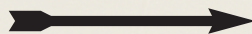


**Shandon
MicroWriter™
Labeler Series**

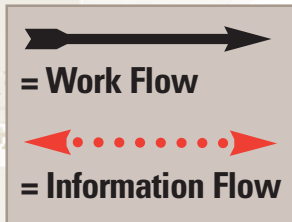


Histology Workflow and Specimen Tracking

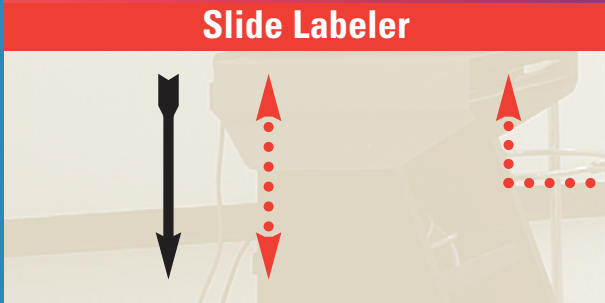
Made easier and more efficient using Shandon MicroWriter™ Series Labelers.

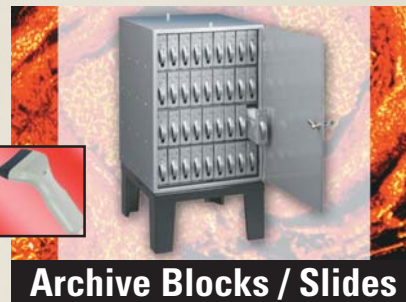
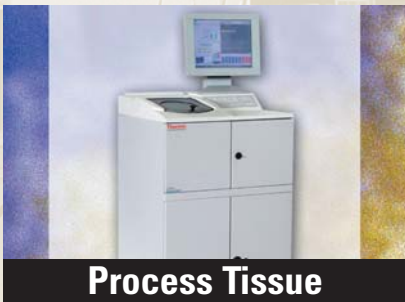


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(Request for Additional Testing)





Shandon Laser MicroWriter™

First laser labeling system developed specifically for anatomical pathology.

NEW

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The Shandon Laser MicroWriter system provides solutions that meet the most critical needs of a high- volume clinical or research laboratory – *proper identification of the sample.*

Labeling options offered by the system provide accuracy and flexibility as well as the ability to track a specimen throughout the preparation and storage cycle.

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Flexibility

- The Shandon Laser MicroWriter™ can print **1-D and 2-D barcodes, laboratory and professional logos, and graphics, all in 26 different fonts.**
- Can print **in any orientation** (horizontally, vertically, inverted, etc.).
- The Shandon Laser MicroWriter **prints clearly and legibly** on any standard micro slide.
- **Can adapt to multiple slide requirements** including multi-color slide loading and sorting of slides for special needs, such as special stain slides.
- The Shandon Laser MicroWriter can operate **using six different slide colors simultaneously.**

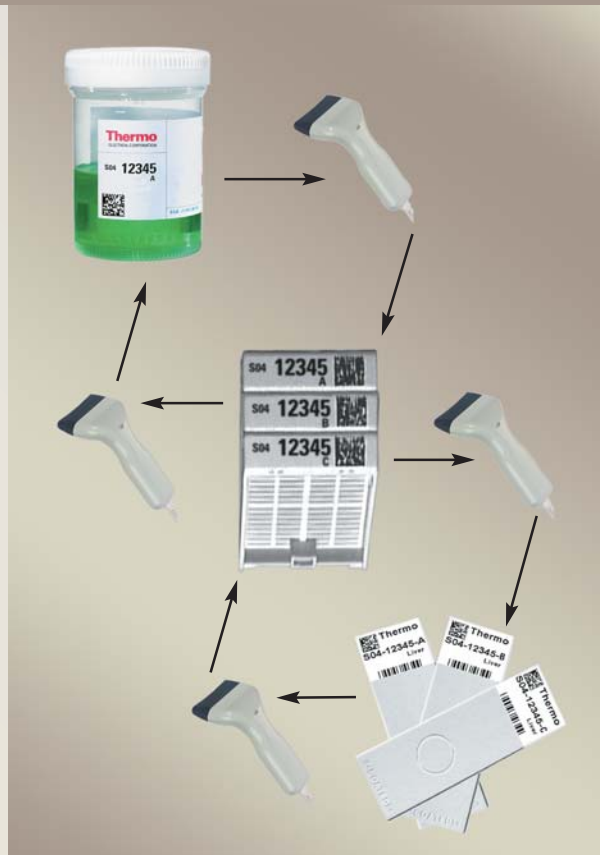
Ease of Use

- The Shandon Laser MicroWriter **can use existing barcode labeling systems to simplify and expedite data entry,** reducing sample identification errors due to clerical mistakes.
- The communication mode for the Shandon MicroWriter software **is compatible with all other software manufacturers,** making interfacing into any LIS easy and seamless.
- The Shandon MicroWriter software helps to keep the **involvement of your busy IT Department to a minimum.**
- Slide handling is a snap – the Shandon Laser MicroWriter's **easy to load, organize and unload micro slides** reduces excessive handling.





Capacity

- The delivery and **collection carousel has high capacity** – each carousel holds 432 micro slides.
- **Each carousel has six positioned hoppers** to allow for rapid change of slide color or type; additional carousels can offer extended capacity.



Productivity and Efficiency Improvements

- **No more time-consuming hand labeling and re-labeling of slides.**
- The Shandon Laser MicroWriter has eliminated the use of ink, paper labels, cleaning fluid or specialized slides – **consumables are practically nonexistent and operating costs are kept to a minimum.**
- High capacity and speed generated by the Shandon Laser MicroWriter (one second per slide for text only, two seconds per slide for bar code printing) **makes your laboratory more efficient.**
- **The legibility of the print** allows slides etched on the Shandon Laser MicroWriter to be read by other laboratory equipment such as scanners and analyzers.

 <p>Thermo S04-12345-A Liver</p> 	 <p>Anywhere Hosp 123 State St.</p> <p>EX- 4081</p>	<p>Thermo Laboratories</p> <p>S04-01982-e-2 Shandon, Emily DOB 1/22/61</p> <p>Papspin www.thermo.com</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">History</p>
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Shandon Laser MicroWriter™ Organizer Cart



Organize your Shandon Laser MicroWriter™ to further enhance your productivity.

