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

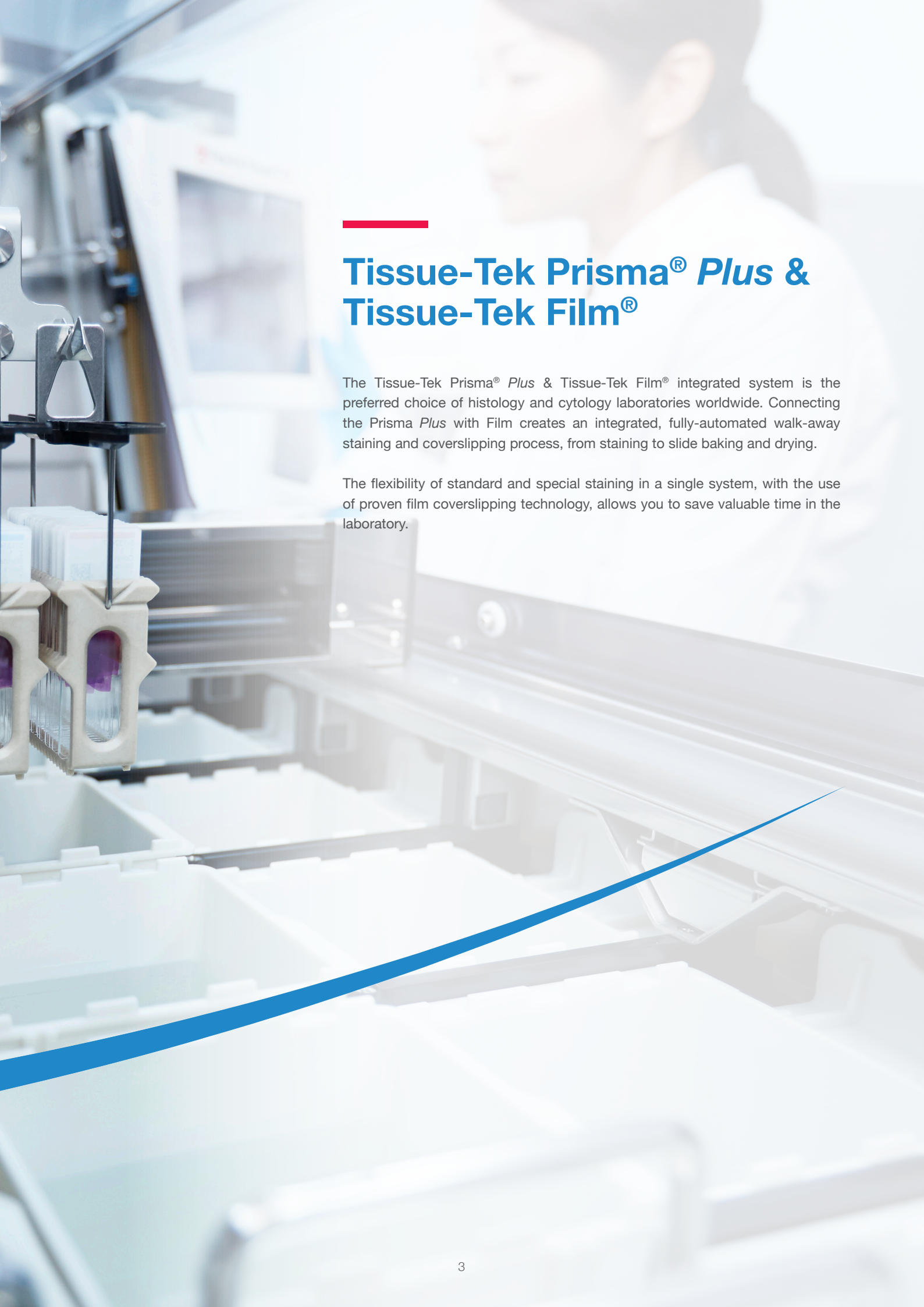
Automated Slide Stainer and Automated Coverslipper

