

# Histology Instruments & Supplies

Comprehensive Catalog

Protect Every Life Story in your Lab.



Receiving/  
Accessioning

Grossing

Processing

Embedding

Microtomy

Providing a  
Complete Solution

LabCycle software allows histotechnologists to print paperwork, container labels or cassettes on demand.

We offer a wide assortment of cutting-edge cassette markers for every volume and workflow. Set processing directions, embedding and cutting notes, & piece count with software.

Experience today's most reliable tissue processing. LabCycle software allows tracking through time stamps.

Modular tissue embedding centers and superior paraffin provide the best cutting support. Scan barcoded cassettes to view critical embedding instructions.



## Staining

Cut high-quality sections reliably and consistently; prepare slides for staining quickly and efficiently. Errors are eliminated by scanning barcoded cassettes to print slide labels on demand.

## Courier

Quality manual and automated staining solutions are available; sized for every lab. Eliminate specimen identification errors at every step by scanning barcoded slide labels.

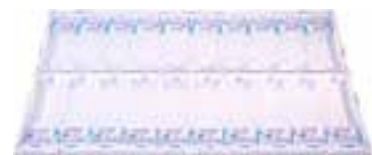
## Pathologist

Multiple solutions for timely delivery of blocks and slides to intended locations without identification errors.

## Archive/Sendout

A wide variety of equipment choices are available for reliable scanning; always protecting patient identity. Additionally, LabCycle software helps decrease turnaround time per case.

Quality solutions are available for labs to electronically track the location of any block or slide, whether in storage on-site or at another location.



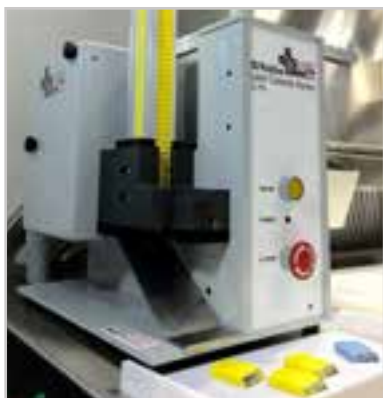
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Protect every life story in your lab.





## Maximize Workflow Efficiencies with Barcode Technology

An effective specimen tracking and laboratory workflow system depends on proper labeling of tissue cassettes with permanent, high-resolution barcodes. ID/Positive™ cassette labelers provide labs with a reliable means to mark cassettes with text and barcodes in both batch and on-demand lab workflows.

Cassettes are permanently marked and positively identified using a focused low-power CO<sub>2</sub> laser that ablates a special polymer coating on the front of the cassette. It prints high-resolution, high-contrast alphanumeric text, linear barcodes, and two-dimensional barcodes that scan quickly & easily. The print is extremely durable and able to withstand harsh reagents/solvents without fading or other damage.

Data is sent to the ID/Positive™ Laser Cassette Marker from the LIS through the Labelase® software interface. The software allows complete user control over the functionality of the laser marker, including cassette location, data mapping, and assigning formats to different cassette types or data sources. Formats are easily designed and edited, and support both linear and two-dimensional barcodes and TrueType fonts. The software also features a manageable print queue to pause, delete, and re-prioritize jobs.

Use at  
Grossing  
for  
On-Demand  
Printing

### CL-01 Single Magazine Auto-Feed

- Sturdy, compact design with small footprint
- Simple marking mechanism that greatly minimizes jamming
- Smooth, quiet operation
- Easy loading of cassettes into removable magazine
- Fast printing of high-resolution linear and two-dimensional barcodes
- Quick-change magazine for different cassette types or colors
- Catalog #: G1-205-CL01



Linear Magazine Holder



Cassette Collection Tray

Cat. #	Description
G1-2EE-9844	Cassette Collection Tray
G1-205-7015	Linear Magazine Holder and 4 Magazines
G1-205-7016	Square Magazine Holder and 4 Magazines



## CL-04 Four Magazine Auto-Feed

- Integrated cassette organizer holds up to 100 cassettes for easy organization and delivery to grossing stations
- Four removable cassette magazines hold up to 70 cassettes each
- Cassettes load easily into the removable magazines; simple marking mechanism greatly minimizes jamming
- Smooth, quiet operation
- Fast printing of high-resolution and two-dimensional barcodes
- Small footprint enables this unit to fit any size lab
- Catalog #: G1-205-CL04

Use at  
Accessioning  
for Batch  
Printing

## CL-12 Twelve Magazine Carousel Auto-Feed

- Holds up to 12 different cassette colors/types
- Aluminum and stainless steel construction
- Optical sensor system that greatly minimizes jamming
- Quiet operation with no external moving parts
- Easy loading of cassettes into magazines
- Fast printing of high-resolution linear and two-dimensional barcodes
- Four separate output/collection bins
- Catalog #: G1-205-CL12





## High-Quality Cassettes Designed for Use with ID/Positive™ Laser Cassette Markers

These cassettes are specifically made for marking durable, high-resolution barcodes and text with ID/Positive™ Laser Cassette Markers. Their unique design allows for easy, one-hand operation for processing tissue samples and biopsies. The black polymer coating enables high-resolution printing with ID/Positive cassette markers.

- Cassette face is coated with a black polymer; designed for use with ID/Positive Laser Cassette Markers
- Holds specimens during processing, embedding & storage
- Keeps specimens safely submerged in liquids
- Flow-through openings maximize fluid exchange and ensure proper drainage
- One-piece lids eliminate the need for separate lids
- Locks securely, yet can be frequently opened, closed & re-locked

### Tissue Cassettes



Horizontal Slots

### Biopsy Cassettes



Large Holes  
1.0 mm square openings

### Biopsy Cassettes



Small Holes  
0.26mm square openings

ID/Positive™ Tissue & Biopsy Cassettes 20 cassettes stack; 72 cassette stacks/case (1440 cassettes/case)			
Colors	Tissue Processing Embedding	Biopsy Processing Embedding (Large Holes)	Biopsy Processing Embedding (Small Holes)
● WHITE	G1-CTP-100WE	G1-CBP-100WE	G1-CSH-100WE
● BLUE	G1-CTP-100BE	G1-CBP-100BE	G1-CSH-100BE
● GREEN	G1-CTP-100GN	G1-CBP-100GN	G1-CSH-100GN
● GRAY	G1-CTP-100GY	G1-CBP-100GY	G1-CSH-100GY
● PINK	G1-CTP-100PK	G1-CBP-100PK	G1-CSH-100PK
● PEACH	G1-CTP-100PH	G1-CBP-100PH	G1-CSH-100PH
● YELLOW	G1-CTP-100YW	G1-CBP-100YW	G1-CSH-100YW
● TAN	G1-CTP-100TN	G1-CBP-100TN	G1-CSH-100TN
● AQUA	G1-CTP-100AA	G1-CBP-100AA	G1-CSH-100AA
● LILAC	G1-CTP-100LC	G1-CBP-100LC	G1-CSH-100LC
● ORANGE	G1-CTP-100OE	G1-CBP-100OE	G1-CSH-100OE
● FI YELLOW	G1-CTP-100FY	G1-CBP-100FY	G1-CSH-100FY
● FI PINK	G1-CTP-100FP	G1-CBP-100FP	G1-CSH-100FP
● FI GREEN	G1-CTP-100FG	G1-CBP-100FG	G1-CSH-100FG



**G1-205-CLD08**  
DirectMark™  
Laser Cassette Marker

### 3-Sided Marking Technology Allows More Printed Information on the Cassette

The Direct**Mark** Laser Cassette Marker is the **ONLY** cassette printer on the market with the ability to print text and barcodes on **each of the 3 sides of the cassette**, allowing more information on the cassette. Printing more information on cassettes further minimizes the risk of human error from transposed patient account numbers or illegible handwritten cassettes.

### Full LIS/LIMS System Integration

Data is sent to the Direct**Mark** Laser Cassette Marker from your LIS/LIMS through the cassette printer software. The software allows complete user control over the functionality of the laser marker, such as selecting the cassette type/color and populating the data into a cassette format. Cassette formats may be designed and edited within the software. The software supports linear barcodes, two dimensional barcodes, and TrueType fonts.

### Dynamic Magazine Configuration

Maximum capacity of 8 magazines, with each standard magazine carrying 40 cassettes.



## Reliable Laser Marking Technology Delivers Enhanced Throughput & Accuracy

*There's a patient's life story behind every tissue specimen your lab processes, and it's your job to ensure every life story receives the best possible care. Permanent and reliable identification of patient samples is imperative for an efficient lab. Mis-identification of tissue blocks can cause multiple problems throughout a diagnostic process. The DirectMark™ Laser Cassette Marker uses an innovative laser technology to mark cassettes on up to three sides with high-resolution text and barcodes that can be reliably scanned and read throughout the lab's process, from grossing through archiving.*

### **Improved Sample Management & Patient Traceability Maximizes Lab Workflow Efficiencies**

Cassettes are permanently marked and positively identified for the life of the cassette, from grossing through archiving. Using barcode technology for positive identification and tracking of specimens in the lab means fewer errors, greatly enhanced workflow efficiencies, and lab technicians that spend less time worrying about specimen identification errors and more time on diagnostics, results and patient care.

### **Unique Phase Change Technology Permanently Marks Directly on the Cassette Surface**

Cassettes are printed using an innovative low-powered laser, which activates a special chemical compound in the cassette plastic to create a permanent and indelible image. True DIRECT marking of tissue cassettes delivers extremely durable text and barcodes that are able to withstand the harshest reagents and solvents without fading or other damage. The high-resolution barcodes remain scannable throughout the entire lab process.

### **Rugged and Compact Design Features a Small Footprint Ideal For Crowded Lab Workstations**

With its small footprint, the Direct**Mark** Laser Cassette Marker fits simply into any workflow layout. The system can be easily integrated next to the grossing station, for printing on demand, or can be used as a batch printer for high-volume laboratories.

### **Laser Marking Technology Reduces the Overall Operational Expenses on Consumables**

Our leading-edge laser technology eliminates the high operational consumable costs associated with most standard cassette printers. As the marking is done in the cassette plastic, eliminating the need for ink cartridges, print heads, UV fixing lights and ribbons.

**SHURMark® One-Piece Processing & Embedding Cassettes**

Cassettes have an attached lid in an open position. Popular one-piece design with improved rounded thumb-tab for user comfort. Both tissue and biopsy cassettes are available in taped, dispenser, and bulk, in 10 colors. See diagram below for compatible printer manufacturers.



**SHURTrack™ Two-Piece Processing & Embedding Cassettes**

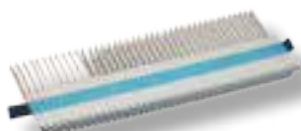
SHURTrack cassettes have a unique channel track design that allows the lid to snap into place and one-handed operation. Lids are packaged separately. Both tissue and biopsy cassettes are available in taped, dispenser, and bulk, in 10 colors. See diagram below for compatible printer manufacturers.



SHURMark & SHURTrack Cassettes				
	Leica IPC	TissueTek AutoWrite	TBS SHURMark	Thermo/R.A. Lamb Microwriter
<b>SHURMark</b> • One Piece, Lids Attached • Tissue • Biopsy	Available in: • Taped • Dispenser • Bulk	Available in: • Taped • Dispenser • Bulk		
<b>SHURTrack</b> • Two Pieces, Detached Lids • Tissue • Biopsy	Available in: • Dispenser • Bulk	Available in: • Dispenser • Bulk	Available in: • Taped • Dispenser • Bulk	Available in: • Dispenser • Bulk

SHURMark One-Piece Cassettes						
	Taped <i>40 cassettes/sleeve, 5 sleeves/pk, 5 pk/cs</i>		Dispenser <i>250 ea/bx; 4 bx/cs (1000/cs)</i>		Bulk <i>1000/bg; 3 bg/cs (3000/cs)</i>	
Colors	Tissue	Biopsy	Tissue	Biopsy	Tissue	Biopsy
○ White	SM-PCSL-W	SM-BCSL-W	SM-PCDP-W	SM-BCDP-W	SM-PCBL-W	SM-BCBL-W
● Blue	SM-PCSL-B	SM-BCSL-B	SM-PCDP-B	SM-BCDP-B	SM-PCBL-B	SM-BCBL-B
● Green	SM-PCSL-G	SM-BCSL-G	SM-PCDP-G	SM-BCDP-G	SM-PCBL-G	SM-BCBL-G
● Gray	SM-PCSL-GY	SM-BCSL-GY	SM-PCDP-GY	SM-BCDP-GY	SM-PCBL-GY	SM-BCBL-GY
● Pink	SM-PCSL-P	SM-BCSL-P	SM-PCDP-P	SM-BCDP-P	SM-PCBL-P	SM-BCBL-P
● Peach	SM-PCSL-PE	SM-BCSL-PE	SM-PCDP-PE	SM-BCDP-PE	SM-PCBL-PE	SM-BCBL-PE
● Yellow	SM-PCSL-Y	SM-BCSL-Y	SM-PCDP-Y	SM-BCDP-Y	SM-PCBL-Y	SM-BCBL-Y
● Tan	SM-PCSL-T	SM-BCSL-T	SM-PCDP-T	SM-BCDP-T	SM-PCBL-T	SM-BCBL-T
● Aqua	SM-PCSL-A	SM-BCSL-A	SM-PCDP-A	SM-BCDP-A	SM-PCBL-A	SM-BCBL-A
● Lilac	SM-PCSL-L	SM-BCSL-L	SM-PCDP-L	SM-BCDP-L	SM-PCBL-L	SM-BCBL-L