The Shandon Laser MicroWriter Organizer is designed to house the different modules of the Laser MicroWriter to provide full mobility and space savings in your laboratory. You should not have to compromise your valuable laboratory bench space with the installation of a high throughput slide labeler.

Description	Order Number	
Shandon Laser MicroWriter Organizer Cart	110V	B35310013
Shandon Laser MicroWriter Organizer Cart	240V	B35310014



Top drawer is great for general storage.

Shandon Laser MicroWriter™ Slide Labeler Specifications

Description	Order Number	
Shandon Laser MicroWriter	complete system	B35300014
includes Organizer cart; Dell® PC and Touch-Screen Monitor; 110-120V		
Shandon Laser MicroWriter	complete system	B35300013
includes Organizer cart; Dell® PC and Touch-Screen Monitor; 220-240V		
Shandon Laser MicroWriter	with Dell® PC	B35300012
includes Touch-Screen Monitor; 110-120V		
Shandon Laser MicroWriter	with Dell® PC	B35300011
includes Touch-Screen Monitor; 220-240V		
Shandon Laser MicroWriter	base unit	B35300002
without controlling PC; with RS232; Serial Interface; network-ready; 110-120V		
Shandon Laser MicroWriter	base unit	B35300001
without controlling PC; with RS232; Serial Interface; network-ready; 220-240V		

Physical Specifications

Dimensions (H x W x D)

Transport Unit: 21.4" x 29.1" x 22.7" (54.4 x 73.8 x 57.6 cm)

Controller Unit: 9.3" x 18.9" x 15.9" (23.7 x 48.0 x 40.5 cm)

Fume Extractor: 28.1" x 16.9" x 16.9" (71.5 x 43.0 x 43.0 cm)

Weight (total)

230 lbs. (115 kg)

Power Requirements

110 or 240V, 50/60 Hz; 1,100 VA

Capacity

Six hoppers per unit; each hopper holds 72 slides

Available Accessories

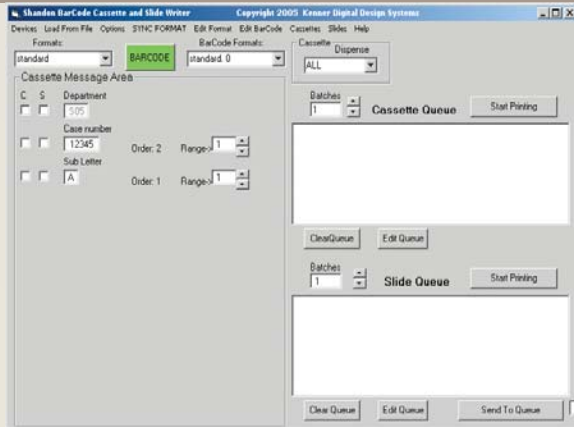
Available Accessories	Order Number
Barcode Reader for Linear Barcodes	B35310017
Barcode Reader for 2-D Barcodes	B35310006
Shandon BarcodeWriter Software	B35310015
Dispense Carousel	B35310001
Collection Carousel	B35310002
Shandon MicroWriter Universal Interface	B35310003
Shandon MicroWriter Universal Interface Developer	B35310004
Dell Controller PC and touchscreen monitor; 110-120V, 50/60Hz	B35310005
Dell Controller PC and touchscreen monitor; 220-240V, 50/60Hz	B35310016
Shandon Laser MicroWriter Gold Service Plan (see p. 20)	B35300002C
Shandon Laser MicroWriter Bronze Service Plan (see p. 20)	B35300002CPM



Second and third drawers house Dell® PC and DSL unit.

Shandon MicroWriter™ Software

Packages designed to maximize the flexibility of the Shandon MicroWriter Series.



Several different software packages are available for the Shandon MicroWriter series of labelers. All are designed to provide simplicity and flexibility, allowing users of any skill set to easily perform data entry.

The software packages offer different features and can be customized to your needs and operate the entire range of Shandon slide and cassette labelers.

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Shandon MicroWriter Software Version 2.5A

A basic software package that sends data to one labeler at a time. The software uses 8 total data fields that can be configured as fixed, open or counter fields. Allows up to three automatic incrementing fields that make printing multiple cassettes or slides easy.

Shandon MicroWriter Plus Version 3.22

This version significantly reduces data entry time by printing both slide and cassette labeler simultaneously. Data is entered once, reducing data entry time by 50%. Data can also be imported automatically from CSV type files, completely eliminating data-entry time.

Shandon MicroWriter Network Plus Version 3.6

Sends the entered data to a text file rather than sending directly to a serial port. This enables sending data across a network from multiple computers to a single labeling device.

Shandon BarcodeWriter

The Shandon BarcodeWriter program is an essential tool in automating production and traceability of cassettes and slides in today's busy laboratory.

Offers all of the useful features of previous software, with the ability to imprint a 2-D, data matrix barcode on slides and cassettes. Provides the ability to use a barcode scanner to enter data using standard barcodes. The import feature is fully configurable so that requisition barcodes can be read and the data configured to automatically print cassettes or slides.

Print jobs can automatically be sent to the labeler, bypassing the print queue.

Standard Data Matrix Barcode holds approximately 45 standard characters.

	MicroWriter Version 2.5a	MicroWriter Plus Version 3.22	MicroWriter Network Plus Version 3.6	BarcodeWriter Version 2.0
Prints Text (Alpha-numeric)	Yes	Yes	Yes	Yes
Prints roman numerals	Yes	Yes	Yes	Yes
Total data fields	8	8	10	10
Number of incrementing fields	3	3	5	5
Format duplication	No	Yes	Yes	Yes
Print queue activity indicator	No	Yes	Yes	Yes
Simultaneous slide and cassette printing	No	Yes	Yes	Yes
Print to text files	No	No	Yes	Yes
Print records to external printer	Yes	Yes	Yes	Yes
Automatic range reset	No	Global setting	Global setting or by field	Global setting or by field
Insert and delete field	No	No	Yes	Yes
Edit print queue order	No	Yes	Yes	Yes
Barcode printing	No	No	No	Yes
Data entry using barcode scanner	No	No	No	Yes
Sync format button	No	No	Yes	Yes
Import data from CSV file	No	Yes	Yes	Yes

Shandon Carousel Cassette MicroWriter™

Carousel-type cassette marking system.

