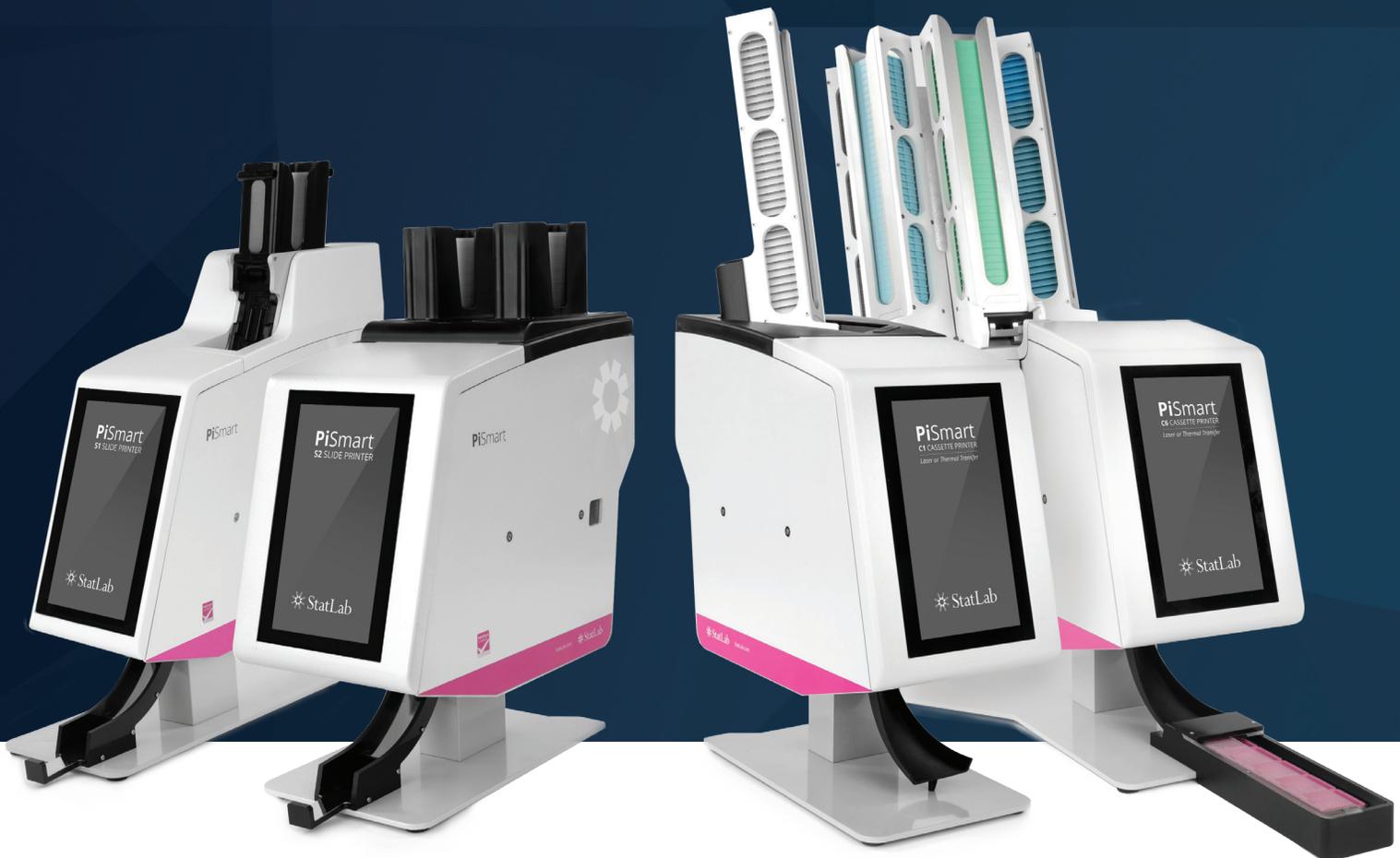




# Fast. Simple. *Reliable.*

Increase laboratory automation,  
maximize throughput, and reduce errors  
with PiSmart cassette and slide printers.