***Imagine**… a flexible and versatile system with trusted reliability*

continuous innovation for pathology

SAKURA®

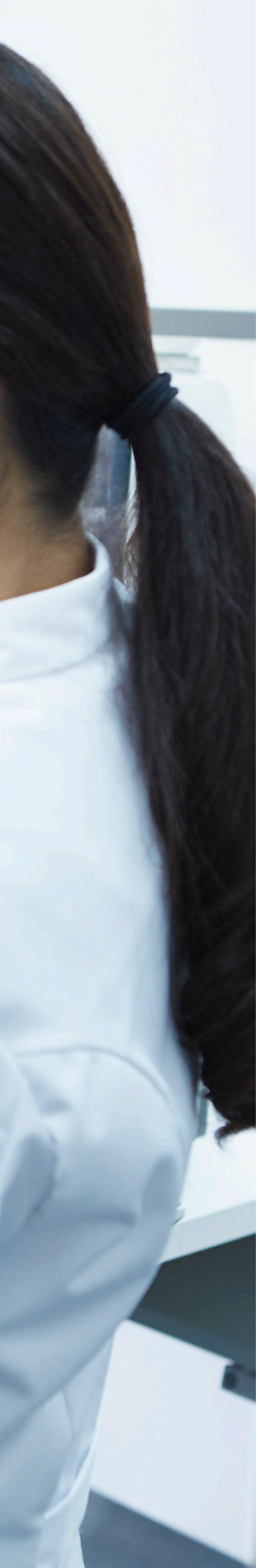
Where reliability goes hand-in-hand with flexibility, allowing you to save valuable time.

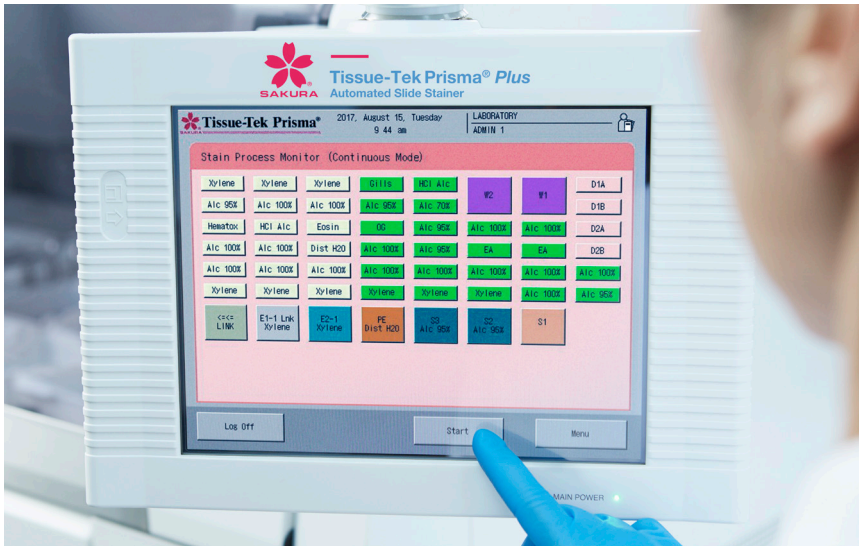


Tissue-Tek Prisma® *Plus* & Tissue-Tek Film®

The Tissue-Tek Prisma® *Plus* & Tissue-Tek Film® integrated system is the preferred choice of histology and cytology laboratories worldwide. Connecting the Prisma *Plus* with Film creates an integrated, fully-automated walk-away staining and coverslipping process, from staining to slide baking and drying.

The flexibility of standard and special staining in a single system, with the use of proven film coverslipping technology, allows you to save valuable time in the laboratory.





Save time on staining and coverslipping

Time is of the essence. Virtually every histopathology lab is pushed on turnaround times and faces increasing workload, often with reduced staff and with equal or even fewer financial resources. The integrated Prisma *Plus* and Film optimises labour efficiency and saves time on the staining and coverslipping processes.

Get standardised coverslipped slides while reducing turnaround times, thanks to the continuous loading of multiple runs. The use of Film technology to replace glass coverslips and eliminate the need for liquid mounting media reduces the cleaning frequency and simplifies maintenance.

Staining flexibility

Customers have greatly appreciated the convenience delivered by the integrated Prisma *Plus* & Film stainer and coverslipper. This is due to the flexibility of having a single platform to easily perform H&E and special stains.

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

The improved user interface on the Prisma *Plus* allows 50 different colours for coding the reagent containers, meeting the demands of any pathologist.

Trusted reliability

The Prisma *Plus* and Film coverslipper have been designed, engineered and built to provide laboratories with an integrated stainer coverslipper with a pedigree of dependability and reliability for consistenly clear, high-quality stained slides.

Sakura has further enhanced reliability with the introduction of *i*Support for the Prisma *Plus*. This real-time remote monitoring system helps to reduce the adverse impact of instrument failure by enhancing the speed of repair.