Packaging - Processing

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- **Permanently mark** tissue cassettes with easy to read black type.
- Uses **foil tape and a heated stylus to imprint characters** that maintain legibility even through processing solutions.
- **Made to withstand the workload** of busy laboratories, marking approximately 20,000 characters per roll of tape.
- **Printing can be inverted** for reading in either direction.
- **Change cassette color and style easily** with fully automated dispensing and labeling process.
- **Easy-to-change hoppers** give you the flexibility of allowing an unlimited number of colors and cassettes.
- **Imprints letters, numbers, Roman numerals, and special characters** on the cassettes in four font sizes.
- Largest font writes a single line of up to **8 characters**, and the smallest font writes three lines of **19 characters**.
- **Ability to print barcodes** on cassettes.
- Prints on all **45° flat-faced cassettes**.
- **Choice of Collection Systems** makes organizing cassettes a seamless operation in any laboratory environment.

Shandon Carousel Cassette MicroWriter™ Specifications

Description	Order Number
Shandon Carousel Cassette MicroWriter 110-240V, 50/60 Hz	A78200001
Shandon Carousel Cassette MicroWriter 110-240V, 50/60 Hz ☉	A78200005
Shandon Carousel Cassette MicroWriter with Dell® PC and Touch Screen Monitor; 110V, 60Hz	B1002801
Shandon Carousel Cassette MicroWriter with Dell® PC and Touch Screen Monitor; 240V, 50Hz	B1003357

☉ includes licensed Shandon MicroWriter Software CD.

Physical Specifications

Dimensions (H x W x D)

32.8" x 10.5" x 13" (83 x 26 x 33 cm)

Weight

7.6 lbs. (16.8 kg)

Power Requirements

110-240V, 50/60 Hz; 100 VA

Capacity

75 cassettes per hopper; 6 hoppers per unit.

Included with Product*

Order Number

CD with unlicensed demo copy of Shandon MicroWriter software

Dispenser Hoppers - 6 included

Pre-filled Cassette Tube Sample Pack

MicroWriter Specific RS232 Cable

Power Cord

Operator Manual (specify language)

* Contents, Packaging, and Quantities of items listed under "Included with Product" are subject to change without prior notice.

Available Accessories

Order Number

Barcode Reader for Cassettes B35310006

2-D Spooler A78210250

Shandon BarcodeWriter Software B35310015

Shandon MicroWriter Software CD

Licensed A78210001

Unlicensed Demo Copy A78210012

Shandon MicroWriter Plus Software CD

Licensed (includes 2 licenses) A78210181

Unlicensed Demo Copy A78210180

Empty Plastic Tubes for Cassettes (20 per box) A78210003

Stainless Steel Collection Chute (see page 58) A78210004

Hot Foil Tape A78210005

Stainless Steel Collection System (see page 58) A78210006

Additional Collection Hopper A78210007

for Collection System A78210006 (see page 58)

Hopper Holder A78210002

Dell Controller PC and touchscreen monitor See Page 9

for use with Shandon MicroWriters

Shandon Carousel MicroWriter Silver Service Plan (see p. 20) A78200001C

Agency Approvals

Designed to meet IEC 61010, CSA, UL, and CE Mark.

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Shandon MicroWriter™ Collection Systems

Collection systems for the Carousel Cassette MicroWriter.

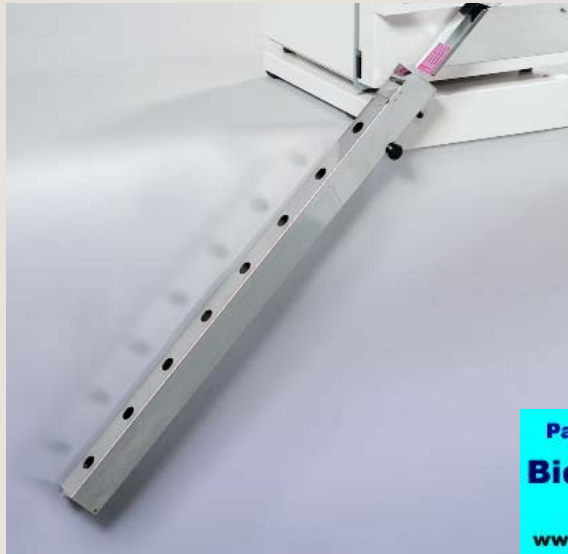
Stainless Steel Collection Chute



- Cassettes slide onto table in order of print.
- System is very durable and installs in minutes.

Description	Order Number
Stainless Steel Collection Chute	A78210004

Stainless Steel Collection System



- Holds 75 cassettes in order of print.
- Allows random access to all cassettes. System is very durable and installs in minutes.
- System includes platform, hopper, and collection guideplate.

Description	Order Number
Stainless Steel Collection System	A78210006
Extra Collection Hoppers	A78210007

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Shandon MicroWriter Computer



- Complete Package.
- Ready to use.
- Runs up to 4 labelers at one time.
- Touch-screen display.
- On-screen keyboard.
- Comes pre-loaded with Shandon MicroWriter software.
- Dual voltage unit.
- Can operate Shandon Slide, Carousel, or Microwriter I units.

Description	Order Number
Dell Controller PC and Touchscreen Monitor for use with Shandon MicroWriters comes pre-loaded with Shandon MicroWriter software; 110-120V, 50/60Hz	B1002800
Dell Controller PC and Touchscreen Monitor for use with Shandon MicroWriters comes pre-loaded with Shandon MicroWriter software; 220-240V, 50/60Hz	B1003363

Specifications

Power Requirements: 110-240V, 50/60 Hz
 Dell® PC with 5 Serial Ports and Touch-screen Monitor
 Shandon MicroWriter software
 Installed (one license included for operation of labeler)

PC Requirements for running Shandon MicroWriter Software:

- IBM compatible computer.
- Windows® 2000 or higher operating system.
- 128 MB RAM.

Shandon MicroWriter™ I Cassette Labeler

Cassette marking system.