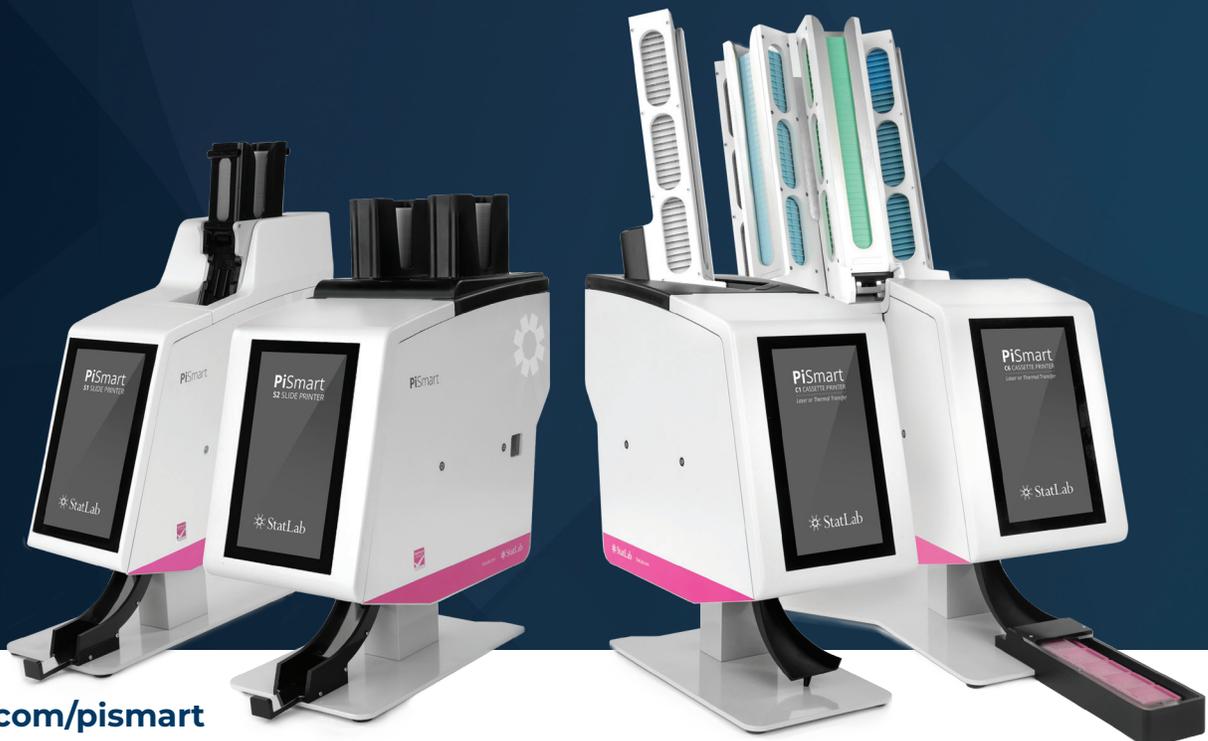
# Consider it guaranteed Peace of Mind.

Because your partner of choice for labeling and tracking should empower you to spend your time meeting patient needs.

## What's included when you choose PiSmart?

- ✓ Four years of StatSwap service coverage (See page 12)
- ✓ Lifetime printhead guarantee<sup>1</sup>
- ✓ Guaranteed LIS compatibility
- ✓ Guaranteed validated consumables
- ✓ Included PathSmart tracking system hub module
- ✓ Ten ribbons for thermal transfer printers

The only thing required from you is to utilize StatLab validated cassettes and slides on your PiSmart printers by purchasing directly through StatLab or one of our authorized distribution partners<sup>3</sup>.



# Why choose PiSmart?

PiSmart on-demand slide and cassette printers work as hard as you do to keep patient samples safe and clearly labeled.

An easy-to-use, shared interface makes them ideal to use together in the lab. And excellent connectivity options and simple LIS configuration means they're IT-friendly.

