Tissue-Tek Prisma® *Plus*

Automated Slide Stainer

The preferred choice of histology and cytology laboratories worldwide

continuous innovation for pathology

SAKURA®

Prisma *Plus* — Experience the power!

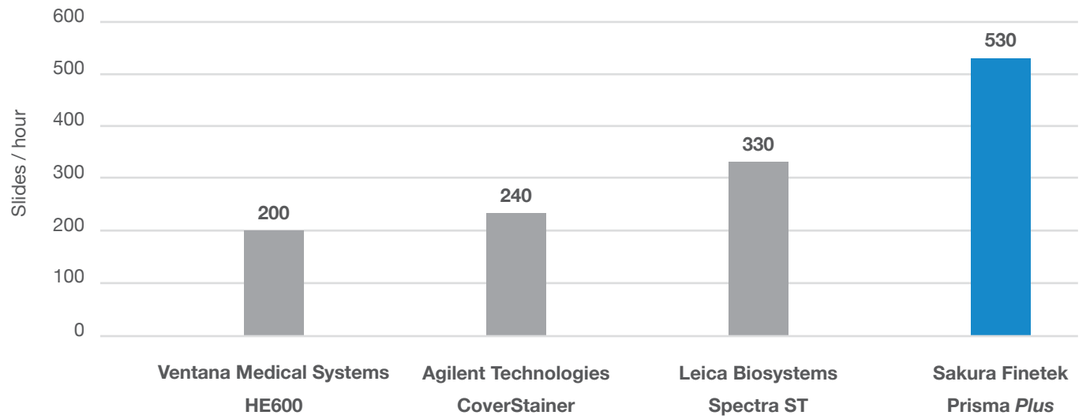
Having established the Tissue-Tek Prisma as the fastest and most reliable routine slide stainer in the world, Sakura Finetek now introduces the 2nd generation Prisma platform that takes staining technology to an even higher level of performance.

Fast gets *Faster* and more productive

Industry high throughput of 530 slides per hour* is achieved by superior slide scheduling that significantly shortens protocol times and leverages the Prisma *Plus*' new capability to split and group reagents. The improved throughput performance enables users to load 60 slides per run in each of the 3 start stations more frequently. The Prisma *Plus* sets the new standard as the fastest and most productive slide staining instrument in the world.

* For details on throughput performance data, contact Sakura Finetek USA, Inc.

FAST has a new level



Throughput comparison of standalone stainers and staining and coverslipping systems

New barcode scanning and documentation

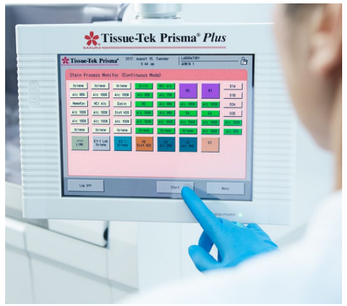
To track newly introduced Sakura Finetek H&E Staining Kits and comply with CAP requirements, users can now scan the barcode and automatically log the information of the staining kits and their components in the system software. The Prisma *Plus* stores and documents the expiration date and time the reagents were loaded on the instrument, providing another level of patient safety and documentation.

Scan and track reagents

Maximum uptime,
Minimal downtime

Flexible and versatile

The Prisma *Plus* utilizes efficient robotics and intuitive software to run multiple protocols simultaneously. With the Prisma *Plus*' flexible choice of 50 stain component color assignment, running H&E, PAP or special stains has never been easier. Users can better visually differentiate the stain components and their location within the stainer. Various stains running in parallel are easily customizable with the choice of 50 user defined staining protocols, meeting the demands of any pathologist.



H&E and PAP running in parallel

True walkaway integrated staining and coverslipping system

Connecting the Prisma *Plus* with the Tissue-Tek Film® Coverslipper or Tissue-Tek® Glas™ *g*2 Coverslipper creates an integrated, fully automated walkaway staining process from slide baking to slide drying. Laboratories can now further increase productivity, especially appreciated during daily peak demand hours, further reducing user stress levels by forwarding high quality stained and coverslipped slides to the pathologists faster.

Load and unload at your convenience

Proven reliability

With several thousand systems installed worldwide, the Prisma routine stainer continues to be the preferred choice of large diagnostic commercial laboratories, hospitals, clinicians, and researchers. Performance data for Prisma confirms "Best in Class" reliability with an industry-leading Mean Time Between Repairs greater than 52 weeks.

To further increase this unprecedented reliability, the Prisma *Plus* now features Tissue-Tek iSupport™, the latest technology in remote diagnostics and monitoring for your Prisma *Plus*. *i*Support is available to provide the quickest response possible to your laboratory for maximum uptime.