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 1-847-683-7720
www.bid-on-equipment.com



- **Permanently mark tissue cassettes** with easy-to-read black type.
- Uses **foil tape and a heated stylus** to imprint characters that maintain legibility even through processing solutions.
- **Printing may be inverted** for reading in either direction.
- **Ability to print barcodes** on cassettes.
- **Made to withstand the workload of busy laboratories**, marking approximately 20,000 characters per roll of tape.
- **Single hopper loading system** is ideal for laboratories that use single color cassettes or have a lower volume.
- Can be purchased with a **PC and preloaded software** so it is ready to use right out of the box.
- **Hopper holds 75 cassettes.** A variety of cassettes can be purchased preloaded in plastic tubes.
- Prints on all **45° flat-faced cassettes.**

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Shandon Cassette Tube Packs

See pages 13-15.



Cassettes with lids.



Cassettes without lids.

Shandon MicroWriter™ I Cassette Labeler Specifications

Description	Order Number
Shandon MicroWriter I 110-240V, Single Hopper Unit without controlling PC; with MicroWriter specific RS232 Cable	A78200024
Shandon MicroWriter I 110-240V, Single Hopper Unit with integral PC and Flexible Keyboard ☉	A78200025
Shandon MicroWriter I 110V, Single Hopper Unit with Dell® PC and Touch-Screen Monitor ☉	B1002803
Shandon MicroWriter I 240V, Single Hopper Unit with Dell® PC and Touch-Screen Monitor ☉	B1003358

☉ includes licensed Shandon MicroWriter Software CD.

Physical Specifications

Dimensions (H x W x D)

10.3" (30.8" with hopper) x 10.5" x 11.6" (26 [78] x 26.5 x 29.5 cm)

Tape Width: 11.4" (29 cm)

Weight

24.3 lbs. (9.3 kg)

Power Requirements

110-240V, 50/60 Hz; 100 VA

Capacity

75 cassettes per hopper

Available Accessories

Available Accessories	Order Number
Barcode Reader for Cassettes	B35310006
2-D Spooler	A78210250
Shandon BarcodeWriter Software	B35310015
Hopper for Shandon MicroWriter I	A78210166
Collection Guide Chute for Shandon MicroWriter I	A78210167
Stainless Steel Collection System	A78210168
Stainless Steel Collection Hopper	A78210169
Dell Controller PC and touchscreen monitor for use with Shandon MicroWriters	See Page 9
Shandon MicroWriter Software CD	
Licensed	A78210001
Unlicensed Demo Copy	A78210012
Shandon MicroWriter I Silver Service Plan	463100

Agency Approvals

Designed to meet IEC 61010, CSA, UL, and CE Mark.

- Qty per Order: 10 Tubes; 75 Cassettes /Tube
- Packed in 75-cassette tubes for use with the MicroWriter Cassette Labeler or simply as a convenient method of storage.

Available with:

- Shandon Biopsy Cassettes II
- Shandon Microsette® Biopsy Cassettes
- Shandon Micromesh™ Biopsy Cassettes
- Shandon Tissue Cassettes
- Shandon Tissue Cassettes II
- Shandon Tissue Cassettes IV

Shandon Two-Hopper Cassette MicroWriter™

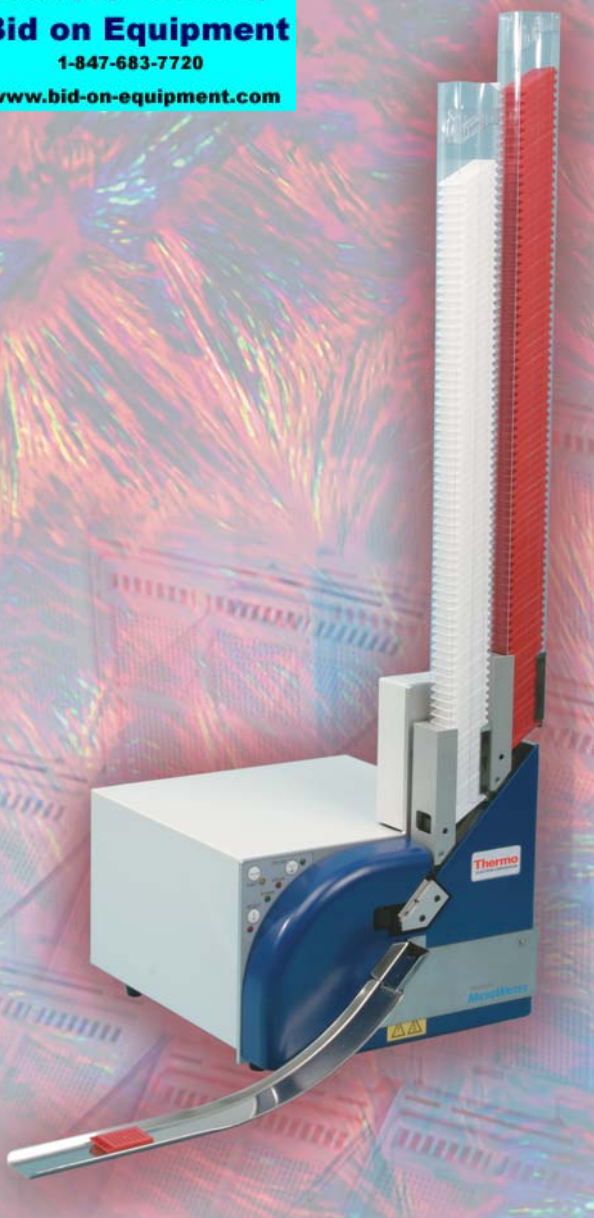
Cassette marking system.

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- The Shandon Cassette MicroWriter works on the same principle as the Carousel MicroWriter but has **two fixed hoppers**.
- **A 4 Hopper Unit is available** which when connected alongside increases the number of hoppers to six.
- The Shandon Cassette MicroWriter uses **foil tape and a heated stylus** to imprint characters that maintain legibility even through processing solutions.
- It is made to withstand the workload of busy laboratories marking **approximately 20,000 characters** per roll of tape.
- **Printing can be inverted** for reading in either direction.
- Unit can be ordered with an **optional Barcode Reader**.