## Fast, Small, and Simple

Slides print in 3–5 seconds, cassettes in 5 seconds

Integrated label designer; no additional software needed

Small footprint is ideal for on-demand printing where space is limited

## Built-in Tools for Accuracy and Workflow Automation

User login and tracking creates traceability for root cause analysis

Intelligent slide and cassette selection prints the right type and number of slides or cassettes based on the protocol selected for each tissue type

Included PathSmart tracking solution connects printers to a hub and delivers reporting data to help close gaps in chain of custody

Integrated scanners allow scanning from a request form or sample barcode

## Easy LIS Integration and Flexible Connectivity

Connects to any available on-market LIS, guaranteed

Multiple configurations available depending on planned use in your lab

Supported integration by trained, experienced Service and Support Team

## Proven Results

**99.84%**  
Jam-Free Printing<sup>2</sup>

**100%**  
Barcode Scan Rate<sup>2</sup>

## Unrivaled Experience

StatLab printer-related patents include, but are not limited to:

- ✓ US patent 11794190
- ✓ US patent 8651045
- ✓ US patent 9864888
- ✓ US patent 9636929
- ✓ US patent 10118776

## The PiSmart Printer Portfolio

### PiSmart Thermal Transfer

One Hopper Cassette Printer  
Six Hopper Cassette Printer  
S1 Single Hopper Slide Printer  
S2 Double Hopper Slide Printer

### PiSmart Laser

One Hopper Cassette Printer  
Six Hopper Cassette Printer





# It's just smart.

Small footprint allows the printer to sit on the grossing bench

Fast, 3-5 second printing time

Superior print quality supports up to 200 characters

Reliable operation reduces potential downtime

Simple LIS connectivity allows labs to use existing interfaces

No separate computer or middleware software needed

Avoid risks associated with batch printing by using the small, efficient on-demand **PiSmart** cassette printer.

	PISMART THERMAL CASSETTE PRINTERS	PISMART LASER CASSETTE PRINTERS
<b>PRINTER ITEM NUMBERS</b>	PISMART6HOPPER-PSPKIT PISMART1HOPPER-PSPKIT	PISMART-CL6HOPPER-PSPKIT PISMART-CL1HOPPER-PSPKIT
<b>DIMENSIONS (WXLXH)</b>	Six Hopper, 22.6 x 11 x 15 in (263 x 441 x 577 mm) Single Hopper, 6.3 x 12.7 x 22.7 in (160 x 323 x 577 mm)	Six Hopper, 22.6 x 11 x 15 in (263 x 441 x 577 mm) Single Hopper, 6.3 x 12.7 x 22.7 in (160 x 323 x 577 mm)
<b>WEIGHT</b>	Six Hopper, 21 lbs Single Hopper, 15 lbs	Six Hopper, 24 lbs Single Hopper, 17 lbs
<b>MEDIA TYPE &amp; COLOR</b>	Thermal Transfer Ribbon, ~12,000 prints/roll	Laser, no ribbon needed
<b>CASSETTE CAPACITY</b>	Six Hopper, 240; Single Hopper, 40	Six Hopper, 240; Single Hopper, 40
<b>RESOLUTION</b>	300 dpi	600 dpi
<b>BARCODE</b>	1D and 2D barcode capable	1D and 2D barcode capable
<b>BARCODE CAPACITY</b>	Up to 100 characters	Up to 200 characters
<b>CONNECTIVITY</b>	2 x USB A, 1 x USB B and ethernet CAT5	2 x USB A, 1 x USB B and ethernet CAT5

## PathSmart™ Innovative Tracking Solution



Control all of your PiSmart equipment while connecting your processes with the PathSmart tracking solution, transforming your lab to be faster, smarter, and more connected. Designed to close gaps in information, delivering additional information to support chain of custody for samples, the PathSmart hub also links all PiSmart printers to one computer in the lab, syncing user management, templates, software updates and more.



Fully Integrated Barcode Scanner eliminates the need for an external scanner.



Laser print quality delivers a durable, high-contrast print formulated to withstand decalcifiers, which are a threat to standard laser printing.



