

DUAL-SLOT THERMAL SLIDE PRINTER



Dual-Slot Thermal Slide Printer - ToronPath™ SP-260

ToronPath™ SP-260 is a compact, dual-technology slide printer designed for clinical and pathology laboratories that demand versatility, space efficiency, and reliable slide identification. The ToronPath™ SP-260 utilizes thermal transfer printing technology, while the ToronPath™ SP-260i employs infrared laser printing — both delivering high-quality, corrosion-resistant output suitable for long-term slide preservation.

With a slim instrument width of ≤ 110 mm, this slide printer is ideal for laboratories with limited bench space. Its dual-slot loading mechanism accommodates two different slide types simultaneously, and free drag-and-drop layout editing provides maximum flexibility in slide printing area design. The ToronPath™ SP-260 supports USB, Wi-Fi, Ethernet, and serial port connectivity, integrating seamlessly with LIS, HIS, PIS, and PACS systems.

APPLICATIONS

Dual-Slot Thermal Slide Printer - ToronPath™ SP-260 Applications

The ToronPath™ SP-260 is designed for use in:

- Clinical and hospital pathology laboratories requiring compact slide printing solutions
- Histopathology and surgical pathology departments needing dual slide-type compatibility
- Laboratories with limited bench space requiring a slim-profile slide printer
- Facilities utilizing wireless (Wi-Fi) or wired LIS/HIS/PACS integration
- Research environments requiring flexible, drag-and-drop slide label design
- Departments with high throughput needs using large-capacity loading (≥ 260 slides)



FEATURES

Dual-Slot Thermal Slide Printer - ToronPath™ SP-260 Key Features

- Dual printing technology: ToronPath™ SP-260 uses thermal transfer printing; ToronPath™ SP-260i uses infrared laser printing — both producing high-quality, durable output
- Ultra-slim profile: instrument width ≤ 110 mm, significantly reducing bench space requirements while maintaining full print functionality
- Dual-slot loading: two independent loading slots accommodate two different slide types simultaneously, improving operational efficiency
- Priority printing: urgent slides can be loaded at the front of the queue for immediate printing without interrupting the current batch
- Free drag-and-drop slide layout editing: operators can position and arrange print content anywhere within the slide printing area, with support for multiple saved templates
- High loading capacity: accommodates ≥ 260 slides per load, enabling extended unattended operation
- Output collection capacity: single slide or batches of more than 20 slides
- Chemical resistance: printed markings withstand xylene and alcohol exposure, enabling long-term slide preservation
- 7-inch capacitive touchscreen: clear, responsive interface for easy operator navigation
- Clearly prints characters, letters, symbols, barcodes, and other identification information
- Multi-channel connectivity: USB, Wi-Fi, Ethernet, and serial port for flexible system integration
- LIS/HIS/PIS/PACS compatible: works with commonly used hospital information systems
- Professional slide loading/output device compatible for streamlined automated workflows
- Stylish, compact design suitable for modern laboratory environments

Powerful Functionality

■ Specimen Slide Printing Function

Pre-sealed specimen slides can be printed directly



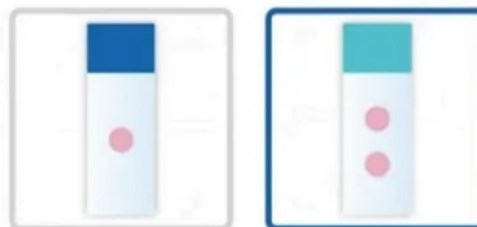
■ Reprint Function

If printing is unclear, slide can be printed again with reprint



■ Double Patients Number Printing Function

It supports two patients numbers in one slide, which meet the needs of information-based end-to-end management



Mini Thermal Printer

High-quality Printing

- Clear, high-contrast prints with 1s scan & recognition
- Supports standard & immunohistochemistry slides
- Capable of printing on various sizes of slides
- Fully compatible in printing on colored slides/tissue cassette, fully compatible



Environmentally Friendly

- Eco-friendly printing, dust & chemical odor-free
- Low noise for a comfortable working environment
- Advanced tech & materials for energy saving & emission reduction



Information Technology

■ Data Transmission

- Wi-Fi, USB, Bluetooth, Ethernet, Serial Interface, etc.