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Shandon Two-Hopper Cassette MicroWriter™ Specifications

Description		Order Number
Shandon Cassette Microwriter	220-240V	A78200030
With Hot Foil Tape and unlicensed MicroWriter Software demo CD		
Shandon Cassette Microwriter	220-240V	A78200031
With Hot Foil Tape with licensed MicroWriter Software CD		
Shandon Cassette Microwriter	220-240V	B1003359
With Hot Foil Tape, PC and touch-screen monitor		
Shandon Cassette Microwriter	110-120V	A78200032
With unlicensed MicroWriter Software demo CD		
Shandon Cassette Microwriter	110-120V	A78200033
With licensed MicroWriter Software CD		
Shandon Cassette Microwriter	110-120V	B1003360
With Hot Foil Tape, PC and touch-screen monitor		
Shandon Cassette Microwriter	220-240V	A78200034
With Hot Foil Tape plus 2 mechanisms for Plastic Hoppers		
With unlicensed MicroWriter Software demo CD		
Shandon Cassette Microwriter	220-240V	A78200035
With Hot Foil Tape plus 2 mechanisms for Plastic Hoppers		
With licensed MicroWriter Software CD		
Shandon Cassette Microwriter	220-240V	B1003361
With Hot Foil Tape plus 2 mechanisms for Plastic Hoppers		
With PC and touch-screen monitor		

Physical Specifications

Dimensions (H x W x D)

32.7" x 12.9" x 10.35" (26.3 x 32.8 x 83 cm)

Weight

7.8 kg

Electrical:

Plug Fuse Rating: 5 amp (UK. Only)

Power Consumption: 100 watts maximum

Power Supply / Rating: 220-240 Vac, 50 Hz

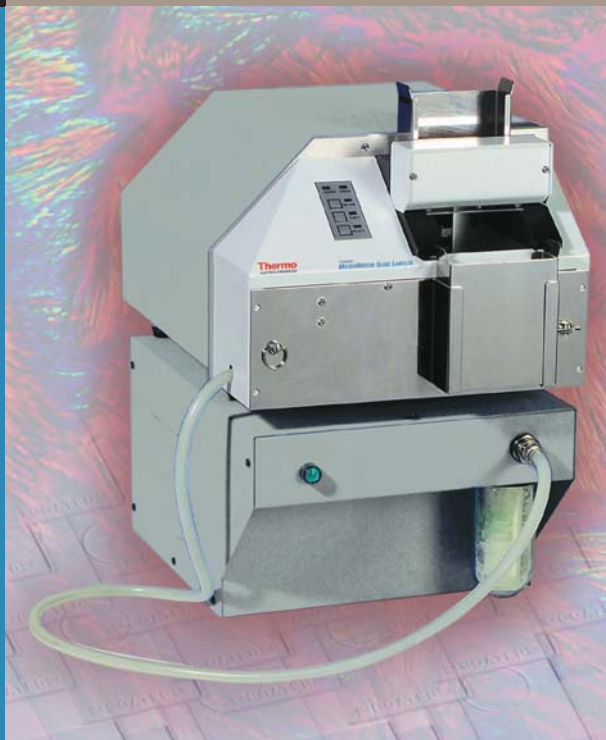
Capacities:

Plastic Hoppers x 2 = 150 cassettes

Available Accessories	Order Number
Barcode Reader for Cassettes	B35310006
2-D Spooler	A78210250
Shandon BarcodeWriter Software	B35310015
Mechanism for use with Plastic Hoppers	A78210150
Empty Plastic Hoppers - 20 / Pk.	A78210003
4 Hopper Unit	A78210151
4 Hopper Unit - including 4 mechanisms	A78210152
Collection Guide Shoot	A78210004
Hot Foil Tape	A78210005
New Collection System - with removable lid	A78210006
Stainless Steel Collection Hopper	A78210007
New Collection System - for collection of cassettes into plastic hoppers	A78210008
Cassette Hopper Storage Rack	A78210153
Plastic Hopper Cassette Loading Platform	A78210009
Operator Manual	A78210154
Service Manual	A78210155
Shandon MicroWriter Software CD	
Licensed	A78210001
Unlicensed Copy	A78210012

Shandon MicroWriter™ Slide Labeler

Slide marking system.



- **Permanently etches** specimen identification information onto the end of a microscope slide using a diamond-tipped stylus.
- **Printing may be inverted** for reading in either direction.
- **Etches letters, numbers, Roman numerals and special characters** on the slides in four font sizes.
- The largest font writes **three lines of up to 7 characters** and the smallest setting writes **6 lines of 14 characters**.
- **Ability to print barcodes** on slides.
- Numbers and letters can be **automatically incremented** for the desired number of slides.
- **Integrated Dust Extractor's** powerful vacuum pulls dust from the writing area into an **easy-to-clean particle filter** requiring **no additional tools for removal**.
- **Dispense hopper holds up to 72 slides** which feed directly into the printing system.
- Once printed, slides are stacked in the collection hopper **in the order in which they were printed** to ensure easy handling.
- **Accepts standard 75 x 25 mm slides** with plain ends, color ends, frosted ends, and back-masked ends.
- **Additional hoppers are available** when multiple colors or types of slides are used.

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Shandon MicroWriter Slide Labeler Specifications

Description	Order Number
Shandon MicroWriter Slide Labeler 110-120V 60 Hz	A78200012
Shandon MicroWriter Slide Labeler 110-120V 60 Hz [Ⓔ]	A78200016
Shandon MicroWriter Slide Labeler 220-240V 50 Hz	A78200011
Shandon MicroWriter Slide Labeler 220-240V 50 Hz [Ⓔ]	A78200015
Shandon MicroWriter Slide Labeler with Dell® PC and Touch Screen Monitor; 110-120V 60Hz	B1002802
Shandon MicroWriter Slide Labeler with Dell® PC and Touch Screen Monitor; 220-240V 50Hz	B1003362

[Ⓔ] includes licensed Shandon MicroWriter Software CD.

Physical Specifications

Dimensions (H x W x D)

Unit: 8.19" x 10.4" x 14.3" (20.5 x 26 x 36 cm)
Dust Extractor: 6.8" x 9.9" x 13.5" (17 x 25 x 34 cm)

Weight

Unit: 16.5 lbs. (7.5 kg)
Dust Extractor: 9.8 lbs. (21.6 kg)

Power Requirements

110-240V, 50/60 Hz; 100 VA

Capacity

72 slides per hopper

Included with Product*

Included with Product*	Order Number
Shandon MicroWriter Software Demo Copy Only	
CD with unlicensed demo copy of Shandon MicroWriter software.	
MicroWriter Specific RS232 Cable	
Slide Collection Hopper	
Slide Dispense Hopper	
Vacuum Hose	
Power Cord	
Operator Manual (specify language)	

* Contents, Packaging, and Quantities of items listed under "Included with Product" are subject to change without prior notice.

