



EpreDia Labeling and Tracking Solutions

Enhance Traceability through High Resolution, Reliable Printing





Laser Slide Printer SlideMate™ Laser

Enter a NEW era of precision slide printing using laser technology



Clarity

- High resolution, 600dpi printing
- Laser-optimized slides provide clear and robust printing surface
- Adhesion slides use same technology as Superfrost PLUS™ slides

Consistency

- True on-demand slide barcode printing
- Reliable laser technology may reduce instances of instrument downtime
- No additional consumables required such as ink, bulbs or ribbon

Confidence

- Improved barcode quality can enhance downstream workflow with improved scannability
- LIS connectivity to streamline workflow
- Installation and connectivity support provided by experienced Epredia team

Product Specifications

Ordering Details	Main units (with 2 hoppers, 2 chutes): 8000048
Size (D x W x H) and weight	17.9 x 9.25 x 15.2 in, 45.5 lbs
No. of Hoppers and Capacity	2 hoppers, 72 slides/hopper (144 slides total) plus manual printing functions
No. of Chutes and Capacity	2 chutes, 10 slides/chute (20 slides total), with slides counter to notify when chute is full
Print Speed	up to 15 slides/minute
Barcode Compatibility	Alphanumeric, Code 128, Data Matrix, QR Code
Max Sound Level	55 dBA
Laser Type	Sealed, Low Powered YAG Laser (3W)
Accessories	Additional chutes, hoppers and filters can be purchased
Operating System	Windows 10

SlideMate Laser Slides - Optimized for SlideMate Laser Printer

Tab Color	White	Blue	Green	Pink	Yellow
Non Adhesion	LS-4041I-8524-1	LS-5041I-8524-1	LS-6041I-8524-1	LS-7041I-8524-1	LS-8041I-8524-1
Adhesion	LS-4041IPS8523-1	LS-5041IPS8523-1	LS-6041IPS8523-1	LS-7041IPS8523-1	LS-8041IPS8523-1

Laser Cassette Printers

Vega Laser Cassette Printer
(6 hoppers, total 480 cassettes)

Nova Laser Cassette Printer
(4 hoppers, total 320 cassettes)

Vega Laser Cassette Printer



Nova Laser Cassette Printer

Improve Traceability

- Embed up to 100 characters in 2D barcodes for enhanced sample identification
- High resolution, 600 dpi printing, durable barcodes resist most chemical treatments, including xylene, alcohol, weak acid and formalin, and resistant to physical wear during tissue processing procedure.

Save Time

- Efficient laser printing produces cassettes every five seconds
- Intelligent cassette selection from six-hopper carousel (Vega model)
- Optional accessories such as the cassette sorter and slide delivery system are available to ensure optimal laboratory workflow

Enhance Laboratory Workflow

- Flexible Laboratory Information System (LIS) connectivity through text parser or label image printing
- No additional consumables required such as ink, bulbs or ribbon

Print Safely

- IEC/EN 61010-1:2010 and IEC 60825-1 certification
- Innovative low-power YAG laser activates chemical compound embedded in the cassette to create permanent and indelible marking
- No filter is needed owing to the color change printing mechanism

Specifications

Size (D x W x H), weight

Vega main unit (8000038)

24.4 x 10.2 x 20.5 in, 59.4 lbs

- with Side Delivery System (9001140+8000038): 24.4 x 21 x 25.2 in, 63.1lbs
- with Sorter (8000040): 24.4 x 10.2 x 26 in, 70.4 lbs
- with DUO (8000041): 24.4 x 30 x 24.8 in, 68.2 lbs

Nova main unit (8000039)

20.1 x 7.9 x 20.5 in, 36.3 lbs

- with Side Delivery System (9001150+8000039): 20.1 x 19.9 x 25.2 in, 40 lbs

Throughput

720 cassettes/hour

Configurations

Data Matrix, QR Code, Code 128, Code 39 and others

Character types

Alphanumeric, ASCII codes

Max Sound Level

65dB

Operating Systems

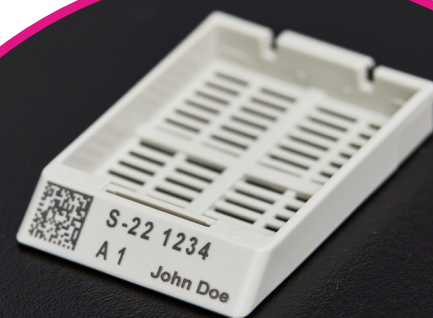
Windows 10

Laser Type

Sealed, Low Powered YAG Laser (3W)

Cassettes

Optimized EpreDia Laser Cassettes

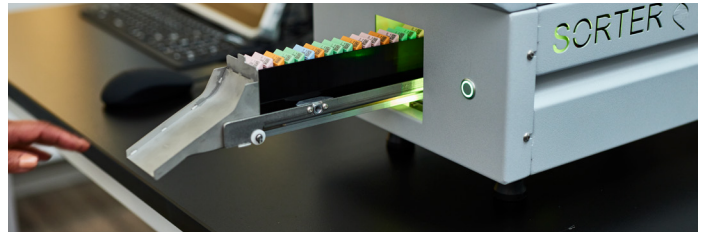


Unique Accessories to Optimize Laboratory Workflow



Duo for Vega (8000043)

- Selectively print cassettes to the left or right when sharing 1 printer between 2 grossing stations.
- Up to 10 cassettes can be printed and held in each DUO tray.
- System pauses when 10 cassettes have been printed until the trays have been exchanged.