Taped



Dispenser



Bulk

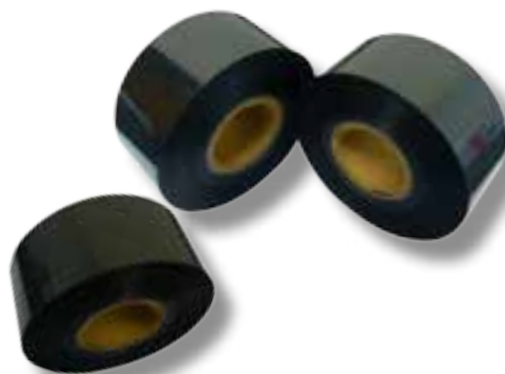


SHURTrack Two-Piece Processing & Embedding Cassettes						
	Taped <i>50 cassettes/sleeve, 5 sleeves/pk, 4 pk.cs</i>		Dispenser <i>250 ea/bx; 4 bx/cs (1000/cs)</i>		Bulk <i>1000/bg; 3 bg/cs (3000/cs)</i>	
Colors	Tissue	Biopsy	Tissue	Biopsy	Tissue	Biopsy
○ White	SM-PCTS-W	SM-BCTS-W	SM-PPC-W	BC-W	PPC-BLK-W	BC-BLK-W
● Blue	SM-PCTS-B	SM-BCTS-B	SM-PPC-B	BC-B	PPC-BLK-B	BC-BLK-B
● Green	SM-PCTS-G	SM-BCTS-G	SM-PPC-G	BC-G	PPC-BLK-G	BC-BLK-G
● Gray	SM-PCTS-GY	SM-BCTS-GY	SM-PPC-GY	BC-GY	PPC-BLK-GY	BC-BLK-GY
● Pink	SM-PCTS-P	SM-BCTS-P	SM-PPC-P	BC-P	PPC-BLK-P	BC-BLK-P
● Peach	SM-PCTS-PE	SM-BCTS-PE	SM-PPC-PE	BC-PE	PPC-BLK-PE	BC-BLK-PE
● Yellow	SM-PCTS-Y	SM-BCTS-Y	SM-PPC-Y	BC-Y	PPC-BLK-Y	BC-BLK-Y
● Tan	SM-PCTS-T	SM-BCTS-T	SM-PPC-T	BC-T	PPC-BLK-T	BC-BLK-T
● Aqua	SM-PCTS-A	SM-BCTS-A	SM-PPC-A	BC-A	PPC-BLK-A	BC-BLK-A
● Lilac	SM-PCTS-L	SM-BCTS-L	SM-PPC-L	BC-L	PPC-BLK-L	BC-BLK-L

## SHURMark® Hot Foil Tape

For use with all SHURMark™ cassette labelers.

Cat. #	Description
SM-HFT	Hot Foil Tape for SHURMark & Microwriter labelers; 1 roll/ea., 8 ea/cs. (10,000-20,000 cassettes printed per roll)
A79510013	Hot Foil Tape for Thermo Printmate labelers; 1 roll/ea., 8 ea/cs. (10,000-20,000 cassettes printed per roll)



## SHURMark® Marking Pens

For cassettes and slides, available in black and red. Fast drying, non-smearing; the only laboratory marking pen with priming action and replaceable felt tip.

Cat. #	Description
MP-B	Marking Pen, BLACK, solvent resistant for labelling slides & cassettes. 12ea/pk, 5pk/cs
MP-R	Marking Pen, RED, solvent resistant for labelling slides & cassettes. 12ea/pk, 5pk/cs
MP-RT	Replacement Tips (for marking pens); 12ea/pk, 5pk/cs



## Biopsy Cassette Foam Pads

Perforated biopsy foam pad allows maximum fluid transfer during processing while holding tissue in place. Pads made from solvent/reagent resistant material.

Cat. #	Description
BF-P	For SHURMark and SHURTrack Cassettes, textured blue color, 1000/case
G1-CFP-4765	For ID/Positive Cassettes, textured blue color, 1000/case

BF-P fits SHURMark® & SHURTrack™ Cassettes



G1-CFP-4765 notch assures custom fit for ID/Positive cassettes



### TMD™ Tissue Marking Dyes

- Expanded selection of packaging sizes and configurations
- Dries in 30-60 seconds (decreases frozen sectioning time & increases turnaround time)
- New high-precision dispenser cap for accuracy and control
- No mordant or fixative required
- Consistent quality throughout the entire package
- Will not affect automated processor by clogging tubing
- Available in three convenient sizes; dispenser cap for each



Cat. #	Description
TMD-KIT-7X20ML	Tissue Marking Dye, 7-color kit, ORANGE (O), BLACK (BK), BLUE (BL), YELLOW (Y), RED (R), PURPLE (P), GREEN (G) dyes; Kit Includes: 20ml of each dye/ea; 4ea/cs
TMD-KIT-FT-7X2	Tissue Marking Dye, 7-color kit, ORANGE (O), BLACK (BK), BLUE (BL), YELLOW (Y), RED (R), PURPLE (P), GREEN (G) dyes; Kit Includes: 2oz. of each dye/ea; 4ea/cs
TMD-(color)-FT2	Tissue Marking Dye, 2 oz., ORANGE (O), BLACK (BK), BLUE (BL), YELLOW (Y), RED (R), PURPLE (P), GREEN (G)
TMD-(color)-FT-8 or TMD-(color)	Tissue Marking Dye, 8 oz. Refill Bottles, ORANGE (O), BLACK (BK), BLUE (BL), YELLOW (Y), RED (R), PURPLE (P), GREEN (G); 4 ea/cs
TMD-(color)-F20ML	Tissue Marking Dye, 20 ML, ORANGE (O), BLACK (BK), BLUE (BL), YELLOW (Y), RED (R), PURPLE (P), GREEN (G)

### TFM™ Tissue Freezing Medium

- Unique **TFM™** and robust formula freezes quickly; supporting tissue for sectioning at 3μ and up with no cracking of the matrix at temperatures from -8°C to -25°C
- Will not crystallize at extreme temperatures
- Less curling, allowing flat sections and easier pickup from the knife edge
- Reduced water content minimizes freeze fracture
- Does not cause autofluorescence
- Easily washed away during fixation
- Easy to rinse prior to staining with NO RESIDUE



Cat. #	Description
TFM-5	Embedding matrix for frozen sections; CLEAR, RED, YELLOW, GREEN & BLUE colors; Kit Includes: 4oz. of each color/ea; 4 ea/cs
TFM-C	Individual Bottle of Freezing Medium; CLEAR (C) color; 4oz/ea; 12ea/cs
TFM-(color)	Individual Bottles of Freezing Medium; RED (R), YELLOW (Y), GREEN (G), BLUE (B) colors; 4oz/ea; 4ea/cs

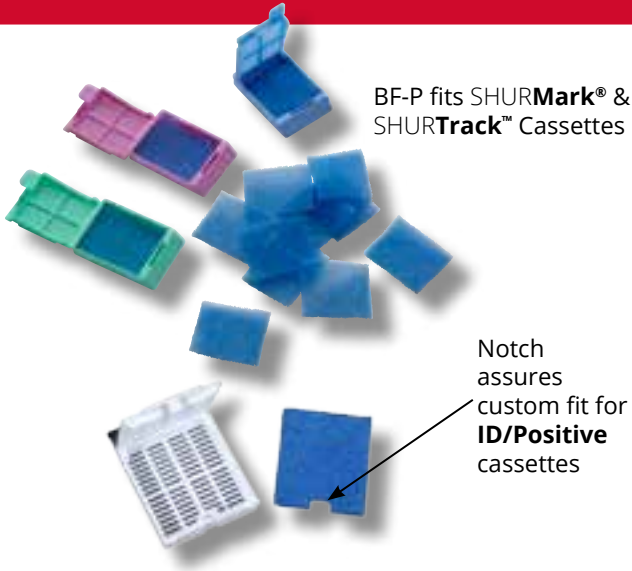
### Autopsy Knives

Ridged stainless steel blade stays sharp and won't rust. SHURGrip™ textured handle molds to your hand and reduces slipping. Autopsy knives are designed with a hard-ridged blade to reduce flexing and have a finely sharpened edge for precise cutting. The Stainless Steel material resists dulling and prevents nicks and rusts. Available in five different sizes as well as in sets.



Cat. #	Description	Cat. #	Description
AK-C	Autopsy Knife; CARTILAGE (C) 100mm; 10/pk	AK-L	Autopsy Knife; LUNG (L) 250mm; 10/pk
AK-T	Autopsy Knife; TRIMMING (T) 150mm; 10/pk	AK-B	Autopsy Knife; BRAIN (B) 300mm; 10/pk
AK-M	Autopsy Knife; MACRO (M) 200mm; 10/pk	AK-A	Autopsy Knives, Assorted; 5 different knives/pk, 2pk/cs

# Grossing Supplies



BF-P fits SHURMark® & SHURTrack™ Cassettes

Notch assures custom fit for ID/Positive cassettes

## Biopsy Cassette Foam Pads

Perforated biopsy foam pad allows maximum fluid transfer during processing while holding tissue in place. Pads made from solvent/reagent resistant material.

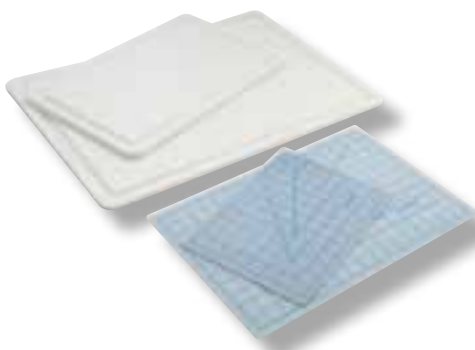
Cat. #	Description
BF-P	For SHURMark® and SHURTrack™ Cassettes; Textured blue color; 1000/case
G1-CFP-4765	For ID/Positive Cassettes; Textured blue color; 1000/case



## Biopsy Paper

Specially designed for processing biopsy specimens. Non-absorbent mesh allows fluids to flow through cassette freely while containing small tissue fragments.

Cat. #	Description
BP-B	Biopsy Paper; BLACK (B); 500/pk, 10pk/cs
BP-W	Biopsy Paper; WHITE (W); 500/pk, 10pk/cs



## SHURCut™ Dissecting/Cutting Boards

**HDPE Dissecting Boards:** These high density, polyethylene boards resist swelling, warping or cracking and are chemical & stain-resistant. White background provides ideal photographic contrast. Rubber feet allow for easy moving and lifting, yet prevent slippage on work surfaces. Raised edges and drain trough ½" inch from edges provide spill containment and promote user comfort.

**Polyvinyl-chloride (PVC) Dissecting Boards:** Self-sealing durable PVC surfaces prevent blade damage due to the soft nature of the plastic, and any knife marks are minimal due to the rejuvenating properties of the plastic. Contaminated surfaces can be sterilized using conventional methods.

Cat. #	Description
SC-HDPE-1	SHURCut Dissecting Board (0.5x12x18) in.; HDPE, white, reusable, w/spill containment border, rubber feet, raised edges, chemical & stain resistant.
SC-HDPE-1DH	SHURCut Dissecting Board (0.5x12x18) in.; HDPE, white reusable, w/spill containment border, rubber feet, raised edges, chemical & stain resistant, w/drain holes in trough for draining of excess formalin.
SC-PVC-2	SHURCut Dissecting Board (0.5x12x18) in.; self-sealing polyvinyl chloride w/cut-resistant rejuvenating properties. Translucent white, reusable.
SC-PVC-4	SHURCut Dissecting Board (0.12x24x36) in.; self-sealing polyvinyl chloride w/cut-resistant rejuvenating properties. Translucent white, reusable.



Protect every life story in your lab.





### Reagent Alcohols

Cat. #	Description
A-100RA	Reagent Alcohol, 100% - SDA 3A, 95%, Isopropyl 5%, ACS/USP Grade, 1 Gal/ea, 4 ea/cs
A-95RA	Reagent Alcohol, 95% - SDA 3A, 90%, Isopropyl 5%, ACS/USP Grade, 1 Gal/ea, 4 ea/cs
A-11G	Isopropanol - 99.99%, Isopropyl Alcohol; ACS/USP Grade; 1 gal/ea, 4 ea/cs



### Formalin, 10% Neutral Buffer (phosphate buffer)

A widely used fixative for routine tissue processing in histology laboratories.

Cat. #	Description
F-10NB1G	Formalin, 10% Neutral Buffered, 1 gal/ea. See SDS for Haz-Mat handling requirements under transportation on Air Shipments. Store at 25° C.
F-10B5G	Formalin, 10% Neutral Buffered, 5 gal/ea. See SDS for Haz-Mat handling requirements under transportation on Air Shipments. Store at 25° C.



