

Experience fast  
on-demand or batch  
cassette printing  
in any color

**Tissue-Tek® SmartWrite®**  
Cassette Printers



continuous innovation for pathology





# The SMART system solution for cassette printing

Increase efficiency for your laboratory while reducing the risk of misidentification of specimens with the Tissue-Tek® SmartWrite® Cassette Printers.

SmartWrite Printers feature thermal transfer printing technology that is noise, fume and UV cure-free. Print quality is crisp, permanent and resistant to histological chemicals. Its reliable robotic cassette feed enables cassette printing every 7.5 seconds.

These printers also enable 300dpi high-resolution and high-content 1D and 2D barcodes, alpha numeric, graphic and logo printing. The Tissue-Tek® SmartWrite® Software and drivers provide a single SMART solution for template design, printer management and LIS integration.

The Tissue-Tek SmartWrite Cassette Printers have been optimized and validated for black or color printing on Tissue-Tek® Uni-Cassette®, Histo-Tek® Cassettes with Lid Attached, and Tissue-Tek® Paraform® Frames, creating a turn-key system for the best printing results.



## Tissue-Tek® SmartWrite® Cassette Printers are available in two SMART configurations

The Tissue-Tek SmartWrite Cassette Printer with AutoLoader can be conveniently placed next to the grossing station.

The Tissue-Tek SmartWrite Cassette Printer (Manual feed) has a small footprint enabling placement within the grossing station.





# Flexible, convenient and optimized cassette printing system



## AutoLoader with a 4 hopper design for maximum flexibility

In addition to the 4 hoppers on the AutoLoader, 5 extra hoppers are provided so users can pre-load the hoppers with different cassettes types or colors for more efficient workflow.



## Easy loading of hoppers

Taped stacked Tissue-Tek® cassettes are easily loaded into individual hoppers. The quantity and color of cassettes remaining is clearly visible through the front of the back lit clear hoppers.



## Fast batch printing with cassette tray extensions

The SmartWrite Cassette Printer can print up to 8 cassettes per minute. The printer can hold up to 7 printed cassettes. An extra ten cassettes can be unloaded onto the external cassette tray extension (one cassette tray extension included).



## Full line of optimized and validated cassettes

The Tissue-Tek SmartWrite Cassette printers are optimized for Tissue-Tek® Uni-Cassette® (Standard and Biopsy Cassettes), Histo-Tek® Cassettes with Lid Attached (Standard and Biopsy) and Tissue-Tek® Paraform® Frames available in 12 colors.



## Black or color print option; with easy cartridge replacement

Black or color print ribbon cartridges allows up to 4,300 prints (black) or 1,000 prints (color). Print ribbon cartridges are easily replaced in seconds.



## User-defined templates and LIS integration

Tissue-Tek® SmartWrite® Software provides a solution for customized template design, printer management and LIS integration. Users can quickly adhere to CAP & NSH guidelines<sup>1</sup> and design and manage custom cassette print templates, create 1D and 2D barcodes, graphics and logos and interface with up to 5 Tissue-Tek SmartWrite Printers.

1. Uniform Labeling of Blocks and Slides in Surgical Pathology Guideline From the College of American Pathologists. Pathology and Laboratory Quality Center and the National Society for Histotechnology. Richard W. Brown; Vincent Della Speranza; Janice O. Alvarez; Richard N. Eisen; David P. Frishberg; Juan Rosai; Jerry Santiago; Janet Tunnicliffe; Carol Colasacco; Christina Lacchetti; Nicole E. Thomas: Arch Pathol Lab Med-Vol 139, 1515-1524, December 2015. [www.archivesofpathology.org/doi/pdf/10.5858/arpa.2014-0340-SA](http://www.archivesofpathology.org/doi/pdf/10.5858/arpa.2014-0340-SA)

# Specifications

Product name	Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader	Tissue-Tek® SmartWrite® Cassette Printer (manual feed)
Product code	9020	9022
Cassette printer speed	Up to 8 cassettes/minute (black) Up to 5 cassettes/minute (solid colors)	6 seconds per cassette
Resolution	300 dpi	300 dpi
Ink type	Resin thermal transfer (ribbon)	Resin thermal transfer (ribbon)
Printable colors	8 solid colors and unlimited mixed color options	8 solid colors and unlimited mixed color options
Print options	Alphanumeric, 1D and 2D barcodes, graphics and logos	Alphanumeric, 1D and 2D barcodes, graphics and logos
Cassette capacity per hopper/ 4x	40 Tissue-Tek® Uni-Cassettes® / Tissue-Tek® Paraform® (total 160)	NA
Cassette loading	Robotic	Manual feed
Output tray capacity	7 cassettes (17 cassettes with cassette tray extension)	1 cassette
Cassette hoppers	9 clear hoppers for cassettes with and without lids	NA
Print cartridge and print quantity	Black ribbon cartridge: 4,300 cassettes Color ribbon cartridge: CMYK 1,000 cassettes	Black ribbon cartridge: 4,300 cassettes Color ribbon cartridge: CMYK 1,000 cassettes
Printer drivers	Microsoft® Windows® 10/8/7/Windows Vista®/XP	Microsoft® Windows® 10/8/7/Windows Vista®/XP
Data interface	USB 2.0	USB 2.0
Dimensions	19.3 (W) x 12.0 (D) x 25.9 (H) inches 49 (W) x 35.5 (D) x 65.8 (H) cm	9.6 (W) x 8.8 (D) x 12.4 (H) inches 24.4 (W) x 22.4 (D) x 31.4 (H) cm
Weight	74 lbs (33.6 kg)	20 lbs (9.1 kg)
Power requirements	100-240 VAC, 50/60 Hz, 60 Watts	100-240 VAC, 50/60 Hz, 60 Watts
Certifications	UL 60950-1, CAN/CSA C22.2 No. 60950-1-07	UL 60950-1, CAN/CSA C22.2 No. 60950-1-07