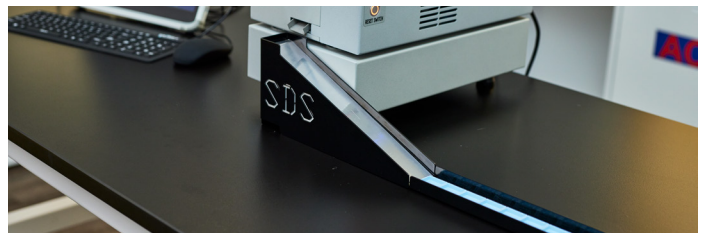
Cassette Sorter for Vega (8000042)

- Batch print cassettes in groups of up to 25.
- Stat cassettes can be printed as priority and dispensed immediately upon request.
- Additional trays can be used as necessary.



Side Delivery System for Vega (9001140)

- Accessory to organize printed cassettes.
- Can connect to the right or left side of the instrument.
- Up to 17 cassettes can be held in the Side Delivery System trays.



Side Delivery System for Nova (9001150)

- Deliver cassettes to the right or left side of the instrument to optimize bench space in the lab.
- Up to 17 cassettes can be held in the Side Delivery System trays.

Increase productivity by factor of 2.4 with laser technology from EpreDia.

Laser Cassette Printing

700+ cassettes per hour ✓

Traditional Cassette Printing

300 per hour ✓

0 100 200 300 400 500 600 700 800

Cassettes printed per hour

Compliance with Laser Safety IEC 60825-1 and Electrical Safety IEC/EN 61010-1



Epreidia is committed to provide the best-in-class solution to our customers by enhancing workflow to achieve comprehensive sample identification under a safe environment.

According to IEC 60825-1:

1. Closed systems must have switch or interlock activated by a key or “emergency” that can completely disable the laser.
2. Systems with removeable panels must have a switch that disables the laser source when the case is removed.
3. All interlocks must be electrically connected in series.

Safety Features

LED MEANING	
	STOP
	RUN
	RESET
	PAUSE
	READY
	ERROR

LED indicator with 6 lights to show the status of printer



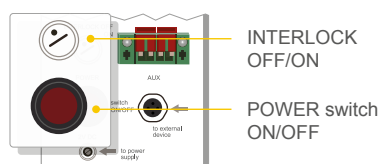
Interlock Circuit is available to shutdown laser once machine cover is opened.



Clear warning labels on the laser unit itself for operators' safety.



Laser Control function in the printing software



Both Vega and Nova Cassette Laser Printers have ON/OFF Switch and Laser Interlock Key for turning on the laser source for operator's safety.

PrintMate AS Cassette Printer

Essential Partner for
Sample Traceability



- Compact footprint allows the printer to fit easily next to the grossing station
- Print only the cassettes needed, right at the point of use
- A variety of configurations are available to fit many laboratory's needs
- PrintMate AS cassette printer can be used for batch printing cassettes with optional automated collection system
- PrintMate cassettes are engineered to optimize print quality when used with PrintMate AS
- Cassettes arrive in ready-to-use tubes for easy loading and unloading

Specifications

Ordering Details	PrintMate AS 150	A83800001
	PrintMate AS 450	A83800002
	PrintMate AS 900	A83800003
	Collection System	A79510014
No. of Hoppers and Capacity	PrintMate AS 150	2,150 cassettes total
	PrintMate AS 450	6,450 cassettes total
	PrintMate AS 900	12,900 cassettes total
Size	PrintMate	15 x 17.1 x 11.4 in
	PrintMate with cassette tubes	15 x 17.1 x 39.1 in
Print Speed	6 cassettes per minute, 360 cassettes per hour	
Barcode Compatibility	Data Matrix, QR Code, Code 128, Code 39 and other	
Accessories	Collection system	
Operating System	Windows 10	



The Epredia PrintMate AS cassette printer can be used for batch printing cassettes with optional automated collection system as shown.