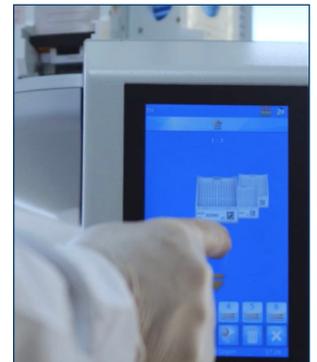
Thermal transfer print quality delivers a durable, high-contrast print, protected during dewaxing by pips on the corners of the cassettes.

### High Resolution Touch Screen Monitor

A high-resolution touch screen display with an intuitive menu structure makes the printer easy to learn and use.

### Label Design Solutions

Built-in label design software allows for easy development and customization of the cassette label's sample information—without the need for additional label software or a separate computer. This includes text, linear barcodes, and 2D barcodes. Simply scan a prefill or requisition barcode or send a text file from the LIS system and the printer does the rest, designing and printing the cassette with unique information to properly identify patient samples. Tech initials can be added to the templates for additional traceability and root cause analysis.



### Fully Integrated Barcode Scanner

A fully integrated barcode scanner automates data entry; a simple scan can log users in and out of the system or create a new cassette label for printing.

### Convenient Cassette Dispenser

Printed cassettes are dispensed via a chute that provides quick retrieval of the cassette. Optional cassette collection systems are available in multiple configurations.

### Small Footprint

The small size of the printer allows it to sit on the grossing bench next to the microtome and water bath. This increases efficiency and accuracy through on-demand printing.

### Flexible Solutions for On-Demand Use

Designed for on-demand printing, PiSmart Single Hopper users can quickly swap hoppers or manually drop in a different cassette.



# Everything you'll need.

Validated for use with the PiSmart Cassette Printer and manufactured by StatLab, the proprietary design of PiSmart Cassettes ensures print integrity is retained through the entire workflow.

PiSmart Cassettes are engineered specifically for use on the PiSmart printer, utilizing a patented feature to protect the printed surface during dewaxing, while still enabling the surface to be cleared of wax. A cardboard support thread enables users to quickly load all or part of the stack of cassettes into the hopper. Laser cassettes are engineered for a high-contrast print while preventing any loss of data during decalcification.



## PISMART EMBEDDING CASSETTES, 2000 PER CASE/2 BOXES OF 1000, THREADED IN STRIPS OF OF 40

Color	Thermal, Lids Separate	Laser, Lids Separate	Thermal, Lids Attached	Laser, Lids Attached
White	CAS-PI100SL-WH	CAS-LPI100SL-WH	CAS-PI200SL-WH	CAS-LPI200SL-WH
Green	CAS-PI100SL-GR	CAS-LPI100SL-GR	CAS-PI200SL-GR	CAS-LPI200SL-GR
Gray	CAS-PI100SL-GY	CAS-LPI100SL-GY	CAS-PI200SL-GY	CAS-LPI200SL-GY
Blue	CAS-PI100SL-BL	CAS-LPI100SL-BL	CAS-PI200SL-BL	CAS-LPI200SL-BL
Orange	CAS-PI100SL-OR	CAS-LPI100SL-OR	CAS-PI200SL-OR	CAS-LPI200SL-OR
Pink	CAS-PI100SL-PK	CAS-LPI100SL-PK	CAS-PI200SL-PK	CAS-LPI200SL-PK
Yellow	CAS-PI100SL-YL	CAS-LPI100SL-YL	CAS-PI200SL-YL	CAS-LPI200SL-YL
Tan	CAS-PI100SL-TN	CAS-LPI100SL-TN	CAS-PI200SL-TN	CAS-LPI200SL-TN
Lavender	CAS-PI100SL-LV	CAS-LPI100SL-LV	CAS-PI200SL-LV	CAS-LPI200SL-LV