Available Accessories

Available Accessories	Order Number
Barcode Reader for Linear Barcodes	B35310017
2-D Spooler	A78210250
Shandon BarcodeWriter Software	B35310015
Shandon MicroWriter Software CD	
Licensed	A78210001
Unlicensed Demo Copy	A78210012
Shandon MicroWriter Plus Software CD	
Licensed (includes 2 licenses)	A78210181
Unlicensed Demo Copy	A78210180
72 Slide Dispensing Hopper	A78210051
72 Slide Collection Hopper	A78210052
Diamond Stylus	A78210053
Dell Controller PC and touchscreen monitor	See Page 9
for use with Shandon MicroWriters	
Shandon MicroWriter Slide Labeler	A78200012C
Silver Service Plan (see p. 20)	

Agency Approvals

Designed to meet IEC 61010, CSA, UL, and CE Mark.

Shandon Disposable Cassettes

Shandon Micromesh™ Biopsy Cassettes



Made of acetal polymer, the Micromesh Biopsy Cassettes have 1400 square openings (0.38mm) allowing for greatly improved fluid exchange without having to use biopsy sponges. A large compartment measuring 24 x 27mm is perfect even for needle biopsies. The recessed lid is specially designed to lie flush with the top surface of the cassette. This feature allows the cassettes to be labeled on the Shandon MicroWriter™ series automatic labelers **with the lids on**. Cassette writing face is at a 45° angle. Loose cassettes are supplied in cases of 4 boxes of 250 cassettes each with lids attached. Tube packs are supplied in cases of 10 tubes of 75 cassettes each with lids attached.



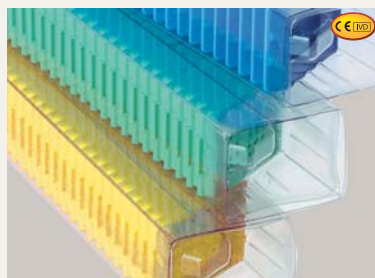
Picture shows tube cassette packaging.

Color		250 / Box x 4	75 / Tube x 10
White		B1000735WH	B1000734WH
Pink		B1000735PK	B1000734PK
Green		B1000735GR	B1000734GR
Yellow		B1000735YW	B1000734YW
Blue		B1000735BL	B1000734BL
Gray		B1000735GY	B1000734GY
Orange		B1000735OR	B1000734OR
Peach		B1000735PE	B1000734PE
Tan		B1000735TN	B1000734TN
Lilac		B1000735LI	B1000734LI
Aqua		B1000735AQ	B1000734AQ

Shandon Microsette® Biopsy Cassettes



Made of acetal polymer, the Microsette Biopsy Cassettes have a large compartment measuring 25mm x 30 mm. Perfect even with needle biopsies since holes have a diameter of only 0.26 mm while still allowing for maximum fluid exchange. Biopsy sponges are no longer necessary. Cassette writing face is at a 45° angle. Loose cassettes are supplied in cases of 4 boxes of 250 cassettes each with lids attached. Tube packs are supplied in cases of 10 tubes of 75 cassettes each and may be used on the Shandon MicroWriter cassette labelers.



Picture shows tube cassette packaging.

Color		250 / Box x 4	75 / Tube x 10
White		B1000733WH	B1000731WH
Pink		B1000733PK	B1000731PK
Green		B1000733GR	B1000731GR
Yellow		B1000733YW	B1000731YW
Blue		B1000733BL	B1000731BL
Gray		B1000733GY	B1000731GY
Orange		B1000733OR	B1000731OR
Peach		B1000733PE	B1000731PE
Tan		B1000733TN	B1000731TN
Lilac		B1000733LI	B1000731LI
Aqua		B1000733AQ	B1000731AQ
Dark Green		B1000733DGR	B1000731DGR
Dark Red		N / A	B1000731DRD

Shandon Tissue Cassettes II



Made of acetal polymer, the Tissue Cassettes II are specially designed to hold tissue specimens during processing and embedding. Cassette writing face is at a 45° angle. Pore style is small slots. Supplied in box of 500 cassettes with attached lids. Tube Packs are supplied in 10 tubes of 75 cassettes each and may be used on the Shandon MicroWriter™ cassette labelers.

Color	500 / Box	75 / Tube x 10
White	1001061	B1000729WH
Pink	1001060	B1000729PK
Green	1001059	B1000729GR
Yellow	1001058	B1000729YW
Blue	1001057	B1000729BL
Gray	1001054	B1000729GY
Orange	1001052	B1000729OR
Peach	1001056	B1000729PE
Tan	1001055	B1000729TN
Lilac	1001053	B1000729LI
Aqua	1001051	B1000729AQ
Dark Green	N / A	B1000729DGR
Dark Red	N / A	B1000729DRD
Dark Blue	N / A	B1000729DBL
Fluorescent Green	N / A	B1000729FGR
Fluorescent Pink	N / A	B1000729FPK
Fluorescent Yellow	N / A	B1000729FYW



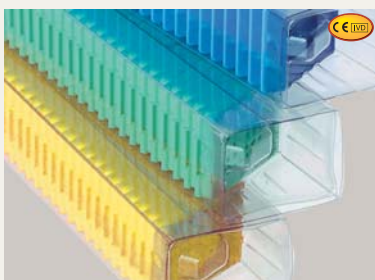
Picture shows tube cassette packaging.

Shandon Tissue Cassettes IV



These disposable plastic cassettes are designed to hold tissue specimens during processing and embedding. Pore style is small slots. Supplied in box of 250 cassettes with attached lids. Tube Packs are supplied in 10 tubes of 75 cassettes each. Shandon Tissue Cassette IV can be used with the Shandon Carousel Cassette MicroWriter™ (see page 8) only. They are incompatible with Shandon MicroWriter I (see Page 10).

Color	250 / Box	75 / Tube x 10
White	41720	41720-T
Pink	41724	41724-T
Green	41723	41723-T
Yellow	41722	41722-T
Blue	41721	41721-T
Gray	41727	41727-T
Orange	41726	41726-T
Tan	41725	41725-T
Lilac	41728	41728-T



Picture shows tube cassette packaging.

Shandon Tissue Cassettes IV can be used with the Shandon Carousel Cassette MicroWriter only (incompatible with Shandon MicroWriter I).