### Zinc Formalin (Zeus) Fixative, pH 6.25

Excellent morphological preservation of nuclear & cytoplasmic components.

Zinc Formalin (Zeus) Fixative can replace neutral buffered formalin for routine tissue and IHC procedures. Best used as a primary fixative, minimizing denaturation.

Cat. #	Description
F-Z1G	Zinc Formalin, 1 gal/ea. See SDS for Haz-Mat handling requirements under transportation on Air Shipments. Store at 25° C.



### Xylene Clearing Solvent

The most widely-used clearing agent in histology, xylene is miscible with paraffin and can be used during tissue embedding, de-paraffination, and staining processes.

Cat. #	Description
C-X1G	Xylene Clearing Solvent; ACS Grade, 1 Gal/ea, 4 ea/cs



### POLYFin PRO™ Paraffin Wax

A mixture of highly refined paraffins and co-polymers in a convenient wax pellet. This unique formulation provides optimal tissue support while maintaining exceptional clarity. POLYFin PRO has been institutionally tested and found to function flawlessly in pressure/vacuum fluid flow processors.

- Wrinkle-free sections due to excellent infiltration
- Excellent for ALL tissue types
- Maintain Central Nervous System tissue structure on water bath
- Easy cutting
- Can use with normal 45°C water bath setting
- No overstretching of tissue in water bath
- Low (55°C) melting point **eliminates excessive heat distortion** during tissue processing.
- Can safely be used in P/V processors
- Ideal handling characteristics

Cat. #	Description
H-PF-PRO	PolyFin Pro High-Performance Professional Series. Tissue infiltrating and embedding media consists of pellets of fine paraffin waxes & co-polymer alloys. 8 x 1kg/cs (17.6 lbs.)



**RTP™-360**  
Tissue Processor

## RTP™/RTPH™-360 Product Features

- Fast Biopsy & Overnight Tissue Processing
- Reagent Management System
- Remote Fill & Drain
- Up to 360 Sample Capacity
- Touch-Screen Operator Control
- Reagent Partial Load Capacity
- Wax Cleaning Cycle
- Data Backup on USB port
- 17 Processing Programs
- Reverse Processing Program
- Process Start Delay Up to 14 Days
- Fumes Charcoal Filter
- Remote Alarm Port

*The RTP-360 Series is General Data Healthcare's premier tissue processing line. This series provides high capacity tissue processing without compromising tissue quality, thus allowing for the best possible patient diagnosis. The RTPH-360 is one of the industry's highest capacity processors for fast biopsy and overnight tissue processing.*

### ✓ **Enhanced Traditional Tissue Processing For Any Size Lab**

The RTPH-360 features a compact footprint with the capacity necessary to service any size lab. Ten convenient 4.5 liter bottles allow for efficient traditional processing. The RTPH-360 can also operate as a fast processor by utilizing the built-in EHE (Enhanced Heat Exchange).

### ✓ **Rapid Tissue Processing Without Microwaves**

For fast processing, reagents can be safely pre-heated while being pumped to the traditional vacuum pressure processing chamber by a patented device called the EHE. The EHE dramatically reduces the processing time because there is no delay caused by having to wait for reagents to warm from room temperature during the processing phase. The user can easily define rapid or traditional processes.

### ✓ **Simple, User-Friendly Operation Provides Ease of Use**

Your histotechs can start processing tissue right away without a steep learning curve and long training times. The user-friendly touch screen guides the user with an intuitive menu system and clear user prompts. Both rapid and traditional processing protocols can be easily defined.

Graphical,  
Easy & Intuitive HMI  
(Human Machine Interface)

2 Ports for  
Easy & Automatic Reagent  
Remote Fill & Drain

1 Port for  
External Paraffin Wax Drain

4.5 Liter Reagent Tanks

**RTPH™-360**  
Rapid Tissue Processor  
*with Enhanced Heat Exchange*  
(located behind unit)

USB Port for Data  
Backup and Automatic  
Software Upgrades

#### RTP Sample Processing Chamber

- Made of High-Quality Stainless Steel
- Easy-to-Clean Surface Treatment
- User-Friendly Lid Lock Mechanism
- Gas Piston Keeps Lid Open
- OPEN/CLOSE Lid Sensor



#### ✓ Safe for Operators and Technicians

An additional safety feature is the closed reagent system, which traps vapors and noxious fumes, eliminating xylene, formalin and alcohol fumes. This closed-loop feature also helps reduce evaporation of reagents.

#### ✓ Reagent Management System Maintains Tissue Processing Quality

The RTPH-360 has an advanced Reagent Management System (RMS) that alerts the user when the reagents need changing. This feature helps maintain tissue processing quality and eliminates the need for manual shifting of reagent bottles.

#### ✓ Remote Fill & Drain Protects Users and Saves Time

The built-in fill and drain allows the user to empty and refill reagent bottles and drain wax without removing them from the RTPH-360. This useful function insulates users from physical contact with reagents.

### RTP™/RTPH™-300 Tissue Processors

The RTP-300 Series of tissue processors are designed to meet the day-to-day tissue processing needs of histology labs. The RTP-300 is the most affordable option for producing quality tissue with reliable, consistent results that ensure the best possible patient diagnosis.



**RTP™-300**  
Tissue Processor



**RTPH™-300** Tissue Processor  
with Enhanced Heat Exchange  
(located behind unit)



#### ✓ Traditional Tissue Processing For Small To Medium-Size Labs

The RTP features a compact footprint that allows it to fit easily into any size lab. Convenient 2.5 liter bottles allow for efficient processing.

#### ✓ Simple, User-Friendly Operation Provides Ease of Use

Your histotechs can start processing tissue right away without a steep learning curve and long training times. The user-friendly touch screen guides the user with an intuitive menu system and clear user prompts.

#### ✓ Safe for Operators and Technicians

An additional safety feature is the closed reagent system, which traps vapors and noxious fumes, eliminating xylene, formalin and alcohol fumes. This closed-loop feature also helps reduce evaporation of reagents.



**RTP™-300**  
Tissue Processor

## **RTP™/RTPH™-300 Product Features**

- ✔ 17 Processing Programs
- ✔ Reverse Program
- ✔ Delay: up to 14 Days
- ✔ Processing End Time Management
- ✔ Purge Programs: 1 Standard and 3 Customizable
- ✔ Fumes Charcoal Filter
- ✔ Sample Processing Chamber Fume Aspiration
- ✔ USB Port Data Backup

### ✔ **Reagent Management System Maintains Tissue Processing Quality**

The RTP-300 has an advanced Reagent Management System (RMS) that alerts the user when the reagents need changing. This feature helps maintain tissue processing quality and eliminates the need for manual shifting of reagent bottles.

### ✔ **Single Rotary Valve Design Increases Reliability**

The single rotary valve directs the flow of all reagents, waxes and solutions to and from the processing chamber through a single valve, which minimizes carryover and increases reliability.

### ✔ **Remote Fill & Drain Protects Users and Saves Time**

The built-in solvent fill and drain allows the user to empty and refill reagent bottles without removing them from the RTP. This useful function insulates users from physical contact with reagents.

### TEC-II Tissue Embedding Center

**TEC2120 or TEC2220**  
Tissue Embedding Center  
*Available in 120V or 220V*



 **Ergonomic Working Area for Fast Specimen Processing**

A spacious, heated working area with non-glare illumination and a swiveling field magnifier allow for efficient operation. A cold spot is integrated into the working area within close vicinity of the paraffin nozzle. Six independently heated openings for forceps offer paraffin drainage. Optional electrically heated forceps are available.

 **Automatic Turn ON/OFF Operation Saves Energy**

The TEC™-II enables the user to program desired operating times. The instrument calculates for warm-up and automatically turns itself ON/OFF at the proper intervals. Weekends and holidays can be programmed to be exempt from this schedule to optimize the durability of stored paraffin.

 **Versatile Cold Plate Console Positioning Based on Preference**

The cold plate console can be positioned on either the right or left side of the dispensing console, depending on the working preference of the operator or lab. The cold plate console can operate connected to the dispensing unit or as a stand-alone instrument.

 **Large Cold Plate Work Surface Accommodates More Cassettes/Base Molds**

The cold plate console has a large cooling surface to accommodate more than 60 cassettes/molds. The cooling power of the unit allows temperatures down to -12°C and offers a steady temperature distribution over the entire surface.

 **Full Operator Control of Paraffin Flow**

Paraffin flow can be released manually or via a foot switch. Flow rate can be set continuously.

**TEC2120-CP or TEC2220-CP**  
Cold Plate Console  
*(can operate as a standalone unit for use near a microtome or connected to the dispensing console)*





## Embedding

### Spacious Paraffin Reservoir for Continuous Operation

The TEC-II Embedding Center paraffin reservoir has capacity of 5 liters to guarantee continuous operation, even at a high specimen capacity. Surplus paraffin is guided into waste drawers via two (2) channels. Drawers are easily accessible from the front and can easily be emptied.




### Removable Trays and Paraffin Waste Drawers

Since cassette and base mold trays are removable and independently heated, the user has the option to choose which side to store base molds and cassettes. At the base of the unit, removable paraffin waste drawers collect surplus paraffin.



## PD-120 Paraffin Dispenser

### PD-120 or -220 Paraffin Dispenser

-  **Maximum Reservoir Capacity Keeps Liquid Paraffin Ready When You Need It**  
The 6.25 gallon reservoir minimizes refills and maximizes accessibility. Reservoir holds 1½ cases of POLYFin PRO™ Paraffin in solid form.
-  **Reliable Controls Keep Paraffin at the Constant Temperature You Specify**  
Two heating elements work with a microprocessor to keep paraffin within 1° C of desired temperature. When new paraffin pellets are added to the reservoir, sensors will detect the change in temperature and automatically adjust the temperature to keep it steady. Overheating protection assures safety.
-  **Accommodates a Variety of Large Bowls / Dishes for Paraffin Collection Flexibility**  
High spigot and concave cut-out allows user to conveniently place and maneuver a variety of large paraffin collection bowls/dishes.
-  **See-Through Lexan Lid Provides Easy Paraffin Viewing Without Contamination**  
See-through lid permits easy paraffin level monitoring. The lid's unique access opening allows the user to pour paraffin refills into the reservoir without contaminating the melted paraffin already in the unit.



## POLYFin PRO™ Paraffin Wax

A mixture of highly refined paraffins and co-polymers in a convenient wax pellet.

This unique formulation provides optimal tissue support while maintaining exceptional clarity. POLYFin PRO has been institutionally tested and found to function flawlessly in pressure/vacuum fluid flow processors.

- Wrinkle-free sections due to excellent infiltration
- Excellent for ALL tissue types
- Maintain Central Nervous System tissue structure on water bath
- Easy Cutting
- Can use with normal 45°C water bath setting
- No overstretching of tissue in water bath
- Low (55°C) melt point **eliminates excessive heat distortion** during tissue processing.
- Can safely be used in P/V processors
- Ideal handling characteristics

Cat. #	Description
H-PF-PRO	POLYFin™ PRO High-Performance Professional Series. Tissue infiltrating and embedding media consists of pellets of fine paraffin waxes and co-polymer alloys; 8x1 kg/cs (17.6 lbs)

## PARAGard™ Paraffin Repellent

You'll be amazed at how well PARAGard™ stops paraffin from sticking to counter tops and equipment, while keeping everything looking brand new. Pleasant smelling spray that is safe for use on metal, wood and plastic surfaces. Daily cleaning chores will be reduced to a minimum.

- Quick clean-up after embedding and microtomy
- Creates a protective coating on surfaces exposed to paraffin
- Brilliant shine finish to bench tops



Cat. #	Description
PG	PARAGard™, liquid paraffin repellent for counter tops and equipment; 4 oz. pump bottle/ea, 6 ea/cs.
PG-16	PARAGard™, liquid paraffin repellent for counter tops and equipment; 16 oz. spray bottle/ea, 4 ea/cs.



## Forceps Warmer

This indestructible space saving unit provides consistent and constant heat to forceps.

Additionally, the all metal Forceps Warmer offers three heated wells that prevent wax build-up and allow easy tissue orientation at embedding centers.

Cat. #	Description
FW-120	Forceps Warmer, w/3 heated wells. Specifications: 100-120VAC, 50/60Hz, 0.5A WxDxH: (5x3x3)in, (13x8x8)cm Weight: 3lbs, 2kg
FW-220	Forceps Warmer, w/3 heated wells. Specifications: 220-240VAC, 50/60Hz, 0.25A WxDxH: (5x3x3)in, (13x8x8)cm Weight: 3lbs, 2kg



## SHURTrim™ Paraffin Block Dewaxer

An efficient appliance for removing excess paraffin from embedded tissue cassettes.

Simply slide paraffin blocks across the heated grooved surface. Melted paraffin is shaved away to disposable receptacle below. Preparing embedded tissue blocks

Cat. #	Description
ST-120	SHURTrim™ Paraffin Block Dewaxer. TUV Certified. Specifications: WxDxH (6x9x7)in, (15x23x18)cm; 5lbs, 3kg; 100-120 VAC, 50/60 Hz, 2 Amps.
ST-220	SHURTrim™ Paraffin Block Dewaxer. Specifications: WxDxH (6x9x7)in, (15x23x18)cm; 5lbs, 3kg; 220-240 VAC, 50/60 Hz, 1 Amps.