## PISMART BIOPSY CASSETTES, 2000 PER CASE/2 BOXES OF 1000, THREADED IN STRIPS OF OF 40

Color	Thermal, Lids Separate	Laser, Lids Separate	Thermal, Lids Attached	Laser, Lids Attached
White	CAS-PI100BX-WH	CAS-LPI100BX-WH	CAS-PI200BX-WH	CAS-LPI200BX-WH
Green	CAS-PI100BX-GR	CAS-LPI100BX-GR	CAS-PI200BX-GR	CAS-LPI200BX-GR
Gray	CAS-PI100BX-GY	CAS-LPI100BX-GY	CAS-PI200BX-GY	CAS-LPI200BX-GY
Blue	CAS-PI100BX-BL	CAS-LPI100BX-BL	CAS-PI200BX-BL	CAS-LPI200BX-BL
Orange	CAS-PI100BX-OR	CAS-LPI100BX-OR	CAS-PI200BX-OR	CAS-LPI200BX-OR
Pink	CAS-PI100BX-PK	CAS-LPI100BX-PK	CAS-PI200BX-PK	CAS-LPI200BX-PK
Yellow	CAS-PI100BX-YL	CAS-LPI100BX-YL	CAS-PI200BX-YL	CAS-LPI200BX-YL
Tan	CAS-PI100BX-TN	CAS-LPI100BX-TN	CAS-PI200BX-TN	CAS-LPI200BX-TN
Lavender	CAS-PI100BX-LV	CAS-LPI100BX-LV	CAS-PI200BX-LV	CAS-LPI200BX-LV



## PISMART MICROBIOPSY CASSETTES, 2000 PER CASE/2 BOXES OF 1000, THREADED IN STRIPS OF OF 40

Color	Thermal, Lids Separate	Laser, Lids Separate	Thermal, Lids Attached	Laser, Lids Attached
White	CAS-PI100MBX-WH	CAS-LPI100MBX-WH	CAS-PI200MBX-WH	CAS-LPI200MBX-WH
Green	CAS-PI100MBX-GR	CAS-LPI100MBX-GR	CAS-PI200MBX-GR	CAS-LPI200MBX-GR
Gray	CAS-PI100MBX-GY	CAS-LPI100MBX-GY	CAS-PI200MBX-GY	CAS-LPI200MBX-GY
Blue	CAS-PI100MBX-BL	CAS-LPI100MBX-BL	CAS-PI200MBX-BL	CAS-LPI200MBX-BL
Orange	CAS-PI100MBX-OR	CAS-LPI100MBX-OR	CAS-PI200MBX-OR	CAS-LPI200MBX-OR
Pink	CAS-PI100MBX-PK	CAS-LPI100MBX-PK	CAS-PI200MBX-PK	CAS-LPI200MBX-PK
Yellow	CAS-PI100MBX-YL	CAS-LPI100MBX-YL	CAS-PI200MBX-YL	CAS-LPI200MBX-YL
Tan	CAS-PI100MBX-TN	CAS-LPI100MBX-TN	CAS-PI200MBX-TN	CAS-LPI200MBX-TN
Lavender	CAS-PI100MBX-LV	CAS-LPI100MBX-LV	CAS-PI200MBX-LV	CAS-LPI200MBX-LV



# Accessories

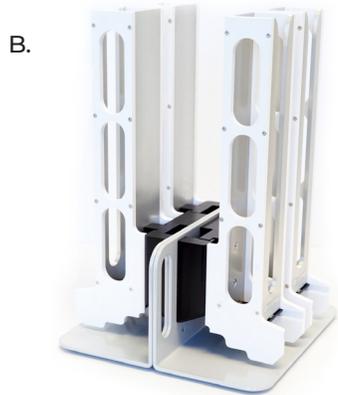
Additional hoppers and stands provide ultimate flexibility for the single hopper printer to be used with multiple colors and styles of cassettes.

## PiSmart Cassette Printer Accessories

A. On-Printer Hopper Rack (holds 2 hoppers not included)	P52002-E
B. Hopper Stand (holds 4 hoppers not included)	P52004-E
C. Additional Hopper (Each)	P52001-E
D. Cassette Collection Tray (included with each printer purchase)	P52003-E
E. Thermal Transfer Ribbon (Each)	P21021-E
F. Cassette Collection System Ramp & 5 Chutes (up to 75 Cassettes)	JAP-2001-00A



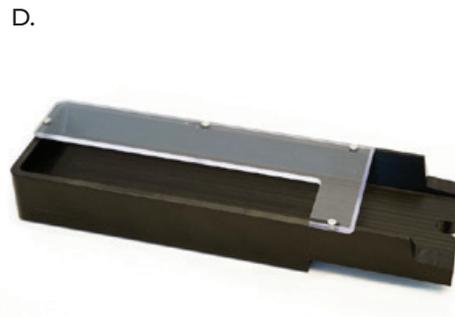
A.