Consumables

4770-E Coverslipping Film

Total H&E Staining and Coverslipping Solution

Combining the Prisma *Plus* and Film with quality consumables, such as the Tissue-Tek Coverslipping Film and Sakura Services, provides laboratories with a total solution. This Sakura combination creates confidence that labs can easily manage their costs, whilst achieving a rapid turnaround time and deliver consistent high-quality slides.


SAKURA
Tissue-Tek Film®
Automated Film Coverslipper

Tissue-Tek Prisma® *Plus* and Tissue-Tek Film®

Automated Slide Stainer & Automated Coverslipper

Specifications

Tissue-Tek Prisma® *Plus*
Automated Slide Stainer

General

Name and description	Tissue-Tek Prisma® Plus Automated Slide Stainer, Standard Configuration Tissue-Tek Prisma® Plus Automated Slide Stainer, Special Staining Configuration
Itemcode	6172 Standard Configuration 6173 Special Staining Configuration
Dimensions (WxDxH)	125 x 71.3 x 65 cm (excluding the control monitor)
Weight (empty)	150 kg

Electrical

Rated power supply	230 VAC ± 10% Single phase, 50/60 Hz, 5.5 A
Power consumption	1000 VA

Environmental

Operational temperature range	+10 °C to +40 °C
Operational relative humidity	30 to 85%, non-condensing
Noise level (dB)	< 65 dB
Storage temperature range	-10 °C to +65 °C
Storage relative humidity	20 to 90%, non-condensing
Water supply requirement	Dynamic pressure: 0.098 - 0.441 MPA Maximum static pressure: 0.74 Mpa Temperature: 30 °C max. (non freezing) Nominal pipe diameter: 15A (1/2 inch) min. Faucet: general shape having a tip of 12 mm to 17 mm in size

Operating

Loading capacity	Up to 3 start stations, up to 180 slides
Unloading capacity	Up to 5 end stations, up to 300 slides
Basket capacity	10 or 20 slides
Staining modes	Batch mode Continuous mode
Reagent reservoirs	30-52
Reagent reservoir volume	Small solution reservoir (expansion): 255~285 mL Standard solution reservoir: 680~820 mL Special stain reservoir: 160 ~180 mL
Drying station	2 stations, 30 °C to 65 °C
Washing stations	Up to 4 stations
Heating station	2 stations (optional in standard edition, standard in special edition), 30 °C to 70 °C
Fume control	Activated carbon filters on-board, optional external vent connection
Reagent management system	Programmable by number of days, slides, or runs Barcode reader for Sakura staining solutions (optional)
Program memory	Up to 50 protocols with up to 50 steps per program

User interface

Display	10.4 inch colour LCD Touchscreen, TFT, VGA, mounted on adjustable arm
Connectivity	When integrated with Tissue-Tek Film®: slide barcode reader (optional), possibility to connect with LIS
Data storage	On-board, CF card

Certifications

Regulatory status	(EU) 2017/746 CE IVD, Class A device
Conformity	2011/65/EU (EU) 2015/863 EN IEC 63000:2018

continuous innovation for pathology

SAKURA®

Tissue-Tek Film®
Automated Coverslipper

General

Name and description	Tissue-Tek Film® Automated Coverslipper
Itemcode	4742
Dimensions (WxDxH)	72 x 58 x 69 cm
Weight	75 kg

Electrical

Rated power supply	230 VAC ± 10%, @< 7A 50/60 Hz, 0.8A

Environmental

Operational temperature range	+10 °C to +40 °C
Operational relative humidity	30 to 85%, non-condensing
Operational relative atmospheric pressure	70 kPa to 106 kPa
Storage temperature range	-10 °C to +65 °C
Storage relative humidity	30 to 95%, non-condensing
Storage relative atmospheric pressure	70 kPa to 106 kPa

Operating

Loading capacity	Up to 60 slides (3 baskets of 20 slides)
Unloading capacity	Up to 240 slides (12 baskets of 20 slides)
Throughput	Up to 1,080 slides per hour
Acceptable glass slide dimensions	Size: 24.7 - 26.5 mm x 74.7 - 76.5 mm Thickness: 0.9 - 1.2 mm
Compatible solvent	Reagent grade or analytical grade xylene only
Fume control	Activated carbon filters on-board, optional external vent connection

User interface

Display & Keyboard	LCD display, Control panel
Connectivity	Slide barcode reader (optional), possibility to connect with LIS

Certifications

Regulatory status	(EU) 2017/746 CE IVD, Class A device
Conformity	2011/65/EU (EU) 2015/863 EN IEC 63000:2018

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