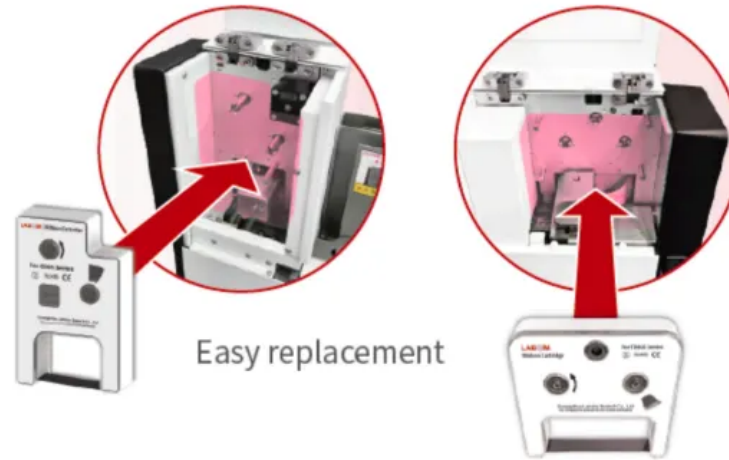
■ Diverse Information Transmission Capabilities

- Supports transmission protocols such as LIS/HIS/PIS/PACS
- Supports custom proprietary protocols



3-Second Ribbon Replacement

- Modular ribbon cartridge design
- 3-second rapid ribbon replacement



Smart & Small

- Width $\leq 110\text{mm}$

— Intelligent —



①

Printer Owns Built-in Scanning Module

Scanning module
controlky software



②

Innovative LED Strip Design

- Green** Normal operating status
- Yellow** Consumable is low supply (glass slide, carbon ribbon, etc.)
- Red** Warning

THEORY & METHOD

Theory and Method

The ToronPath™ SP-260 employs thermal transfer printing technology, which uses a heated print head to transfer ink from a ribbon onto the slide surface. This process is clean, dust-free, and produces no harmful gases, making it well-suited for enclosed laboratory environments. The ToronPath™ SP-260i variant uses infrared laser printing, directing a focused infrared laser beam to permanently mark the slide surface without physical contact.

Both technologies produce output that is resistant to xylene and alcohol exposure, ensuring specimen label integrity through the full staining and processing workflow. The 7-inch capacitive touchscreen and drag-and-drop template editor allow operators to design and modify slide print layouts quickly, with support for multiple saved templates. The dual-slot design allows two different slide types to be loaded at once, and priority printing enables urgent slides to be inserted at the front of the queue without disrupting ongoing print jobs.

TECHNICAL SPECIFICATIONS

Dual-Slot Thermal Slide Printer - ToronPath™ SP-260 Technical Specifications

Model Variants	ToronPath™ SP-260	ToronPath™ SP-260i
Printing Technology	Thermal Transfer Printing	Infrared Laser Printing
Printing Resolution	300 dpi (Thermal)	2500 dpi (Infrared Laser)
Print Speed	≤ 3 seconds per slide	
Loading Capacity	≥ 260 slides	
Output Collection Capacity	Single pcs or more than 20 pcs	
Data Transmission	USB, Wi-Fi, Ethernet, Serial Port	
Display	7-inch Capacitive Touchscreen	
Instrument Width	≤ 110 mm	
Loading Slots	Dual Slot (two different slide types simultaneously)	
Priority Printing	Supported (front-load for urgent slides)	

Model Variants	ToronPath™ SP-260	ToronPath™ SP-260i
Layout Editing	Free Drag-and-Drop, Multiple Templates	
System Compatibility	LIS / HIS / PIS / PACS	
Chemical Resistance	Xylene, Alcohol	
Dimensions (W × D × H)	110 mm × 300 mm × 309 mm	110 mm × 380 mm × 309 mm



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