## Base Molds - Stainless Steel & Plastic

**Reusable Metal/Stainless Steel Base Molds:** Equipped with “winged” edges for easy handling and resists tipping. Available in a variety of sizes.

**Disposable Base Molds:** Plastic base molds are chemical resistant and release cassettes easily.

These base molds are packaged stacked in sleeves and are disposable for no-cleaning convenience. Available in a variety of sizes.

Cat. #	Description	Cat. #	Description
BM-7	Base Mold, Stainless Steel, Reusable; (7x7x6)mm, (LxWxD), 10/pk	DBM-7	Base Mold, Disposable; (7x7x6)mm, (LxWxD), 500/cs
BM-15	Base Mold, Stainless Steel, Reusable; (15x15x6)mm, (LxWxD), 10/pk	DBM-15	Base Mold, Disposable; (15x15x6)mm, (LxWxD), 500/cs
BM-24	Base Mold, Stainless Steel, Reusable; (24x24x6)mm, (LxWxD), 10/pk	DBM-24	Base Mold, Disposable; (24x24x6)mm, (LxWxD), 500/cs
BM-30	Base Mold, Stainless Steel, Reusable; (30x24x6)mm, (LxWxD), 10/pk	DBM-30	Base Mold, Disposable; (30x24x6)mm, (LxWxD), 500/cs
BM-37	Base Mold, Stainless Steel, Reusable; (37x24x6)mm, (LxWxD), 10/pk	DBM-37	Base Mold, Disposable; (37x24x6)mm, (LxWxD), 500/cs

Protect every life story in your lab.



## Microtomy — Artis-A Automated Microtome

The SHURCut Artis A is the first **truly hands-free** microtome; designed to increase operator control while reducing repetitive motion injuries. The Artis series is General Data Healthcare's premier series of microtomes, and provides the precision necessary for producing reliable, consistent results that ensure the best possible patient diagnosis.

### SC-Artis-A Fully Automated Rotary Microtome



#### ✓ **New dynamic foot pedal for better microtome motor control**

More than just an on/off switch, the foot pedal enables the histotech to precisely control the sectioning speed while keeping both hands free. There is no need to manually turn the handwheel to start your sections! Much like a sewing machine, the user is in complete control of the speed of every section.



#### ✓ **Convenient light panel for visual inspection of blocks and slides**

A small diffused light panel on the front of the SHURCut Artis microtome provides the optimal amount of light to allow the operator to backlight their blocks and slides for easy visual inspection.

#### ✓ **Easy to use**

Histotechs can control the automated functions through the hand pad, which can be positioned either on the left or right side of the SHURCut Artis microtome. It features an intuitive display with a color LED layout and icons.



#### ✓ **Advanced blade safety features**

The Artis has special safety features: 1) a built-in blade ejection mechanism allows for safe, easy removal of used blades, 2) a multi-position bladeholder (left, right, center) maximizes blade life and eliminates the dangers of exposed blades, and 3) a built-in finger guard that covers the blade when not in use.

#### ✓ **Easy to clean**

The quick-release clamps allow for easy release of the blade/knife holder. The waste tray can be easily removed for emptying and cleaning.

#### ✓ **Superior accuracy, quality and reliability**

The SHURCut Artis microtome is designed to consistently and reliably cut accurate sections. Fully motorized and programmable, it features 4 sectioning modes: single, interval, multi and continuous.

#### ✓ **Also available in semi-automatic configuration (Artis S)**

## Microtomy — Artis-S Semi-Automated Microtome

*The Artis series is General Data Healthcare's premier series of microtomes, and provides the precision necessary for producing reliable, consistent results that ensure the best possible patient diagnosis.*

### **SC-Artis-S** Semi-Automated Rotary Microtome



#### **✓ Smooth, easy operation**

The Artis S semi-automated rotary microtome combines manual sectioning with the reliability of a precision stepper motor specimen feed. The motorized specimen feed delivers precise, consistent sections and allows for use of a memory function for easy memory positioning of blocks.

#### **✓ Superior accuracy, quality and reliability**

The SHURCut Artis microtome is designed to consistently and reliably cut accurate sections.

#### **✓ Easy to use**

Histotechs can control the automated functions through the hand pad, which can be positioned either on the left or right side of the SHURCut Artis microtome. It features an intuitive display with a color LED layout and icons.



#### **✓ Convenient light panel for visual inspection of blocks and slides**

A small diffused light panel on the front of the SHURCut Artis microtome provides the optimal amount of light to allow the operator to backlight their blocks and slides for easy visual inspection.

#### **✓ Advanced blade safety features**

The Artis has special safety features: 1) a built-in blade ejection mechanism allows for safe, easy removal of used blades, 2) a multi-position bladeholder (left, right, center) maximizes blade life and eliminates the dangers of exposed blades, and 3) a built-in finger guard that covers the blade when not in use.

#### **✓ Easy to clean**

The quick-release clamps allow for easy release of the blade/knife holder. The waste tray can be easily removed for emptying and cleaning.

#### **✓ Also available in fully automatic configuration (Artis A)**

*The SHURCut Series of microtomes are designed to meet the day-to-day sectioning needs of histology labs. This series is our most affordable option for producing reliable, consistent results that ensure the best possible diagnosis.*

### **SC2500**

Semi-Automated  
Retracting Microtome



### **SC3500**

Semi-Automated  
Retracting Microtome



### **SC4500**

Semi-Automated  
Retracting Microtome

#### **✓ Ergonomic Design for Comfort and Ease of Use**

Each model is designed for ease of operation and user comfort. The SC3500 & SC4500 models include an easy-to-use handpad that features an intuitive display with color LED icons, which can be positioned on the right or left side of the microtome.

#### **✓ Full Operator Control At Your Fingertips**

User-friendly instrument panel provides precise control of sectioning, trimming, and memory functions.

#### **✓ Specimen Positioning Memory Function Automates Workflow**

The SC3500 & SC4500 models include an automatic specimen position memory function that allows the user to remove a block, and with a push of a button after re-inserting the block, the electronic memory will reposition the specimen back to the original location.

#### **✓ Microprocessor Control For Precise Cutting**

All three models feature microprocessor management of specimen advance, return, trim and sectioning. The SC4500 model allows the operator to switch between manual, continuous and single-stroke cutting modes at the push of a button.

## Microtomy - Waterbaths/Flotation Work Stations

*There are waterbaths...and then there is the Flotation Work Station. A practical design combined with innovative features and microprocessor-controlled electronics brings a host of features not found in any typical waterbath. Equip your histotechs with smart tools that enable them to produce the best possible slides.*

More than  
just a  
waterbath!



### ✓ Regulated Temperature Control Prevents Tissue Imperfections

Microprocessor-controlled precise temperature regulation assures control of temperature fluctuation, which prevents cracks and excessive separation of layers.

### ✓ Multiple Designs and Configurations to Best Fit Your Lab's Needs

The small-footprint FWS-S and TFB-S models are ideal for crowded workspaces, and their deep-dish design enables more efficient ribbon floating and pickup. Options include front and side slide drying racks, a heated slide dryer and a HISTO**Orientator**™ pad for eliminating wrinkles.

### ✓ Easy to Clean and Keep Clean, thus Reducing Slide-to-Slide Contamination

Histotechs like to keep their waterbaths clean, and we've made that process easier than ever. The glass dish can be easily removed for cleaning, and all surface areas, including the chemical-resistant plastic housing, are easily accessible for cleaning.

### ✓ LED Light Array for Optimum Specimen Viewing

The Flotation Work Station gives histotechs significantly more visibility to their work than typical waterbaths. Each unit is equipped with an LED light array strategically positioned on the side of the glass dish; away from the histotech, so there's maximum light on the ribbons with no glare. This lighting works with the high-contrast background to provide the best possible visibility.

### ✓ Histo-Orientator De-Wrinkles & Removes Bubbles on Paraffin Sections

The constant warming temperature at 70°C will quickly and easily heat slides to the necessary temperatures to remove wrinkles and bubbles on your sections.



TO-120 or -220  
HISTO**Orientator**™



# Microtomy - Waterbaths/Flotation Work Stations

**Attachable  
Slide Drying  
Racks  
Available**



**FWS-S**  
Low-profile 8"x"8 x2 1/4"  
deep dish version



**TFB-L**  
8"x11"x2"; shown with side-mounted  
slide drying rack (SDR-S)



**TFB-S**  
Low-profile 8"x"8 x2 1/4"  
deep dish version



## Specialty Labels for Hospitals & Labs

Our specially designed labels for healthcare and medical applications provide innovative, reliable and easy-to-use labeling solutions that deliver proven results. From hospital admissions to the pathology laboratory, our medical labels are an essential component of the most successful automation, tracking, and patient safety programs in top hospitals across the country.

### StainerShield® XT Slide Labels



StainerShield® XT is designed for pre-stainer slide labeling across all lab protocols, including H&E, special stains, IHC's, cytopathology and other protocols that require exposure to and can stand up to extreme heat, specialized chemicals and stains. Ideal for on-demand slide labeling at the microtome station. Available in kits containing correct match of label rolls and printer ribbons for use with specified printer model and optimized for compatibility with no waste.

*Kit #	Kit Includes	For Printers
KXT-05240-78110	1 Printer Ribbon, 1/2" core, 2.4" print width, 3 rolls of labels: 7/8" x 7/8", 1 label across, 1" label core, 1800 labels per roll, wound in	Cognitive: Cxi, Ci (2" models only)
KXT-05200-78110	2 Printer Ribbons 1/2" core, 2.5" print width, 3 rolls of labels 7/8" x 7/8", 1 label across, 1" core, 1800 labels per roll, wound out	Zebra: TLP Series, G Series (4" models only) Cognitive: Cxi, Ci (4" models only)
KXT-05430-78410	1 Printer Ribbon 1/2" core, 4.31" print width, 1 roll of labels 7/8" x 7/8", 4 labels across, 1" core, 7200 labels per roll, wound out	Zebra: TLP Series, G Series (4" models only) Cognitive: Cxi, Ci (4" models only)
KXT-A1430-78130	3 Printer Ribbons 1" core, 4.3" print width, 3 rolls of labels 7/8" x 7/8", 1 label across, 3" core, 1800 labels per roll, wound out	Zebra: Xi Series, Z4M, ZM400 Datamax: H-Class, I-Class, M-Class (Mark II models)
KXT-A1434-78430	1 Printer Ribbon, 1" core, 4.33" print width, 1 Roll of Labels 7/8" x 7/8", 4 labels across, 3" core, 7200 labels per roll, wound out	Zebra: Xi Series, Z4M, ZM400 Datamax: H-Class, I-Class, M-Class (Mark II models)

\* Not a complete list of label sizes and kits; many more are available. Please contact General Data Healthcare or your local representative to discuss individual needs.

### StainerShield XT BA Slide Labels



BA Slide Labels provide superior performance in Bond & Artisan stainers. Use for labeling slides prior to staining in Leica Bond or Dako Artisan Staining systems.

Kit #	Kit Includes	Kit #
KXT-05240-75110	1 printer ribbon; 1/2" core, 2.4" print width, 3 rolls of labels 7/8" x 5/8", 1 label across, 1" core, 1800 labels per roll, wound in	Cognitive Cxi2-1300
KXT-05200-75110	2 printer ribbons, 1/2" core, 2.5" print width, 3 rolls of labels 7/8" x 7/8", 1 label across, 1" core, 1800 labels per roll, wound out	Zebra: TLP Series, G Series (4" models only) Cognitive: Cxi, Ci (4" models only)

### DT Slide Labels

DT Slide Labels use a general purpose permanent adhesive that provides excellent adhesion to glass surfaces. Use for slide labeling that does not require exposure to harsh chemicals, reagents, stains and processes.

Cat #	Description	Configuration
L-ZD-78115PI	Direct thermal paper slide label	Size: 7/8"W x 7/8"H 1,800 labels per roll 1.5" core, wound in 4 rolls per box



## Consult-ID™ Slide Labels

Consult-ID™ slide labels enable labs to mark consult slides with their own information so they can be efficiently identified and tracked in their lab.

Printed using a standard desktop direct thermal printer, Consult-ID™ slide labels consist of a larger “slide” label that can be placed over an existing slide label to temporarily conceal the original lab’s identifiers and replace them with the consult lab’s information. When the consult is complete, this label can be easily removed without destroying the original label underneath.

Consult-ID™ slide labels also contain a smaller “band” label that can be placed below the original label so the information is not covered. This band label can also be easily removed after the consult is complete, before returning the slide back to the original lab.