Trusted service and support

Specifications

Product name	Tissue-Tek Prisma® *Plus* Automated Slide Stainer, Standard Configuration Tissue-Tek Prisma® *Plus* Automated Slide Stainer, Special Staining Configuration
Product codes	6170 6171
Staining applications	H&E, PAP, Special Stains (optional)
Special applications	Validated for use on the Hologic® Thin Prep® Stain Plus Imaging System
Throughput	530 slides per hour when loading 60 slides per run, 3 start-stations
Configuration	Benchtop
Integrated coverslipping via Link	Tissue-Tek Film® Coverslipper (4740), using Tissue-Tek Film® Link (6134) Tissue-Tek® Glas™ *g2* Glass Coverslipper (6500), using Tissue-Tek® Glas™ Link (6168)
Load capacity	3 start-stations, 9 baskets, 180 slides
Unload capacity	Up to 5 end-stations, 15 baskets, 300 slides
Staining process capacity	Batch mode: 60, 20 or 10 slides Continuous mode: Up to 33 slide baskets or 660 slides can be run on-board simultaneously
Slide size	1 x 3 inches (25 x 75 mm)
Reagent reservoirs	22 reservoirs (standard configuration): up to 680 mL 44 reservoirs (expanded configurations): up to 285 mL
Wash reservoirs	Up to 4 wash stations (Tap or distilled water), direct flow or still
Slide basket agitation	Amplitude, speed and frequency, user programmable
Slide drying stations	2 with paraffin trays, 86 to 149°F, 30 to 65°C
Heated reagent stations	Optional, 2, 86 to 158°F, 30 to 70°C
Reagent naming capacity	Up to 100 (20 characters per name)
Programs capacity	Up to 50 staining methods
Fume filtration	Activated Carbon Filters on-board Optional external vent connection
User interface display	Color LCD touchscreen, 10.4”, TFT, VGA, mounted on adjustable arm
LIS connectivity	When integrated with either the Tissue-Tek Film® or Tissue-Tek® Glas™ *g2* Coverslipper barcode option
Data storage	On-board, exportable for staining program and name, solution configuration and name, process report, solution name, system setup, solution usage status, barcode history
Operating temperature	10 to 40°C
Rated voltage and current	Single phase, 115VAC ± 10%, 50/60 Hz, 9A (6170), 10A (6171)
Dimensions	49.2 (W) x 28.0 (D) x 25.6 (H) inches 125.0 (W) x 71.3 (D) x 65.0 (H) cm (excluding the control monitor)
Weight	330 lbs (150 kg), without reagents
Certifications	IEC 61010-1 2nd ed., CAN/CSA C22.2 No. 61010-1, UL 61010-1
Regulatory status	IVD, FDA Class I

Accessories and consumables

Product code	Product name and quantity
4768	Tissue-Tek® 20-Slide Basket; 10/case
6136	Tissue-Tek Prisma® 20-Slide Basket Adapter
6147	Tissue-Tek Prisma® Standard Solution Reservoir, 680 mL
6151	Tissue-Tek Prisma® Standard Solution Reservoir Lid
6145	Tissue-Tek Prisma® Small Solution Reservoir, 260 mL
6146	Tissue-Tek Prisma® Small Solution Reservoir Lid
6134	Tissue-Tek Prisma® Link System Kit for Tissue-Tek Film® Coverslipper
6168	Tissue-Tek Prisma® Link System Kit for Tissue-Tek® Glas™ *g2* Glass Coverslipper
6161	Tissue-Tek Prisma® Station Labels, START, END, PE
6162	Tissue-Tek Prisma® Basket Adapter Label
6160	Tissue-Tek Prisma® Activated Carbon Filter; 2/case

A long tradition of excellence

Known for best-in-class automation and reliability Sakura Finetek remains a privately-held company in business for over 160 years. Sakura Finetek has achieved its success and solidified its reputation by providing timely, ingenious solutions to the real challenges laboratories face on a day-to-day basis.

Our rich history has given us a thorough understanding of technology, quality, reliability, value for money and our customers' requirements. We use this knowledge to passionately develop products that anticipate developments in both technology and market needs.

Sakura Finetek USA, Inc. (SFA) is based in Torrance, California. Functions covered at this facility include sales and marketing, service and technical support, R&D, and manufacturing. SFA is an ISO 13485 certified manufacturer and supplier. As one of the two global manufacturing and R&D sites, SFA develops instruments and reagents into system solutions and secures our innovation with a steady stream of patents.

In addition to supporting the U.S. marketplace, SFA is also responsible for Canada, Mexico, Central and South America and serves these markets with a network of local distributors.

With the worldwide headquarters in Japan and regional offices in Japan, The Netherlands and the U.S.A., the global strategy of worldwide representation has been fulfilled to guarantee our customers the best service and support.

Our organization is developing, professionalizing and growing continuously, and thus maintaining its position as a trustworthy and valuable partner in histopathology.

Please visit our website www.sakuraus.com

Sakura Finetek USA, Inc., 1750 West 214th Street
Torrance, CA 90501 U.S.A.

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