Shandon Biopsy Cassettes II



Made of acetal polymer, the Biopsy Cassettes II are specially designed to hold biopsy specimens during processing and embedding. Cassette writing face is at a 45° angle. Pore style is small square. Supplied in box of 500 cassettes with attached lids. Tube Packs are supplied in 10 tubes of 75 cassettes each and may be used on the Shandon MicroWriter™ cassette labelers.

Color	500 / Box	75 / Tube x 10
White	1001097	B1000730WH
Pink	1001098	B1000730PK
Green	1001099	B1000730GR
Yellow	1001100	B1000730YW
Blue	1001101	B1000730BL
Gray	1001104	B1000730GY
Orange	1001106	B1000730OR
Peach	1001102	B1000730PE
Tan	1001103	B1000730TN
Lilac	1001105	B1000730LI
Aqua	1001107	B1000730AQ
Dark Red	N / A	B1000730DRD
Fluorescent Green	N / A	B1000730FGR
Fluorescent Pink	N / A	B1000730FPK
Fluorescent Yellow	N / A	B1000730FYW



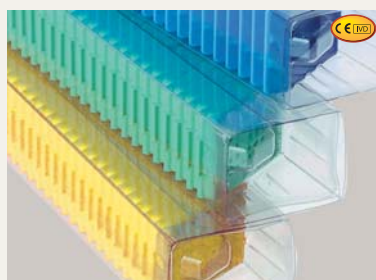
Picture shows tube cassette packaging.

Shandon Tissue Cassettes



Made of acetal polymer, the Tissue Cassettes are suitable for holding and identifying tissue samples in processing, embedding and sectioning procedures. The cassettes fit securely in microtome chuck adapters. These cassettes are designed to accept metal lids (Order number 1001003, 25 / pk, sold separately). Pore style is round holes. Supplied in a box of 500 cassettes. Tube Packs are supplied in 10 tubes of 75 cassettes each and can be used on the Shandon MicroWriter™ cassette labelers.

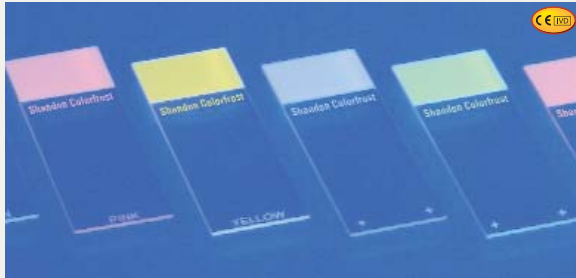
Color	500 / Box	75 / Tube x 10
White	B1003500WH	B1000732WH
Pink	B1003500PK	B1000732PK
Green	B1003500GR	B1000732GR
Yellow	B1003500YW	B1000732YW
Blue	B1003500BL	B1000732BL
Gray	B1003500GY	B1000732GY
Orange	B1003500OR	B1000732OR
Peach	B1003500PE	B1000732PE
Tan	B1003500TN	B1000732TN
Lilac	B1003500LI	B1000732LI
Aqua	B1003500AQ	B1000732AQ
Dark Red	B1003500DRD	N / A
Dark Blue	B1003500DBL	N / A



Picture shows tube cassette packaging.

Shandon Microscope Slides

Shandon Colorfrost® Slides



- Available in a wide variety of colors to ease identification.
- Resistant to commonly used laboratory solvents.
- 1.0 - 1.2 mm thick with ground edges.

Shandon Colorfrost® Plus Slides

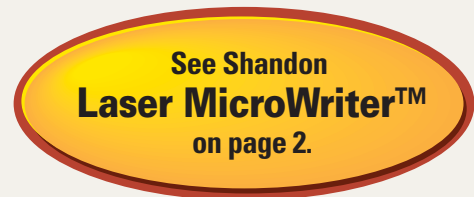
- Positively charged microscope slides give improved cellular adhesion.
- Electrostatically attracts tissue sections and cytology preparations, binding them to the slide.
- Eliminates the need for special adhesives or protein coatings.

Shandon Microscope Slide Dispenser



- Holds 72 slides.
- Easy way to get a clean, fingerprint-free slide.
- Avoid breakage.
- Loading is simple.
- Made from stainless steel.
- Includes suction cup feet to keep the unit in place.

Description	Pkg/Qty	Order Number
Shandon Microscope Slide Dispenser	Each	141



Shandon Slides Ordering Information

SHANDON COLORFROST			SHANDON COLORFROST PLUS +		
White	<input type="checkbox"/>		White	<input type="checkbox"/>	
1000 / Cs.		6776206	144 / Pk.		6776214
			1440 / Cs.		6776214CS
Blue	<input type="checkbox"/>		Blue	<input type="checkbox"/>	
1000 / Cs.		6776207	100 / Box		9991001
Green	<input type="checkbox"/>		Green	<input type="checkbox"/>	
1000 / Cs.		6776210	100 / Box		9991003
Pink	<input type="checkbox"/>		Pink	<input type="checkbox"/>	
1000 / Cs.		6776213	100 / Box		9991004
Yellow	<input type="checkbox"/>		Yellow	<input type="checkbox"/>	
1000 / Cs.		6776208	100 / Box		9991002
Burnt Orange	<input type="checkbox"/>		Burnt Orange	<input type="checkbox"/>	
1000 / Cs.		6776209	100 / Box		9991011
Lavender	<input type="checkbox"/>		Lavender	<input type="checkbox"/>	
1000 / Cs.		6776205	100 / Box		9991009
Tan	<input type="checkbox"/>		Tan	<input type="checkbox"/>	
1000 / Cs.		6776201	100 / Box		9991012
Aqua	<input type="checkbox"/>		Aqua	<input type="checkbox"/>	
1000 / Cs.		6776202	100 / Box		9991013
Gold	<input type="checkbox"/>		Gold	<input type="checkbox"/>	
1000 / Cs.		6776203	100 / Box		9991014
Strawberry Red	<input type="checkbox"/>				
1000 / Cs.		6776204			