Cat #	Description	Configuration
L-CN-D78115PI	Direct thermal label with special ultra removable adhesive	Large Label Size: .875”W x .875”H Band Label Size: .875”W x .1875”H Combined Size: .875”W x 1.0625”H  1,800 labels per roll 1.5” core, wound in 4 rolls per box



## Consult-ID™ Cassette Labels

Consult-ID™ cassette labels are formulated from a special material and adhesive that is designed to adhere to an embedded cassette. These labels can be printed and placed directly on the paraffin inside the cassette. The label will adhere securely to the cassette for the duration of the consult. After the consult is complete, the labels can be easily removed before returning the cassette back to the original lab.

Cat #	Description	Configuration
*KCN-05240-78115 (for Cognitive printer)	Print Method: thermal transfer	Large Label Size: .875”W x .875”H Band Label Size: .875”W x .1875”H Combined Size: .875”W x 1.0625”H
*KCN-05200-78115 (for Zebra printer)		Labels per roll: 1,800 Rolls per carton: 1 (plus ribbon)  * Supplied in a kit consisting of 1 roll of labels and 1 printer ribbon



## CryoDentistry™ Labels

CryoDentistry™ cryogenic storage labels are used in genetics, virology, DNA research, drug discovery, and other related sciences to positively identify and track vials, slides, plates and test tubes that are stored in cryogenic or other cold temperature conditions.

Cat #	Description	Configuration
L-CR-1757815	CryoDentistry™ labels are made using a 1.6 mil white poly film facestock with a special direct thermal coating that provides excellent resistance to moisture and chemicals. They feature an aggressive permanent pressure sensitive adhesive that is ideally suited for adhesion to glass or plastic surfaces in extreme cold environments.	Size: 1 3/4”W x 7/8”H, 1 up 3,000 labels per roll 1.5” core, wound in 1 roll per box



### SHURSharp™ Disposable Microtome Blades & Accessories

SHURSharp™ disposable microtome blades are manufactured from premium grade stainless steel for superior blade life and edge retention. State-of-the-art grinding, honing and strapping equipment produce flawless edges. Proprietary coating process minimizes compression and produces excellent ribbons. Select SHURSharp™ low- or high-profile blades for consistent sharpness & dependability.

Cat. #	Description
DMB-HD	SHURSharp™ Disposable Microtome Blade, Coated, Heavy Duty, (0.020" x 0.498" x 3"). Requires DMBH or DMBH-E Disposable Microtome Blade Holder. 35/pk, 10pk/cs.
DMB-LP	SHURSharp™ Disposable Microtome Blade, Coated, Low Profile, (0.012" x 0.312" x 3"). 50/pk, 10pk/cs.
DMB-HP	SHURSharp™ Disposable Microtome Blade, Coated, High Profile, (0.012" x 0.553" x 3"). 50/pk, 10pk/cs.



### Brush Set

Cat. #	Description
BR-ST	Brush Set, w/fine flexible bristles, 1/8", 1/4" & 3/8" (width); 1 for each size/pk



### SHURLube™ Microtome Lubricant

SHURLube™ lubricating oil cleans, lubricates and protects in extreme temperature environments.

Cat. #	Description
H-LUB	Available in 3/4 oz/ea; 6ea/cs



### SHURFreeze™ Cryogen Spray

Tissue blocks can now be cooled with environmentally friendly refrigerant that meets federal specifications for reduced ozone depletion.

Cat. #	Description
FRZ-1	SHURFreeze™ Cryogen spray with nozzle, 12 oz. can w/10 oz. fill; Environmentally safe, does not contain dichlorodifluoromethane; 12 ea/cs See MSDS for HAZ-MAT handling requirements

### ID/Positive™ ScanPrint™ Labeling System

#### On-Demand Slide Labeling

ScanPrint™ system enables labs to scan cassette barcodes to print slide labels on-demand at the microtome station. Labs can use ScanPrint™ to quickly and accurately label slides with accession, block, stain and level information in both text and barcode format.

#### No Computer, Special Software or LIS Interfacing Required

ScanPrint™ enables labs to add on-demand barcode slide labeling to their workflow without the need for an additional LIS module or other special slide labeling software.

#### Stand-Alone System

ScanPrint™ system is comprised of a smart printer, mini-keyboard, barcode scanner and customized protocol cards that contain the lab's specific protocol definitions.



**C6-7CC-1012**  
ID/Positive™ ScanPrint System



Cassette with data-matrix barcode



Scan the cassette



Scan the protocol card



User input prompt if required



Labels are printed



#### Histology Lab-Optimized Barcode Scanning

A highly compact barcode scanner that delivers great results without taking up valuable space. The customized stand provides the correct distance and angle for accurate scanning, and can be wall-mounted for even greater space efficiency. The bright blue aiming bar of the scanner makes reading barcodes simple and intuitive, guaranteeing an accurate scan first time, every time.

- Glare reduction technology for reading codes on shiny surfaces
- Bright LED indicators and programmable audible tone indicator
- Disinfectant-ready housing

**C6-7CC-1009**  
ID/Positive™ Histology Barcode Scanner

#### High Performance Label Printing

This unit delivers exceptional value, durability and performance in a small footprint desktop printer. It is optimized by General Data Healthcare for use with StainerShield® XT slide labels or any labels used in the lab.

- Rugged and reliable all-metal printer mechanism for continuous printing
- Die-cast metal user interface to withstand harsh environments
- Menu-driven LCD controls for easy setup without a computer
- Full-communications suite (internal Ethernet, serial or parallel & USB ports)
- Print speeds up to 6 ips
- Real-time clock for date-and time-sensitive applications



**C9-204-2130**  
ID/Positive™ Label Printer


Protect every life story in your lab.








### SS-2030-120 or -220 SHURStain™ Automated Slide Stainer


*The SHURStain 2030 automated slide stainer was designed intelligently to address crowded workspaces, the demand for speed, convenience, and lab versatility. This 20-station stainer can run up to 5 racks, a total of 150 slides, simultaneously. Capable of both H&E and Papanicolaou (PAP) staining; it also meets requirements for certain special and user-specified staining protocols.*


-  **Compact Footprint for Versatile Placement**


The SHURStain™ 2030 is a small benchtop unit measuring only (w/d/h) 47"x17"x14". This is ideal for labs with crowded workspaces and shallow counters.
-  **Enclosed System Reduces Noxious Fumes**

The 2030 is an enclosed system with built-in fume extraction via charcoal filter.
-  **Innovative Software Achieves High-Level Productivity**

Multi-load Mode is an outstanding feature that enables the Slide Stainer to perform up to 5 processes simultaneously, utilizing 5 racks, for a total of 150 slides.
-  **Easy to Navigate, Easy to Operate**

The informative display offers intuitive feedback while staining, and easily recognizable icons help seamlessly guide the operator through adjustments and setup.
-  **Built-In Management & Reporting**

The SHURStain 2030 comes with PC software that enables you to write, edit, start and stop protocols, manage and print reports, manage errors, and perform maintenance from a personal computer.
-  **Customizable for Workflow Optimization**

Carryover can be reduced, rinse positions can be adjusted, and this unit can allow for up to 2 loading, 3 unloading, and 3 rinse stations, depending on workflow requirements.
-  **Optional Drying Station**

The 2030 now comes with an optional drying station. This function can easily be turned off if the lab requires the station for a reagent.



# SHURStain™ 3030 Automated Slide Stainer & Manual Stainers

SS-3030-120 or -220

SHURStain™ 3030 Automated Slide Stainer



## Compact Footprint for Easy Placement

The 3030 is only 36" (91.44cm) wide and can be placed on a counter top. This is ideal for labs with crowded workspaces.

## User-Friendly Touch Screen For Complete Control

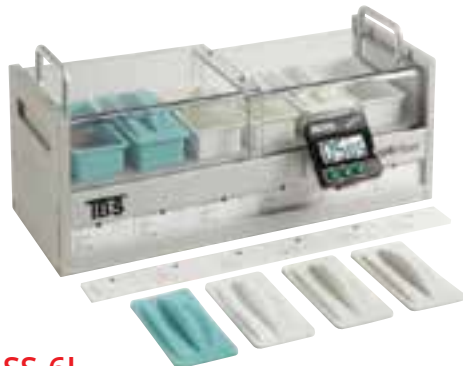
The SHURStain™ 3030 Automated Slide Stainer is equipped with a resistive 6.5" color touch screen that can store 50 programs with 50 steps per program. The rinse stations are software programmable for 1 station, and individually adjustable for 5 stations.

## Easy Protocol Management and Reporting

A USB port allows the technician to manage protocols on any computer and then import them onto the stainer with ease. The USB drive also allows the lab to export data from the interface for easier data logging and protocol management.

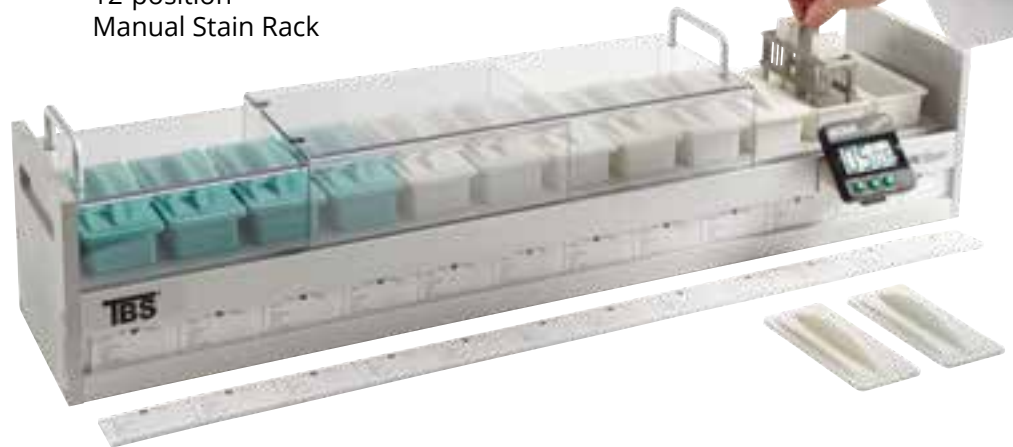


**SS-3L**  
3-position  
Manual Stain Rack



**SS-6L**  
6-position  
Manual Stain Rack

**SS-12L**  
12-position  
Manual Stain Rack



## Preferred Choice of Smaller Volume Labs

These modular stainers enable you to select the number of individual staining positions necessary to meet your histology, cytology, dermatology, immunohistochemical, hematology, microbiology or special staining application. They are produced in 3, 6, & 12 well configurations, and multiple units can be interlocked back-to-back to increase staining volume capabilities.

## Easy Access with Minimal Solvent Loss

Sliding lids keep stains and reagents covered when not in active use, preventing unwanted evaporation.





## Dependable Automated Coverslipping

*25 years of automated glass coverslipping experience have led to the development of the SHURMount™ Automated Glass Coverslipper. It is designed for user-friendly, automated coverslipping in labs where processing speed and quality control are priorities.*

### SMAGC-II

#### SHURMount™ Automated Glass Coverslipper

- ✔ **Exclusive Dispensing System Provides Bubble-Free Coverslipping**  
SHURMount™ features a unique dispensing system that eliminates bubble formation under the coverslip, providing clear optical viewing desired by pathologists.
- ✔ **Compact Footprint Requires Minimal Counter Space**  
Ideal for crowded workspaces, the small footprint gives labs maximum flexibility for instrument layout and workflow design.
- ✔ **Reliable Speed and Accuracy for Workflow Efficiency**  
A processing time of approximately 14 seconds per slide makes this coverslipper a great choice for high-volume labs.
- ✔ **Compatibility with a Variety Automated Stainers**  
The SHURMount™ can be used as a stand-alone unit or in combination with other automated stainers.
- ✔ **Intuitive User Interface for Easy Access to Essential Functions**  
The front panel interface provides complete control over all coverslipping functions.

## The Safe Solution For Manual Coverslipping

The Downdraft Fume Extractor has been renamed and is now the Manual Coverslipping Workstation. This unit offers the perfect ventilation system for histologists to safely perform **manual coverslipping applications that utilize Xylene-based mounting medium**. The microprocessor controlled fume hood is ductless, portable and easy to clean. It offers an unobstructed work surface and a user-friendly control panel.



### SC-DD-120 or -220

#### SHURClean™ Manual Coverslipping Workstation

## Safety is Always the Priority

*A clean-air workplace is essential and mandated in today's labs. Our fume hoods safely and effectively protect technicians from the hazardous fumes associated with the chemicals and solvents used in the lab.*



### ✔ Built-In Filtration For Easy Placement

The SC-36S-F fume hood has a built-in updraft filter for areas where external HVAC ventilation is not available or possible. This is an ideal solution for adding fume hoods to existing labs without the need for extensive equipment reconfiguration. Filters are available for both xylene and formalin fumes.

### ✔ User-Friendly Control Panel

The SC-36S-F fume hood features an LED control panel that enables the user to easily program and control ON/OFF times and fan speeds for optimal efficiencies and fume management.

### ✔ Top or Rear Mounted Exhaust Ports

For installations where external ventilation is available, the **SC-36S-WOME-TV** or **-RV**, and **SC-48S-WOME-TV** or **-RV**, models open-front and slope-front models are available with 6" exhaust ports that can be top or rear mounted.