Thermal Transfer Slide Printers

On-demand slide printing with SlideMate optimized slides



SlideMate Pro



SlideMate AS with SDS

- Compatible with non-adhesion and adhesion slides, including routine H&E, IHC, liquid-based Cytology, and other specialty slides.
- Fully integrated color touch-screen and easy-to-use software
- Small footprint for placing next to a microtome

- Reliable and convenient connections to LIS
- Enables sample-tracking solutions including user log-in information, time and date stamp on each slide, and unique transaction IDs (SlideMate Pro)
- Intelligent slide selection (SlideMate Pro)

Ordering Information

SlideMate AS Basic Printer	A83900001
SlideMate AS Basic Printing System	A83900002
SlideMate AS On-Demand Printer	A83900004
SlideMate AS On-Demand Printing System	A83900005
SlideMate Pro Dual Hopper On-Demand Printing System	A83900015
SlideMate AS Spare Hopper	A83920016
SlideMate Pro Spare Hopper	A83910011

Product Specifications

Power Requirements	Universal 100-240 VAC 50-60 Hz, 1.2A max
Slide Type	25 x 75 x 1 mm
Print Speed	5 seconds per slide
Thermal Transfer Ribbon Capacity	1 roll, ~12,000 slides per roll
Media Color	Black, 300dpi resolution
Connectivity	Ethernet, USB-A (2) , USB-B (1)
Size (D x W x H) and weight	SlideMate AS w/ SDS 14 x 5.5 x 18.5 in, 10.3 lbs
	SlideMate Pro 13.1 x 6.3 x 16.1 in, 15.6 lbs

SlideMate Slides - Optimized for SlideMate AS and SlideMate Pro Printers

Tab Color	White	Blue	Green	Pink	Yellow
Non Adhesion	TT-4041I-8217-001	TT-5041I-8217-001	TT-6041I-8217-001	TT-7041I-8217-001	TT-8041I-8217-001
Adhesion	TT-4041I-PS-8218-1	TT-5041I-PS-8218-1	TT-6041I-PS-8218-1	TT-7041I-PS-8218-1	TT-8041I-PS-8218-1

Laser Compatible Cassette Options

110 Model

- Pore style: slotted
- For routine specimens
- Lid opening: front
- Packed in taped stacks
- Lids packaged loose

1000 per case

Ordering information:
110-XX-10LM

315 Model

- Pore style: round holes
- For routine specimens
- Lid opening: back
- Packed in taped stacks
- No packaged lids
- Compatible with metal lid (FTML315)

1000 per case

Ordering information:
315-XX-18LM

115 Model

- Pore style: slotted
- For routine specimens
- Lid opening: back
- Packed in taped stacks
- Lids packaged loose

1000 per case

Ordering information:
115-XX-10LM

615 Model

- Pore style: small holes
- For very small specimens
- Lid opening: back
- Packed in stripped stacks
- Lids packaged loose

1000 per case

Ordering information:
615-XX-10LMI

210 Model

- Pore style: small square
- For routine specimens
- Lid opening: front
- Packed in taped stacks
- Lids packaged loose

1000 per case

Ordering information:
210-XX-10LM

815 Model

- Pore style: slotted
- For routine specimens
- Lid opening: back
- Packed in taped stacks
- Lids attached

1800 per case

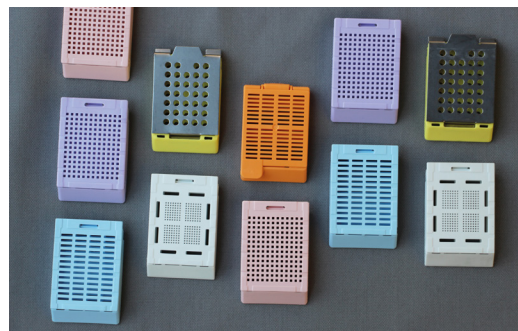
Ordering information:
815-XX-18LM

215 Model

- Pore style: small square
- For routine specimens
- Lid opening: back
- Packed in taped stacks
- Lids packaged loose

1000 per case

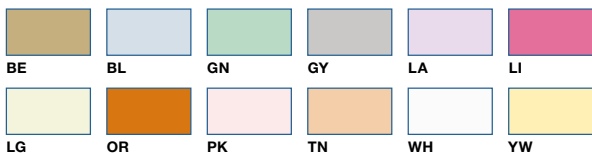
Ordering information:
215-XX-10LM



Select your cassette and configuration number below, add the two digit color code.

Example: Green Slotted Laser Optimized Cassette, Front Open = 110-05-10LM

Traditional Cassettes



Laser Optimized Cassettes



PrintMate Compatible Cassette Options

PrintMate Cassettes come in boxes with 10 tubes, each tube contains 75 cassettes

Cat Number	Description	Hinge Location	Attached Lids
B851736xx	Thinline slotted cassette	Front	Yes
B851737xx	Thinline biopsy cassette	Front	Yes
B851720xx	TissueLoc cassette IV	Rear	No
B851729xx	Slotted cassette 2	Front	No
B851120xx	PrintMate slotted cassette	Reversible	No
B851010xx	PrintMate embedding cassette	Reversible	No Lids
B851110xx	PrintMate biopsy cassette	Reversible	No
B851734xx	Fine pore cassette	Front	Yes
B851000x	HistoScreen™ cassette	Rear	No
1001003	Metal lids for traditional cassettes	N/A	N/A

Contact your local [Epredia representative](#) to learn about [Epredia Labeling and Tracking Solutions](#).

Find out more at epredia.com

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