B.



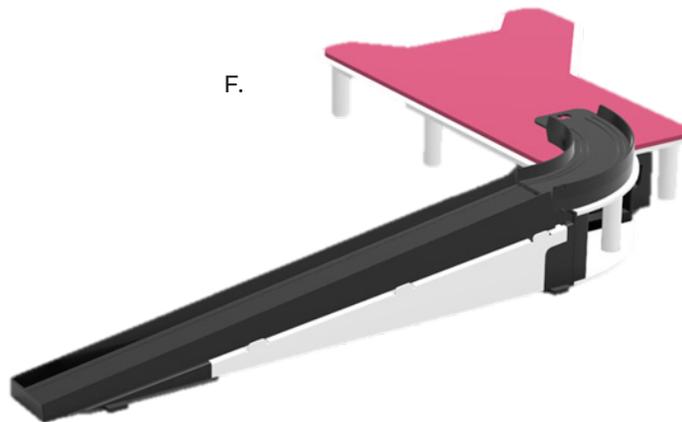
C.



D.



E.



F.



# It's just smart.

Small footprint allows the printer to sit next to the microtome

Fast, 3-5 second printing time

Superior print quality produces dark, durable print with excellent contrast

Reliable operation reduces potential downtime

Simple LIS connectivity allows labs to use existing interfaces

Fast switching between hoppers

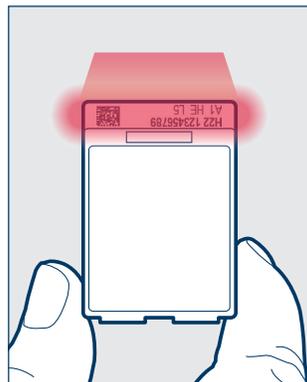
Avoid risks associated with batch printing by using the small, efficient on-demand **PiSmart Slide printer.**

	PISMART S1 SLIDE PRINTER	PISMART S2 SLIDE PRINTER
<b>PRINTER ITEM NUMBERS</b>	PISMART-S1-PSPKIT	PISMART-S2-PSPKIT
<b>DIMENSIONS (WXLXH)</b>	5.5 x 14.3 x 18.3 in (140 x 364 x 466 mm)	6.3 x 13 x 16 in (160 x 332 x 407 mm)
<b>WEIGHT</b>	14 lbs	16 bs
<b>MEDIA TYPE &amp; COLOR</b>	Thermal Transfer Ribbon, ~12,000 prints/roll	Thermal Transfer Ribbon, ~12,000 prints/roll
<b>SLIDE CAPACITY</b>	72 slides	144 slides
<b>SLIDE TOLERANCES</b>	76 – 76.2mm x 25.55 – 26mm x 1 – 1.20mm	76 – 76.2mm x 25.55 – 26mm x 1 – 1.20mm
<b>RESOLUTION</b>	300 dpi	300 dpi
<b>BARCODE</b>	1D and 2D barcode capable	1D and 2D barcode capable
<b>BARCODE CAPACITY</b>	Up to 100 characters	Up to 100 characters
<b>CONNECTIVITY</b>	76 – 76.2mm x 25.55 – 26mm x 1 – 1.20mm	76 – 76.2mm x 25.55 – 26mm x 1 – 1.20mm

## PathSmart™ Innovative Tracking Solution



Control all of your PiSmart equipment while connecting your processes with the PathSmart tracking solution, transforming your lab to be faster, smarter, and more connected. Designed to close gaps in information, delivering additional information to support chain of custody for samples, the PathSmart hub also links all PiSmart printers to one computer in the lab, syncing user management, templates, software updates and more.



Fully Integrated Barcode Scanner, means there is no need for an external scanner.