**SC-36S-WOME-TV or -RV**  
**SC-48S-WOME-TV or -RV**  
6" Ports: Top or Rear Mounted  
Widths: 36" or 48"

**SC-36S-F**  
Sloped-Front Fume Hood  
Width: 36"  
Built-in Filtration



## Downdraft Fume Extractor

The Downdraft Fume Extractor has been renamed and is now the Manual Coverslipping Workstation. This unit offers the perfect ventilation system for histologists to **safely perform manual coverslipping applications that utilize Xylene-based mounting medium.** The microprocessor controlled fume hood is ductless, portable and easy to clean. It offers an unobstructed work surface and a user-friendly control panel.



SC-DD-120 or -220  
SHURClean™ Manual Coverslipping Workstation

## Simple, SAFE Staining Waste Management Solutions



Why pay HazMat fees? Our DAB (Diaminobenzidine) waste management systems provide environmentally SAFE methods with simple instructions that are cost-effective alternatives to other waste management methods. Reduce hazardous DAB waste to simple **trash can disposal!** Hands-off operations reduce exposure and minimize technical training time.






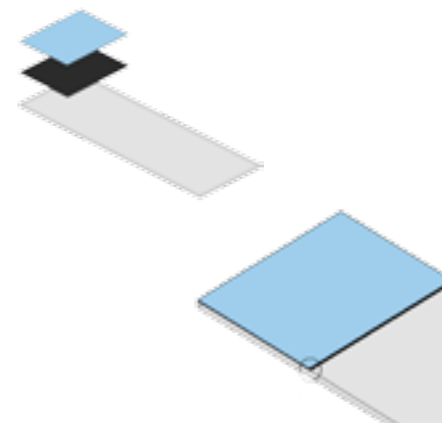






### DABOut™


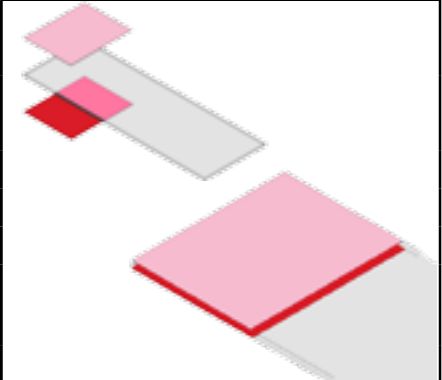






Chemically extracts Diaminobenzidine from liquid waste generated in IHC staining.

Cat. #	Description
DO-LVS-110	DABOut™, diaminobenzidine removal system for automated IHC waste, Large Volume System (LVS); Includes: 2 quick-connector adapters, disposal sealing cap & plug, stand, 60 rpm peristaltic pump, timer and 1 DABOut™ LVS cartridge (DO-LVS-C) Specifications WxDxH: (15x15x15)in, (38x38x38)cm; 14lbs, 7kg; 115VAC, 60Hz, 2A.
DO-LVS-230	DABOut™, diaminobenzidine removal system for automated IHC waste, Large Volume System (LVS); Includes: 2 quick-connector adapters, disposal sealing cap & plug, stand, 60 rpm peristaltic pump and 1 DABOut™ LVS cartridge (DO-LVS-C). Specifications WxDxH: (15x15x15)in, (38x38x38)cm; 14lbs, 7kg; 230VAC, 50Hz, 1A.

## SHURMark® Microscope Slides for Etching









A Slide Etcher utilizes a diamond stylus to permanently etch the paint from the slide. The etched content is not affected by staining, reagents (including Xylene) or physical wear. The diagrams below illustrate how a Slide Etcher can print on the SHURMark® Contrasting Slide.

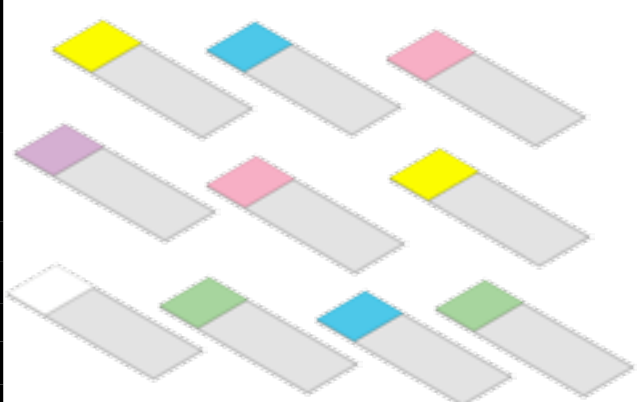
SHURMark® Contrasting Black Color Under Primary Surface Color for use with Etching Labelers							
Corners	 90° Corners		 45° Clipped Corners		 Beveled Edges		
Colors	UNCHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #	UN- CHARGED Cat #	CHARGED Cat #	
 WHITE	SM-CU-W	SM-CCU-W	SM-CU-45W	SM-CCU-45W	SM-CU-BW	SM-CCU-BW	
 BLUE	SM-CU-B	SM-CCU-B	SM-CU-45B	SM-CCU-45B	SM-CU-BB	SM-CCU-BB	
 YELLOW	SM-CU-Y	SM-CCU-Y	SM-CU-45Y	SM-CCU-45Y	SM-CU-BY	SM-CCU-BY	
 GREEN	SM-CU-G	SM-CCU-G	SM-CU-45G	SM-CCU-45G	SM-CU-BG	SM-CCU-BG	
 LILAC	SM-CU-L	SM-CCU-L	SM-CU-45L	SM-CCU-45L	SM-CU-BL	SM-CCU-BL	
 PINK	SM-CU-P	SM-CCU-P	SM-CU-45P	SM-CCU-45P	SM-CU-BP	SM-CCU-BP	









SHURMark® Contrasting Dark Color on Bottom of Slides for use with Etching Labelers						
Corners		 90° Corners				
Colors		UNCHARGED Cat #		CHARGED Cat #		
	Top	Bottom				
 WHITE	WHITE	BLACK	SM-STT-W		SM-SCTT-W	
 BLUE	BLUE	DK BLUE	SM-STT-B		SM-SCTT-B	
 YELLOW	YELLOW	RED	SM-STT-Y		SM-SCTT-Y	
 GREEN	GREEN	DK GREEN	SM-STT-G		SM-SCTT-G	
 LILAC	LILAC	BLACK	SM-STT-L		SM-SCTT-L	
 PINK	PINK	RED	SM-STT-P		SM-SCTT-P	

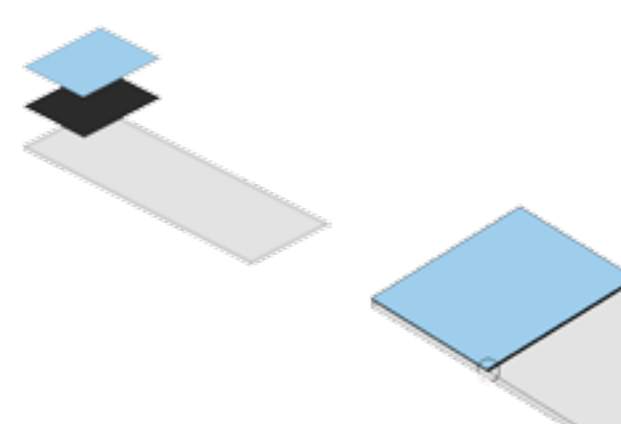
# SHURMark® Microscope Slides for Signature® Slide Printers

Designed for the Signature® Slide Printer, SHURMark® Routine Colored Microscope Slides and SHURMark® Contrasting Slides offer higher printing contrast for greater visibility and are resistant to reagent exposure and physical wear. These are the ideal slides for the Signature Slide Printer.

SHURMark® Routine Colored Microscope Slides for use with Pens & Pencils					
Corners		 45° Clipped Corners		 Beveled Edges	
Colors		UNCHARGED Cat #	CHARGED Cat #	UN- CHARGED Cat #	CHARGED Cat #
	WHITE	SM-CS-45W	SM-CCS-45W	SM-CS-BW	SM-CCS-BW
	BLUE	SM-CS-45B	SM-CCS-45B	SM-CS-BB	SM-CCS-BB
	YELLOW	SM-CS-45Y	SM-CCS-45Y	SM-CS-BY	SM-CCS-BY
	GREEN	SM-CS-45G	SM-CCS-45G	SM-CS-BG	SM-CCS-BG
	LILAC	SM-CS-45L	SM-CCS-45L	SM-CS-BL	SM-CCS-BL
	PINK	SM-CS-45P	SM-CCS-45P	SM-CS-BP	SM-CCS-BP




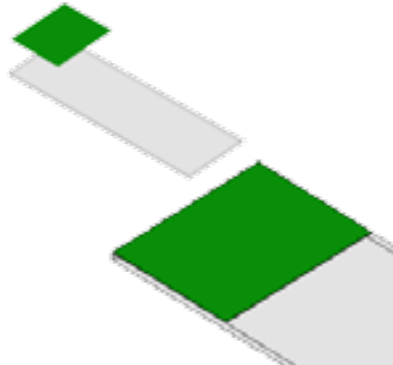








SHURMark® Contrasting Black Color Under Primary Surface Color for use with Etching Labels					
Corners		 45° Clipped Corners		 Beveled Edges	
Colors		UNCHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #
	WHITE	SM-CU-45W	SM-CCU-45W	SM-CU-BW	SM-CCU-BW
	BLUE	SM-CU-45B	SM-CCU-45B	SM-CU-BB	SM-CCU-BB
	YELLOW	SM-CU-45Y	SM-CCU-45Y	SM-CU-BY	SM-CCU-BY
	GREEN	SM-CU-45G	SM-CCU-45G	SM-CU-BG	SM-CCU-BG
	LILAC	SM-CU-45L	SM-CCU-45L	SM-CU-BL	SM-CCU-BL
	PINK	SM-CU-45P	SM-CCU-45P	SM-CU-BP	SM-CCU-BP







## SHURMark® Microscope Slides for Leica & Sakura Printers

The SHURMark® **PLUS** Color-Frosted Slides are ideal for the Leica IP C and Sakura Tissue-Tek® AutoWrite® inkjet printers. The specialty coating is designed to absorb the ink quickly while remaining resistant to reagent exposure and physical wear.

SHURMark® PLUS Color-Frosted Slides for use with Ink-Jet Labelers, Pens & Pencils							
Corners	 90° Corners		 45° Clipped Corners		 Beveled Edges		
Colors	UNCHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #	
 WHITE	SMP-STT-W	SMP-SCTT-W	SMP-STT-45W	SMP-SCTT-45W	SMP-STT-BW	SMP-SCTT-BW	
 BLUE	SMP-STT-B	SMP-SCTT-B	SMP-STT-45B	SMP-SCTT-45B	SMP-STT-BB	SMP-SCTT-BB	
 YELLOW	SMP-STT-Y	SMP-SCTT-Y	SMP-STT-45Y	SMP-SCTT-45Y	SMP-STT-BY	SMP-SCTT-BY	
 GREEN	SMP-STT-G	SMP-SCTT-G	SMP-STT-45G	SMP-SCTT-45G	SMP-STT-BG	SMP-SCTT-BG	
 LILAC	SMP-STT-L	SMP-SCTT-L	SMP-STT-45L	SMP-SCTT-45L	SMP-STT-BL	SMP-SCTT-BL	
 PINK	SMP-STT-P	SMP-SCTT-P	SMP-STT-45P	SMP-SCTT-45P	SMP-STT-BP	SMP-SCTT-BP	

## SHURMARK® MICROSCOPE PLAIN SLIDES

SHURMark® Plain Microscope Slides				
Corners	 90° Corners	 45° Clipped Corners	 Beveled Edges	
Style	UNCHARGED Cat #	UNCHARGED Cat #	UNCHARGED Cat #	
Plain	SM-PTT	SM-PTT-45	SM-PTT-B	

SHURMark®  
Beveled Edge Slides  
are more comfortable  
and easier  
to handle

## SHURMark® Microscope Slides for Thermo Slidemate Printers

The Thermo SlideMate™ utilizes a specialty ribbon formulation, print head and slide surface to transfer content. The imprints are resistant to reagent exposure and physical wear. The SlideMate™ can print on the SHURMark® Routine Colored, SHURMark® Contrasting and SHURMark® Frosted Slides.

