storage.

Creating confidence in the laboratory that they can easily manage their costs, whilst achieving a rapid turnaround time with consistent high quality slide delivery is most effective with a total solution for staining and coverslipping.

Combining the Tissue-Tek Prisma *Plus* and Tissue-Tek Glas™ *g2* with consumables such as the Tissue-Tek® Glas™ *g2* Coverslips & Easy Holders, user convenience is enhanced. These pre-filled coverslip holders enable quick and easy refilling of glass coverslips and reduces the

likelihood of errors due to multiple coverslips sticking together. With the other consumables such as the Tissue-Tek® Glas™ Mounting Media and a selection of added value Sakura Services provides the laboratory with this total solution.

Great time saving

The integrated Tissue-Tek Prisma *Plus* and Tissue-Tek Glas *g2* is really a time saver because of the fully automated character of the system. The integration is the link between the area of staining and coverslipping that automatically moves slides from the stainer to the coverslipper. Together with the continuous loading and unloading of multiple runs without start delays, the confidence in a standardised staining result and high quality coverslipping, provides true walk away capabilities.

Prior to integrated systems, a lab technician had to stop work to move a slide basket from the stainer to the coverslipper.

This movement meant that valuable user time was not deployed in the most efficient way. Due to the integration of the Tissue-Tek Prisma *Plus* and Tissue-Tek Glas *g2* which makes it a multidisciplinary instrument, users can place a rack or several racks of slides in the stainer, start the process and walk away. Slides are then stained and coverslipped automatically.

A big advantage of integrated systems is that they increase labor efficiency and reduce the need for batches by providing continuous loading capabilities and co-location of equipment. This decreases valuable user time spent waiting or reworking

poor quality slides and therefore will freeing your staff for other important tasks.

User training ensures that the laboratory is using and maintaining the system efficiently, ensuring the high quality and reducing the turnaround time of the slides.





Supreme flexibility and safety

Customers have greatly appreciated the convenience delivered by the integrated Tissue-Tek Prisma *Plus* & Tissue-Tek Glas *g2* stainer cover-slipper. This is due to the flexibility of having a single platform to easily perform haematoxylin and eosin and special stains reducing hands on time, maintenance time and service costs.

Added to this, having the choice of reagents, reagent container configurations and user defined programs comprise the ideal automated stainer for a wide variety of demands and requirements.

The improved user interface on the Tissue-Tek Prisma *Plus* allows 50

different colours for coding the reagent containers. This ensures high quality staining due to accuracy in reagent changing.

Tissue-Tek Prisma *Plus* & Tissue-Tek Glas *g2* provides unmatched staining and glass coverslipping with a throughput of 360 slides per hour. The system enables an efficient workflow with continuous loading and unloading capabilities.

The Tissue-Tek Prisma *Plus* is the most flexible multiple stainer on the market, with a wide range of configurations of routine and special staining. The availability of three different volume reagent reservoirs

optimises reagent usage and decreases operating costs.

In a pathology lab, the haematoxylin and eosin stain forms the backbone of daily pathological diagnostic work. Often, in the dewaxing and clearing phase, xylene is used. Because xylene is a hazardous solvent, laboratories are under pressure to seek less toxic alternatives.

With Tissue-Tek® Tissue-Clear®, we offer a xylene substitute which improves the worker safety in a lab.

Tissue-Tek® Tissue-Clear® is a xylene substitute, which differs by not irritating skin or mucosa and being odourless. Furthermore its low risk of igniting makes it safer to work with. Tissue-Tek Tissue-Clear is compatible with Tissue-Tek® Glas™ Tissue-Mount™ for glass coverslipping. By using Tissue-Tek® Tissue Clear® in your staining protocol and Tissue-Tek Glas Tissue-Mount for coverslipping, worker safety within the laboratory will be enhanced whilst delivering consistent high quality stained slides.

High reliability

Tissue-Tek Prisma *Plus* and Tissue-Tek Glas *g2* enables optimised and consistent high quality routine and special staining. Slide-to-slide consistency results in crisp images with clear detail. Quality can be further enhanced through optimised protocols by our specialised Sakura application support. Integrated track & trace capability through slide barcode reading enhances laboratory quality assurance.

Increased reliability and minimised maintenance issues are achieved on the Tissue-Tek Glas *g2* Coverslipper by the use of the patented Mechatronics™ mechanism. Mechatronics mechanism prevents any damage to the cover glass or tissue and guarantees bubble free slides.

Sakura has further enhanced reliability with the introduction of *iSupport* for the Tissue-Tek Prisma *Plus*. This real time remote monitoring system will reduce the adverse impact of instrument failure by increasing the already impressive uptime rate on the systems as it enhances the speed of repair.



The total staining and coverslipping solution

Total staining and coverslipping solutions provide you with the ability to obtain quality consumables and value added services to complement the Tissue-Tek Prisma *Plus* & Tissue-Tek Glas *g2* system. This will ensure your laboratory can achieve a cost efficient, quality staining and coverslipping service.

Products

- 6172 Tissue-Tek Prisma® *Plus* Standard Configuration 230V, 50/60Hz
- 6173 Tissue-Tek Prisma® *Plus* Special Staining Configuration 230V, 50/60Hz
- 6502 Tissue-Tek® Glas™ *g2* coverslipper 230V, 50/60Hz
- 6168 Tissue-Tek Prisma® *Plus* Link System Kit for Tissue-Tek® Glas™ *g2* coverslipper

Consumables

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|-------|--|------|--|
| 1408N | Tissue-Tek® Glas™ Mounting Medium,
6 x 500 mL (low viscosity) | 6415 | Tissue-Tek® Glas™ <i>g2</i> Coverslips & Easy Holder
24 x 40 mm; 5 x 200/cs |
| 1410 | Tissue-Tek® Glas™ Pertex, 6 x 500 mL
(high viscosity) | 6416 | Tissue-Tek® Glas™ <i>g2</i> Coverslips & Easy Holder
24 x 50 mm; 5 x 200/cs |
| 1467N | Tissue-Tek® Glas™ Tissue-Mount™,
Tissue-Clear® based | 6417 | Tissue-Tek® Glas™ <i>g2</i> Coverslips & Easy Holder
24 x 60 mm; 5 x 200/cs |

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

For availability of Sakura Services, please contact our local Sakura representative.

Please visit our website sakura.eu

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