Excellent Print Quality - the durable dark print provides excellent contrast and ensures near-perfect scan rates.

### High Resolution Touch Screen Monitor

A high-resolution touch screen display with an intuitive menu structure makes the printer easy to learn and use.

### Label Design Solutions

Built-in label design software allows for easy development and customization of the cassette label's sample information. This includes text, linear barcodes, and 2D barcodes. Simply scan a cassette barcode or send a text file from the LIS system and the printer does the rest, designing and printing the slide with unique information to properly identify patient samples. The incorporated label designer eliminates the need for additional label software or a separate computer.



### Fully Integrated Barcode Scanner

A fully integrated barcode scanner automates data entry; a simple scan can log users in and out of the system or create a new slide label for printing.

### Convenient Slide Dispenser

When slides have been printed, they are dispensed via a chute that provides quick retrieval of the slide. Additional collection systems available for up to 72 slides.

### Small Footprint

The small size of the printer allows it to sit on the grossing bench next to the microtome and water bath. This increases efficiency and accuracy through on-demand printing.

# Everything you'll need.

Validated for use with the PiSmart Slide Printer, this portfolio of slides meets all your testing needs while delivering a smooth surface that is ideal for thermal transfer printing.

## KT PREMIUM SLIDES, SOLD BY CASE (144 SLIDES PER GROSS, 10 GROSS PER CASE), 90° CORNERS

Color	KT1 Non-Adhesion	KT3+ Standard Adhesion	KT5+ Advanced Adhesion
White	KT1-WH-90	KT3+-WH-90	KT5+-WH-90
Green	KT1-GR-90	KT3+-GR-90	KT5+-GR-90
Gray	KT1-GY-90	KT3+-GY-90	KT5+-GY-90
Blue	KT1-BL-90	KT3+-BL-90	KT5+-BL-90
Orange	KT1-OR-90	KT3+-OR-90	KT5+-OR-90
Pink	KT1-PK-90	KT3+-PK-90	KT5+-PK-90
Yellow	KT1-YL-90	KT3+-YL-90	KT5+-YL-90
Tan	KT1-TN-90	KT3+-TN-90	KT5+-TN-90
Lavender	KT1-LV-90	KT3+-LV-90	KT5+-LV-90

Also available in clipped corners.

## MILLENNIA SLIDES, SOLD BY BOX OF 100, 90° CORNERS

Color	Millennia Non-Adhesion	Millennia Command Adhesion	Millennia 1000 Adhesion
White	M8000W/90	MCOMM/W/90	M1000W/90
Green	M8000G/90	MCOMM/G/9	M1000G/90
Blue	M8000B/90	MCOMM/B/9	M1000B/90
Pink	M8000P/90	MCOMM/P/9	M1000P/90
Yellow	M8000Y/90	MCOMM/Y/9	M1000Y/90
Tan		MCOMM/T/90	
Lilac		MCOMM/L/90	

Millennia Non-Adhesion and 1000 available in clipped corners.

## COLORVIEW SLIDES, SOLD BY GROSS (144 SLIDES PER GROSS)

Color	Non-Adhesion, 90°	Adhesion, 90°	TOMO SLIDES, SOLD BY BOX OF 100
White	315/90	315+/90	TOMO Adhesion, Clipped M5000W
Green	315G/90	315+G/90	M5000G
Blue	315B/90	315+B/90	M5000B
Orange	315O/90	315+O/90	M5000P
Pink	315P/90	315+P/90	
Yellow	315Y/90	315+Y/90	M5000Y
Lavender	315L/90	315+L/90	

ColorView also available in clipped corners.