### SHURMark® Routine Colored Microscope Slides for use with Pens & Pencils

Corners	90° Corners		45° Clipped Corners		Beveled Edges			
	UNCHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #		
○	WHITE	SM-CS-W	SM-CCS-W	SM-CS-45W	SM-CCS-45W	SM-CS-BW	SM-CCS-BW	
●	BLUE	SM-CS-B	SM-CCS-B	SM-CS-45B	SM-CCS-45B	SM-CS-BB	SM-CCS-BB	
●	YELLOW	SM-CS-Y	SM-CCS-Y	SM-CS-45Y	SM-CCS-45Y	SM-CS-BY	SM-CCS-BY	
●	GREEN	SM-CS-G	SM-CCS-G	SM-CS-45G	SM-CCS-45G	SM-CS-BG	SM-CCS-BG	
●	LILAC	SM-CS-L	SM-CCS-L	SM-CS-45L	SM-CCS-45L	SM-CS-BL	SM-CCS-BL	
●	PINK	SM-CS-P	SM-CCS-P	SM-CS-45P	SM-CCS-45P	SM-CS-BP	SM-CCS-BP	

### SHURMark® Contrasting Black Color Under Primary Surface Color for use with Etching Labelers

Corners	90° Corners		45° Clipped Corners		Beveled Edges			
	UNCHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #	UN-CHARGED Cat #	CHARGED Cat #		
○	WHITE	SM-CU-W	SM-CCU-W	SM-CU-45W	SM-CCU-45W	SM-CU-BW	SM-CCU-BW	
●	BLUE	SM-CU-B	SM-CCU-B	SM-CU-45B	SM-CCU-45B	SM-CU-BB	SM-CCU-BB	
●	YELLOW	SM-CU-Y	SM-CCU-Y	SM-CU-45Y	SM-CCU-45Y	SM-CU-BY	SM-CCU-BY	
●	GREEN	SM-CU-G	SM-CCU-G	SM-CU-45G	SM-CCU-45G	SM-CU-BG	SM-CCU-BG	
●	LILAC	SM-CU-L	SM-CCU-L	SM-CU-45L	SM-CCU-45L	SM-CU-BL	SM-CCU-BL	
●	PINK	SM-CU-P	SM-CCU-P	SM-CU-45P	SM-CCU-45P	SM-CU-BP	SM-CCU-BP	

### SHURMark® Frosted Microscope Slides

Corners	90° Corners		45° Clipped Corners		Beveled Edges		
	UN-CHARGED Cat #	CHARGED Cat #	UNCHARGED Cat #	CHARGED Cat #	UN-CHARGED Cat #	CHARGED Cat #	
Frosted One End, One Side	SM-SSF	SM-SSFC	SM-SSF-45	SM-SSFC-45	SM-SSF-B	SM-SSFC-B	
Frosted One End, Two Sides	SM-DSF	SM-DSFC	SM-DSF-45	SM-DSFC-45	SM-DSF-B	SM-DSFC-B	

Our premium cover glass is made from pure white flat sheets of hydrolytic Class I borosilicate glass (refractive index  $n_e=1.525\pm 0.0015$ ) in accordance with Din ISO 8255-1:2003-05. Ultrasonically pre-cleaned, packaged in plastic boxes with moisture absorbing desiccant and then hermetically sealed outer packaging for longer shelf life. No auto-fluorescence. Ideal for use in automated coverslipping instruments.



Hermetically sealed outer packaging for longer shelf life in humid environments

## No. 1.5

Cat. #	Description 1oz/ea; 10ea/ pk	Thickness (mm)	# of pcs/ea
SM-2222-1A	(22x22)mm	0.16 - 0.19	134
SM-2240-1A	(22x40)mm	0.16 - 0.19	74
SM-2250-1A	(22x50)mm	0.16 - 0.19	60
SM-2430-1A	(24x30)mm	0.16 - 0.19	90
SM-2440-1A	(24x40)mm	0.16 - 0.19	68
SM-2450-1A	(24x50)mm	0.16 - 0.19	56
SM-2455-1A	(24x55)mm	0.16 - 0.19	50
SM-2530-1A	(25x30)mm	0.16 - 0.19	89

## No. 1

Cat. #	Description 1oz/ea; 10ea/pk	Thickness (mm)	# of pcs/ea
SM-1818-1	(18x18)mm	0.13 - 0.17	233
SM-2020-1	(20x20)mm	0.13 - 0.17	190
SM-2222-1	(22x22)mm	0.13 - 0.17	156
SM-2230-1	(22x30)mm	0.13 - 0.17	114
SM-2232-1	(22x32)mm	0.13 - 0.17	103
SM-2240-1	(22x40)mm	0.13 - 0.17	87
SM-2250-1	(22x50)mm	0.13 - 0.17	70
SM-2260-1	(22x60)mm	0.13 - 0.17	58
SM-2424-1	(24x24)mm	0.13 - 0.17	130
SM-2430-1	(24x30)mm	0.13 - 0.17	105
SM-2432-1	(24x32)mm	0.13 - 0.17	100
SM-2440-1	(24x40)mm	0.13 - 0.17	80
SM-2450-1	(24x50)mm	0.13 - 0.17	65
SM-2455-1	(24x55)mm	0.13 - 0.17	58
SM-2460-1	(24x60)mm	0.13 - 0.17	54
SM-2530-1	(25x30)mm	0.13 - 0.17	104
SM-2540-1	(25x40)mm	0.13 - 0.17	79
SM-2550-1	(25x50)mm	0.13 - 0.17	63

## No. 2

Cat. #	Description 1oz/ea; 10ea/pk	Thickness (mm)	# of pcs/ea
SM-1818-2	(18x18)mm	0.19 - 0.23	170
SM-2020-2	(20x20)mm	0.19 - 0.23	138
SM-2222-2	(22x22)mm	0.19 - 0.23	113
SM-2230-2	(22x30)mm	0.19 - 0.23	83
SM-2232-2	(22x32)mm	0.19 - 0.23	75
SM-2240-2	(22x40)mm	0.19 - 0.23	64
SM-2250-2	(22x50)mm	0.19 - 0.23	51
SM-2260-2	(22x60)mm	0.19 - 0.23	42
SM-2424-2	(24x24)mm	0.19 - 0.23	95
SM-2430-2	(24x30)mm	0.19 - 0.23	76
SM-2432-2	(24x32)mm	0.19 - 0.23	73
SM-2440-2	(24x40)mm	0.19 - 0.23	59
SM-2450-2	(24x50)mm	0.19 - 0.23	47
SM-2455-2	(24x55)mm	0.19 - 0.23	42
SM-2460-2	(24x60)mm	0.19 - 0.23	39
SM-2530-2	(25x30)mm	0.19 - 0.23	75
SM-2540-2	(25x40)mm	0.19 - 0.23	58
SM-2550-2	(25x50)mm	0.19 - 0.23	65



## Staining - Consumables & Reagents



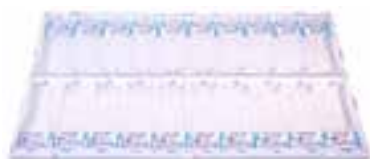
### Glass/Plastic Staining Dishes & Rack

Cat. #	Description
SD-5-G	Vertical Staining Dish, Glass, 5-positions; 1pcs/ea; 5ea/pk, 10pk/cs
SD-10-G	Horizontal Staining Dish, Glass, 10-positions; 1pcs/ea; 5ea/pk, 10pk/cs
SS-WLW	Staining Dish, 24-position, ABS, WHITE; 15/cs
SS-WLG	Staining Dish, 24-position, ABS, GREEN; solvent resistant; 15/cs
SS-SRG-24	Staining Slide Rack, 24-position, ABS, GREY; 5/pk



### Slide Drying Stand

Cat. #	Description
SDS	Slide Drying Stand, 77 slide capacity, white, HDPE, stain resistant. (0.5 x 7 x 11.75) in.; 1pcs/ea



### CLEARView™ Slide Holder

CLEARView™ allows the viewer to scan slide barcodes without having to open the lid.

Cat. #	Description
CVSH-W	20-Position Slide Holder with double-hinged clear cover, ABS. 10ea/pk, 2pk/cs. Color: WHITE (W)

### SHURMount™ Mounting Medium



#### LC (Liquid Coverglass)

- No glass coverslips, liquid cover glass
- Ideal for uneven or thick sections
- Toluene based media; compatible with most staining procedures
- Easily removable
- Refractive index near 1.48



#### LC-A

- Low Viscosity, xylene based mounting medium
- No fading or yellowing during long-term storage
- Compatible with xylene & toluene staining procedures
- Ideal for using on automated stainer
- Refractive index is 1.484



#### LC-W

- Water-based media
- No warming necessary
- Ideal for use with most immunofluorescent staining
- Retains fluorescence stain after long-term storage
- Good refractive index 1.454-1460

Cat. #	Description
LC	SHURMount™ Liquid cover glass for manual coverslipping, toluene-based, twist spout disposable bottle; 4oz (118ml)/ea, 12ea/cs.
LC-A	SHURMount™ Low Viscosity Mounting medium, Xylene based for automated coverslippers; 16oz (471ml)/ea, 4 ea/cs
LC-W	SHURMount™ Mounting medium, Water based for immuno procedures; 20ml/ea, 4 ea/cs

## Routine Stains



Cat. #	Description	Cat. #	Description
E-1Y1P	Eosin Y, 1%, 16 oz/ea	H-HAMF-1P	Harris Hematoxylin, Acidified, Mercury free, 500ml/ea.
E-YP50GR	Eosin Y Certified Powder, 50gm/ea.	L-B1G	Lithium Blue, Buffered, 8.0 pH, 1gal/ea.
H-G21L	Gills 2 Hematoxylin, 1L/ea.	R-SB1G	Scott's Bluening Reagent, 1gal/ea.
H-G31-L	Gills-3 Hematoxylin, 1L/ea.		

## Special Stains - additional stains available upon request.



Cat. #	Description
SPS-ZN	AFB Ziehl-Neelson Kit (Hot Method); 8oz/ea.
SPS-ABP	Alcian Blue Pas Stain Kit; 500ml/ea.
SPS-CI	Colloidal Iron Stain Kit; 500ml/ea.
SPS-MG	Differential Quik Stain Kit (Modified Giemsa); 500ml/ea.
SPS-F	Fontana Masson Stain Kit; includes: 100ml/ea. Ammonium Hydroxide and 500ml/ea. of Silver Nitrate, Gold Chloride, and Nuclear Fast Red in nalgene bottles.
SPS-GSI	Gram's Stain Kit with Iodine; 1gal/ea.
SPS-MTS	Masson's Trichrome Stain Kit is used for the detection of collagen fibers in tissues such as skin and heart. May be used with formalin-fixed, paraffin-embedded or frozen sections. Collagen fibers stained blue, nuclei stained black and cytoplasm, muscle and erythrocytes stained red. Kit includes 250ml/ea. of Weigert's Iron Hematoxylin A&B and 500ml/ea. of Bouin's Fixative, Biebrich Scarlet - Acid Fuchsin Solution, Phosphotungstic/Phospholybdc Acid, Aniline Blue and 1% Acetic Acid in nalgene bottles.
SPS-PAS	Periodic Acid Schiff's (PAS) Stain; 250ml/ea.
SPS-PBI	Prussian Blue Iron Stain Kit (reaction for demonstration of iron); 250ml/ea.
SPS-GE	Verhoeff Van Gieson Elastin Stain Kit; 500ml/ea.

### SHURDry™ Slide Dryer II



SD-II-120 or -220

Dries  
2 slide racks  
in less than  
one hour



#### See-through Glass Allows for Easy Monitoring

Convenient for cleaning and provides the histologist the visibility needed for examining contents without releasing heat by opening doors.



#### Perfect Solution for Small Volume Labs

With an internal dimension of 10 x 4.75 x 3.25 (in) it can accommodate multiple slide stainer racks.



#### Easy-To-Read Indication Lights Assist With Heat Control

The Amber indication light located beside the temperature control informs the user when the heat is on. The Red indicator light offers protection and informs the user if overheating can occur.



#### Dries Slides Quickly

Able to dry two slide stainer racks within 20 minutes to 1 hour.



#### Small Footprint Easily Fits on Counter Tops

### SHURDry™ Slide Dryer III



#### Unique Glass Doors and Sides Allow for Easy Monitoring

Lab personnel have a 180° view of the interior contents, making it easy to visually check the status of items without opening the doors and losing heat.



#### Maintains Temperature for Maximum Efficiency

SHURDry™ III dual-speed fan keeps a constant temperature throughout the interior. When doors are open, the fan speed changes to minimize the loss of heat.



#### Large Capacity Interior Adjusts for Flexibility

Adjustable shelf can accommodate any size slide rack, bowl or container.



#### Keeps Paraffin Liquefied Between Runs

SHURDry™ III design makes storage of melted paraffin for microwave processing highly efficient. It eliminates the need to remelt the paraffin and can save on waste & consumable cost.



#### Operator Defined Programs to Control Drying Times

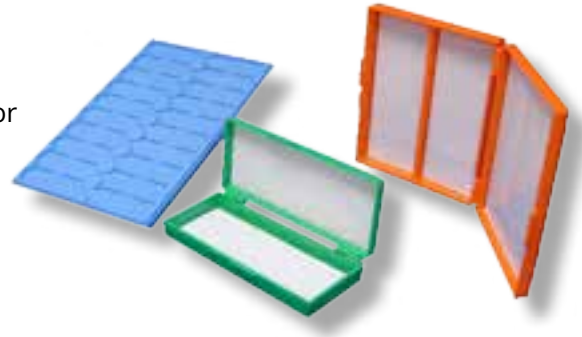
The control panel utilizes six function keys that are available with two built-in timers for multi-user drying times. Programmable keys can be set to accommodate up to six different times (six different users), and a distinct alarm will sound when each item is ready to be removed.



SD-III-120 or -220

## Microscope Slide Boxes, Mailers, Holders & Folders

We carry a wide assortment of sizes and colors for Microscope Slide boxes, mailers, holders & folders. Please contact your local distributor or Sales Representative for ordering details.