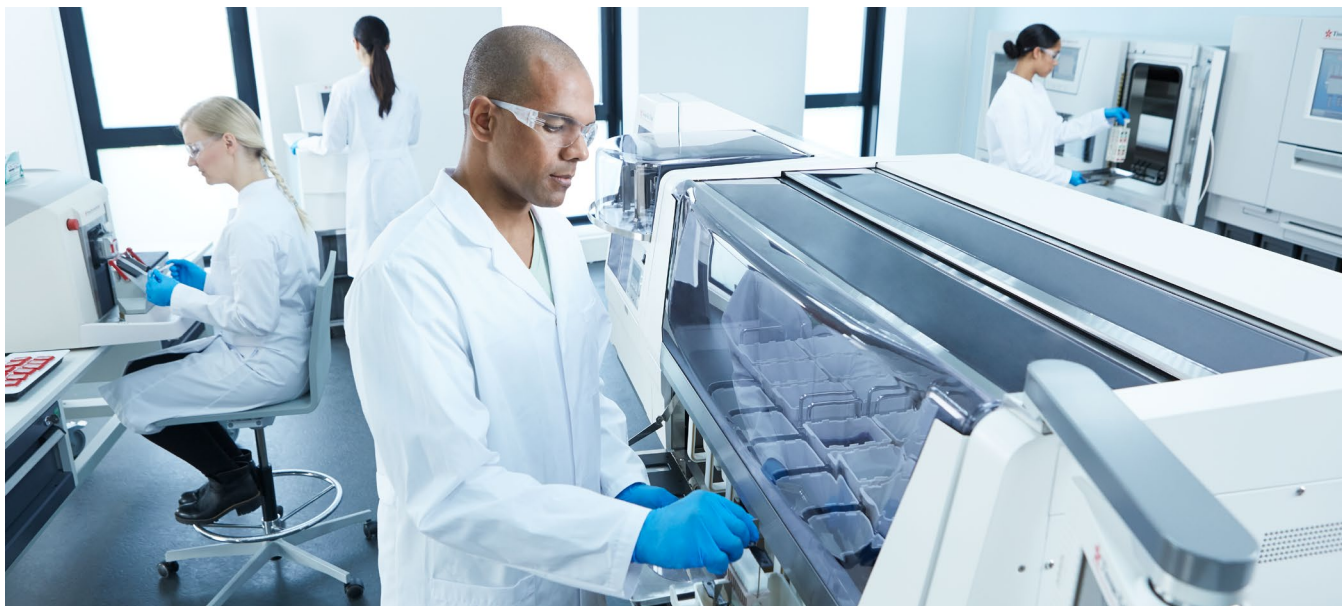
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# Accessories

Product code	Product code and quantity
9025	Tissue-Tek® SmartWrite® Software
9026	Tissue-Tek® SmartWrite® Control PC with Touchscreen
9024	Tissue-Tek® SmartWrite® 1D and 2D Barcode Scanner and Stand
9040	Tissue-Tek® SmartWrite® Cassette Hoppers; 5/case
9041	Tissue-Tek® SmartWrite® Cassette Tray Extension; 1 unit
9030	Tissue-Tek® SmartWrite® Slide and Cassette Print Cartridge, Black; 6/case
9038	Tissue-Tek® SmartWrite® Cassette Print Cartridge, Color; 6/case
9032	Tissue-Tek® SmartWrite® Print Head Cleaning Pens; 5/case

# Consumables

Tissue-Tek® SmartWrite® Cassette Printer with AutoLoader	Tissue-Tek® SmartWrite® Cassette Printer (manual feed)
Tissue-Tek® Uni-Cassette® Standard and Biopsy Stacked Cassettes	Tissue-Tek® Uni-Cassette® Standard and Biopsy Cassettes
Tissue-Tek® Paraform® Stacked Frames	Histo-Tek® Standard and Biopsy Cassettes with Lids Attached
	Tissue-Tek® Paraform® Frames



## 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](http://www.sakuraus.com)

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