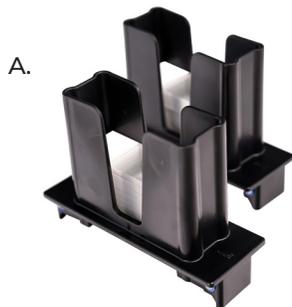


## Slide Portfolio Comparison Chart

Class	Adhesion	Family	Waterbath	H&E / SS	H&E	SS	IHC			ISH
							Background	Easy	Med.	
Premium European	Adhesion	KT5+	Hybrid	None	✓	✓	✓	✓	✓	✓
	Adhesion	KT3+	Hydrophobic	Some	✓	✓	✓	✓		
	Non-adhesion	KT1	Hydrophobic	Some	✓	✓				
	Adhesion	Millennia 1000	Hydrophobic	None	✓	✓	✓	✓		
	Adhesion	Millennia Command	Hybrid	Some	✓	✓	✓	✓		
	Adhesion	TOMO	Hydrophilic	Moderate				✓	✓	✓
	Non-adhesion	Millennia NonAdhesion	Hydrophobic	Some	✓	✓				
Economy Green	Adhesion	Colorview+	Hydrophobic	None	✓	✓	✓			
	Non-Adhesion	Colorview	Hydrophobic	None	✓	✓				

## PiSmart Slide Printer Accessories

A. Additional S2 Hopper (Each)	PISMART-S2HOPPER
Additional S1 Hopper (Each)	PISMART-S1HOPPER
B. Thermal Transfer Ribbon (Each)	P21021-E
C. Pelican Beak Slide Collection System with Stand & Hopper (Holds up to 72 slides)	JAG-1500-00A
D. Slide Printer Additional Stand (Each)	JAG-1500-00C
E. Pelican Peak Collection Additional Hopper (Holds up to 72 slides)	JAG-1500-00B
F. Baby Pelican Beak Slide Collection Additional Hopper (Holds up to 18 slides)	JAG-1501-00A



D.

# Service and support.

Keep your PiSmart printer protected and your lab running smoothly with StatSwap, included for four years with every printer purchase when ongoing slides or cassettes are included.

## Designed to reduce downtime for busy labs

Once you're covered under StatSwap, you can rest easy if you need help with your printer. You have access to phone support and virtual troubleshooting, and if the problem persists, StatLab will send you a loaner unit overnight to ensure your downtime is kept to a minimum while your printer is returned to StatLab for maintenance.

## Flexible access depending on your preferences

Whether you need a video call for in-depth troubleshooting or have a simple question for an expert, you have access to a team of specialists who can help with anything from settings adjustments to routine maintenance and troubleshooting.

## At your service

The StatLab Equipment Service and Support team ensures your printers run smoothly with as little downtime as possible. This is the team who helps you integrate and install your printers, as well as support any setting changes or troubleshooting you might need post-install. We're on your team.

**50+ years of experience.** You have access to experts with decades of hands-on experience and a deep understanding of laboratory workflow, labeling and tracking solutions, and connectivity options in a variety of environments.

**Trained by the experts.** Every StatLab Service and Support team member is trained by the team who designed the products.

**Nationwide support.** No matter where you are, you have assistance a call or click away. StatLab Application Specialists are ready to address your inquiries, resolve issues, and provide solutions. Benefit from the convenience of effective support in your time zone to meet your needs.

**Dedicated to patient care.** Everything we do at StatLab is to empower you to provide the best possible patient care. We understand the importance of receiving an accurate and timely diagnosis, and we're on your team to ensure your lab experiences as little downtime as possible so you can spend your time on patient care, not printer care.



## Email Support

Remote troubleshooting provides solutions to common problems.



## Service Desk

Quick virtual help via phone or screenshare with a StatLab technician.



## StatSwap

Receive a loaner PiSmart to replace your PiSmart if needed after virtual troubleshooting.

## High Quality StatLab Manufacturing

Expert, innovative development paired with high quality components and assembly deliver reliable, consistent products that we proudly stand behind.

All PiSmart printers are manufactured in a StatLab ISO-9001 certified facility in Polegate, England.

## Contact StatLab Equipment Service and Support

- ✓ 1-855-STAT-HELP
- ✓ EquipmentSupport@StatLab.com



1. Lifetime defined as 5 years

2. StatLab In-house Verification and Validation Study. StatLab internal testing between KT™ Slides and the PiSmart Slide printer. (2024). Highest Quality Slide Printing Enhances Specimen Identification [White paper].

3. Authorized distribution partners are designated solely by StatLab. For verification, reach out to your StatLab Sales Rep.