### CLEARView™ Slide Holder

CLEARView™ allows the viewer to scan slide barcodes without having to open the lid.

Cat. #	Description
CVSH-W	20-Position Slide Holder with double-hinged clear cover, ABS. 10ea/pk, 2pk/cs. Color: WHITE (W)



### SHURStor™ Slide & Cassette Storage File

For permanent cassette and microscope slide storage. Lightweight, yet sturdy. An affordable price allows you to store 5,000 cassettes or 20,000 slides.

Cat. #	Description
SF-B	SHURStor™ Tissue Block Storage w/8 drawers, capacity 500 cassettes/file; 10 stackable files/cs. Specifications: WxDxH (11.50 x 11.50 x 3.50)in
SF-S	SHURStor™ Slide Storage File w/4 drawers, capacity 2000 slides/file; 10 stackable files/cs. Specifications: WxDxH (11.50 x 11.50 x 3.50)in



### Glass/Plastic Staining Dishes & Rack

Cat. #	Description
SD-5-G	Vertical Staining Dish, Glass, 5-positions; 1pcs/ea; 5ea/pk, 10pk/cs
SD-10-G	Horizontal Staining Dish, Glass, 10-positions; 1pcs/ea; 5ea/pk, 10pk/cs
SS-WLW	Staining Dish, 24-position, ABS, WHITE; 15/cs
SS-WLG	Staining Dish, 24-position, ABS, GREEN; solvent resistant; 15/cs
SS-SRG-24	Staining Slide Rack, 24-position, ABS, GREY; 5/pk





### Acetone, EM Grade

For hardening and dehydrating of tissue. EM grade Acetone can also be used for the extraction of various principles from animal and plant substances.

Cat. #	Description
A-EM16	Acetone, EM Grade, 99%, 1L/ea; See SDS for HAZ-MAT handling requirements under transportation on Air Shipments; Store at 25°C
A-EM4L	Acetone, EM Grade, 99%, 4L/ea; See SDS for HAZ-MAT handling requirements under transportation on Air Shipments; Store at 25°C



### Brush Set

Cat. #	Description
BR-ST	Brush Set, w/fine flexible bristles, 1/8", 1/4" & 3/8" (width); 1 for each size/pk



### SHURLube™ Microtome Lubricant

SHURLube™ lubricating oil cleans, lubricates and protects in extreme temperature environments.

Cat. #	Description
H-LUB	Available in 3/4 oz/ea; 6ea/cs



### SHURFreeze™ Cryogen Spray

Tissue blocks can now be cooled with environmentally friendly refrigerant that meets federal specifications for reduced ozone depletion.

Cat. #	Description
FRZ-1	SHURFreeze™ Cryogen spray with nozzle, 12 oz. can w/10 oz. fill; Environmentally safe, does not contain dichlorodifluoromethane; 12 ea/cs See MSDS for HAZ-MAT handling requirements

## LabCycle - Scalable Specimen Identification, Tracking and Reporting Software

A scalable software solution used to identify specimens throughout the histopathology laboratory's processes, LabCycle provides labeling for specimen requisitions, containers, cassettes and slides. When utilizing the solution to its full potential, LabCycle tracks data at each level of specimen processing, documenting individual interaction with each barcoded specimen along with time stamps and locality. LabCycle's built-in reporting and dashboards display real-time allocation of laboratory resources, while the simple configuration tools allow laboratories to customize the amount of specimen data to capture.

### ✓ User-Friendly

- Intuitive user screens make it easier to learn the software minimizing the training period
- Customizable prompts allow specific laboratory terms to be utilized
- Role-based access allows users to only view their assigned modules

### ✓ Scalable

- Laboratories decide how much of the system to implement
- Supports multiple sites
- Modules can be implemented in phases

### ✓ Specimen Information

- Real-time access to a specimen's current location
- Ability to view a specimen's history
- Tracking of instruments used to process the specimen

### ✓ Dashboard and Reports

- Easily view the number of specimens processed
- View key performance indicators (KPIs) such as turnaround time (TAT)
- Locate specimens that have not moved throughout the laboratory within an expected timeframe

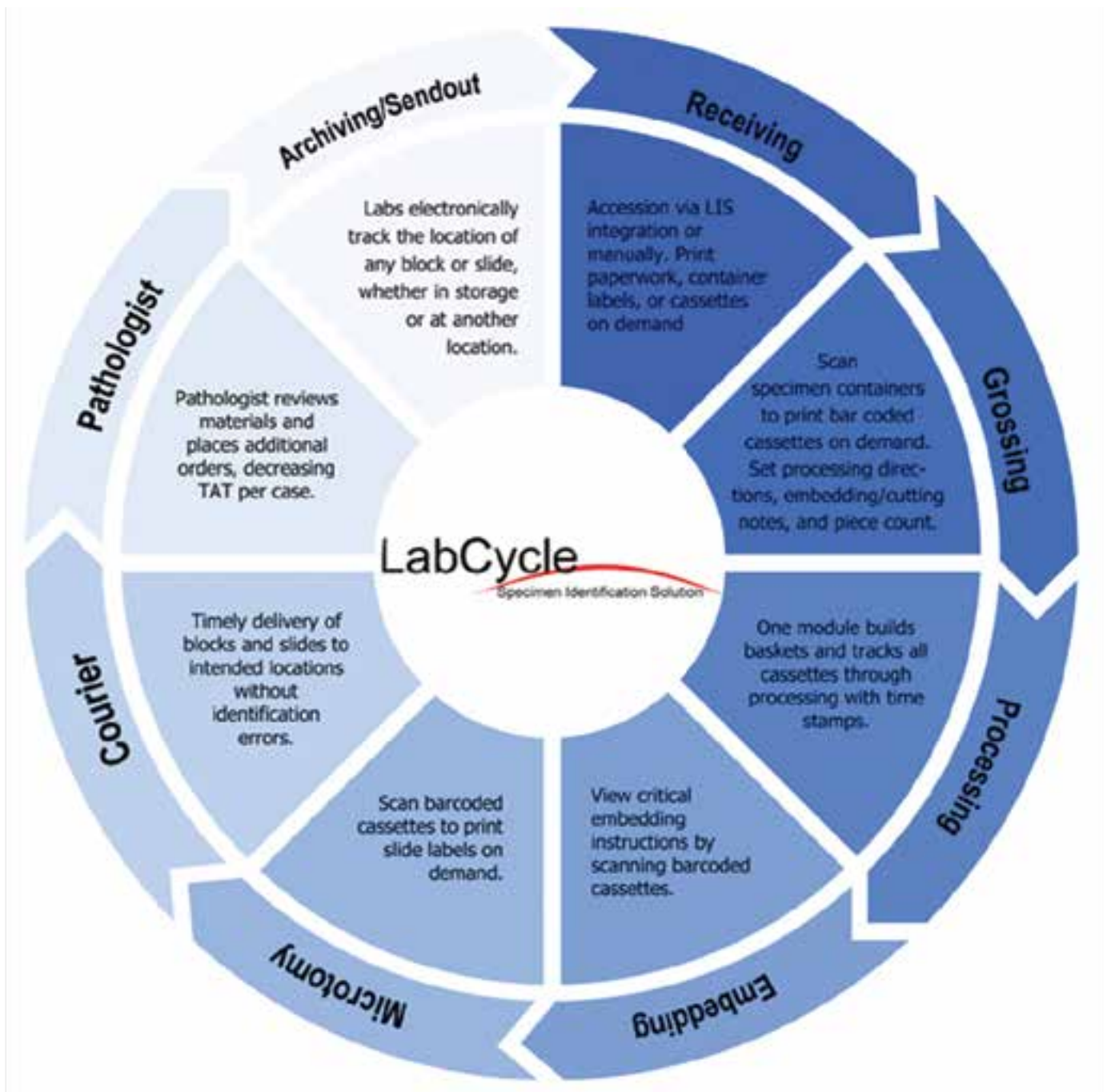
### ✓ Hardware Compatibility

- Option to utilize existing modern computer systems (meeting minimum system requirements)
- Native support for existing ID/Positive barcode scanners, slide labelers and laser cassette markers
- Ability to use compatible barcode scanners, slide labelers and cassette printers



## A Complete Laboratory Solution

LabCycle is part of General Data's ID/Positive family of barcode specimen identification, tracking and workflow management solutions for laboratories. With ID/Positive cassette markers, slide labelers, barcode scanners and LabCycle, laboratories will have everything they need to positively and reliably identify, track and manage specimens throughout their entire laboratory process, start to finish. Laboratories trust ID/Positive to eliminate specimen misidentification, streamline laboratory workflow, increase productivity and throughput, and enhance overall patient safety.



## LabCycle Benefits

- + System can be interfaced to the Laboratory Information System (LIS), or data can be entered directly into the system
- + Ability to select the modules that would most benefit the laboratory
- + Identifies and tracks specimens
- + One-to-one verification minimizes human error
- + Enhances patient safety
- + Provides the location and history of each specimen

### Capabilities and Partners

General Data has developed strategic partnerships with the industry's leading hardware and technology providers. Our customers rely on this extensive product and technology "know-how" to determine the right mix of products and technologies for their application, environment, and objectives. Here are **just a few** of our partners:

#### Honeywell

Honeywell Sensing and Productivity Solutions is a global leader providing productivity solutions built around our high-performance data collection hardware including mobile computers, voice-enabled software, barcode scanners, radio frequency identification (RFID), and workflow printing solutions.

General Data is a **Honeywell Platinum Performance Partner** - with the highest level of sales and technical certifications for a number of Honeywell products, services and solutions.

#### Zebra Technologies

A global leader respected for innovation and reliability, Zebra Technologies has an extensive portfolio of scanning, data capture, WLAN and printing technologies that illuminate mission-critical information to help customers make smarter business decisions.

General Data is a **Zebra Premier Solution Partner** - with the highest level of sales and technical certifications for a number of Zebra products, services and solutions.

#### DataLogic

As a total solutions provider, Datalogic has a long history of creating innovative barcode readers, data collection mobile computers, sensors, vision systems and laser marking systems that meet the ever-changing demands of healthcare and other industries. As a DataLogic partner, we are recognized for providing unique value with our product and systems knowledge to complement their technology offerings.

#### NiceLabel

NiceLabel is a leading global developer of label and marking productivity software solutions. NiceLabel's design, print, and management solutions are modular, easily configurable and scalable so they enable best practice labeling processes to be implemented quickly.



## Toner and Supplies



General Data has an extensive selection of OEM and remanufactured printer supplies, including ink cartridges, toner cartridges and impact ribbons. Our printer supplies experts can help you save money by controlling printer costs. Make sure you are using the right printer supplies for your particular needs. Find the right toner, ink and printer supplies for any or all of your printers, including color laser and inkjet printers.



### Integrator and Service Provider

General Data provides integration services between your hardware and existing system platforms. We can write interfaces, develop custom applications, and provide database integration, or much more, depending upon your individual needs. General Data also provides equipment service for every area of your facility; also customized to your needs. Here are just a few of our partners and services:

**Premier Integrator:  
Barcoding & Wireless  
Infrastructure**

**Instrumentation  
& Printer Repair**

**Histology  
Instrumentation  
Repair**

# Honeywell



# DATALOGIC™



# Epic

# MEDITECH

# sunquest.



### Printer and Barcode Equipment Service

General Data provides reliable repair and maintenance service for histology instrumentation, and within the rest of the healthcare facility; printers, barcode label printers, data capture equipment, scanners, and mobile computing devices.

General Data's highly trained, certified technicians are experts at keeping everything in to working condition. Our standards meet or exceed specifications for service - our commitment to reliable, trouble-free service is unparalleled.



#### Service Plans with Choices to Fit Every Need

- Customize equipment, frequency, and types of service just for you

#### Service Contracts

- Simplify the process of maintenance and repair

#### Service Advantage

- Ensure critical equipment is in top working order
- Control repair costs, improve productivity
- Warranty upgrade terms available for up to five years

#### Depot and On-Site Service

- Ship to us, or we'll come to you

#### Nationwide Repair Service

- Email or web form available 24/7/365
- Or call to schedule Mon.-Fri.

#### Authorized Warranty Service

- For many manufacturers, we are certified to provide factory-authorized warranty service

#### Managed Print Choices

- Customized plan of equipment service options
- Media & printer consumables tailored specifically to your needs



To find out more, visit our site at [www.general-data.com](http://www.general-data.com), click on the **Equipment Service and Repair icon**.



Or email us at [talktous@general-data.com](mailto:talktous@general-data.com), or call us at **844-643-1129**. We look forward to your call!

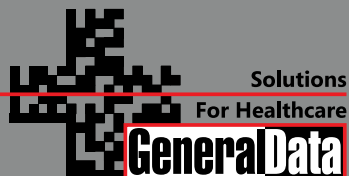
## More Information

**PH: 844.643.1129**

**[www.general-data-healthcare.com](http://www.general-data-healthcare.com)**

*General Data Healthcare helps labs enhance productivity and improve workflow with innovative products, solutions and support that focus on delivering better patient safety & care.*

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