SHANDON COLORMARK		
White	<input type="checkbox"/>	
144 / Pk.		B9992000
Blue	<input type="checkbox"/>	
144 / Pk.		B9992000BL
Green	<input type="checkbox"/>	
144 / Pk.		B9992000GR
Pink	<input type="checkbox"/>	
144 / Pk.		B9992000PK
Yellow	<input type="checkbox"/>	
144 / Pk.		B9992000YW
Burnt Orange	<input type="checkbox"/>	
144 / Pk.		B9992000BO
Lavender	<input type="checkbox"/>	
144 / Pk.		B9992000LV
Tan	<input type="checkbox"/>	
144 / Pk.		B9992000TN
Aqua	<input type="checkbox"/>	
144 / Pk.		B9992000AQ
Gold	<input type="checkbox"/>	
144 / Pk.		B9992000GL
Strawberry Red	<input type="checkbox"/>	
144 / Pk.		B9992000RD

Shandon Colormark® Slides



COLORMARK Slides are designed for the Shandon MicroWriter™ Slide Labeler. A contrasting color is printed on the back of the Colorfrost end (see chart below) so that patient or specimen information etched through the painted end on the front is clearly visible. These slides are also available with positively charged Colorfrost Plus adhesion coating for better specimen mounting.

Colorfrost End	Contrasting Color
Tan	Black
Gold	Black
Green	Dark Green
Pink	Dark Pink
Aqua	Black
Yellow	Dark Pink
Blue	Dark Blue
Lavender	Black
Burnt Orange	Black
Red	Black

Custom-Made Imprints

(Order no. upon request)

All slides are available with imprints of hospital and institutional names per the following specifications:

- Maximum of 17 characters per line; can be letters or numbers.
- If printing 2 lines, letter size is .059 (approximately a 5 point font).
- If printing 3 lines, letter size is still .059, but the Superfrost end is reduced by .08".
- Normally, lines are printed just below the Superfrost area. They can be printed on top of the slide, but the Superfrost end will be lowered.

Shandon Colormark® Plus Slides

- Positively charged microscope slides give improved cellular adhesion.
- Electrostatically attracts tissue sections and cytology preparations, binding them to the slide.
- Eliminates the need for special adhesives or protein coatings.

SHANDON COLORMARK

White	□	B9992000CS
1440 / Cs.		
Blue	■	B9992000BLCS
1440 / Cs.		
Green	■	B9992000GRCS
1440 / Cs.		
Pink	■	B9992000PKCS
1440 / Cs.		
Yellow	■	B9992000YWCS
1440 / Cs.		
Burnt Orange	■	B9992000BOCS
1440 / Cs.		
Lavender	■	B9992000LVCS
1440 / Cs.		
Tan	■	B9992000TNCS
1440 / Cs.		
Aqua	■	B9992000AQCS
1440 / Cs.		
Gold	■	B9992000GLCS
1440 / Cs.		
Strawberry Red	■	B9992000RDCS
1440 / Cs.		

SHANDON COLORMARK PLUS +

White	□	B9992010
144 / Pk. +		
Blue	■	B9992010BL
144 / Pk. +		
Green	■	B9992010GR
144 / Pk. +		
Pink	■	B9992010PK
144 / Pk. +		
Yellow	■	B9992010YW
144 / Pk. +		
Burnt Orange	■	B9992010BO
144 / Pk. +		
Lavender	■	B9992010LV
144 / Pk. +		
Tan	■	B9992010TN
144 / Pk. +		
Aqua	■	B9992010AQ
144 / Pk. +		
Gold	■	B9992010GL
144 / Pk. +		
Strawberry Red	■	B9992010RD
144 / Pk. +		

SHANDON COLORMARK PLUS +

White	□	B9992010CS
1440 / Cs. +		
Blue	■	B9992010BLCS
1440 / Cs. +		
Green	■	B9992010GRCS
1440 / Cs. +		
Pink	■	B9992010PKCS
1440 / Cs. +		
Yellow	■	B9992010YWCS
1440 / Cs. +		
Burnt Orange	■	B9992010BOCS
1440 / Cs. +		
Lavender	■	B9992010LVCS
1440 / Cs. +		
Tan	■	B9992010TNCS
1440 / Cs. +		
Aqua	■	B9992010AQCS
1440 / Cs. +		
Gold	■	B9992010GLCS
1440 / Cs. +		
Strawberry Red	■	B9992010RDCS
1440 / Cs. +		

Slide and Cassette Archiving and Storage

Shandon Microscope Slide Cabinet



Shandon Slide and Paraffin Block Cabinet



Packaging - Processing
Bid on Equipment
 1-847-683-7720
 www.bid-on-equipment.com

- Cabinet includes 36 steel, warp-resistant drawers that archive up to 9000 standard 3" x 1" (75 x 26 mm) slides.
- Steel construction with gray hammertone baked enamel finish.
- Each drawer holds 250 slides maximum and 80 slides spaced.
- Locking studs allow secure stacking of up to five cabinets in one square foot (0.093 m²) of floor space.
- Uses the same base as cabinet 12001 and cabinet 12003.
- All cabinets are interstackable.
- Unit measures 12.375" x 13.25" x 16.25" (31.4 x 33.7 x 41.28 cm) and may be purchased separately.
- Extra drawers measure 12.25" x 1.125" x 3.75" (31.1 x 3.8 x 9.5 cm) and may be purchased separately.
- Base measures 14.375" x 17" x 8.75" (36.5 x 43.2 x 22.2 cm).

Description	Pkg/Qty	Order Number
Shandon Microscope Slide Cabinet	Each	1205
Drawers included		
Extra Steel Drawers	Each	1206
Steel Base	Each	1201

- Versatile drawers accommodate a variety of slides and paraffin blocks.
- All-steel construction; fire resistant.
- Cabinet 12001 holds 3" x 1"(75 x 26 mm) slides.
- Cabinet 12003 has deeper drawers for 3" x 2"(75 x 50 mm) lantern slides.
- Locking studs allow secure stacking of up to five cabinets in one square foot (0.093 m²) of floor space.
- Finished in gray hammertone baked enamel.
- Dustproof and rustproof.
- Slide and Block Cabinet 12001 measures 15" x 16" x 9" (38.1 x 40.6 x 22.8 cm).
- Slide Cabinet 12003 measures 15.75" x 14.9" x 18.75" (40 x 37.8 x 47.6 cm).

Description	Pkg/Qty	Order Number
Shandon Microscope Slide and Paraffin Block Cabinet	Each	12001
Drawers <i>not</i> included		
Shandon Microscope Slide Cabinet	Each	12003
Drawers <i>not</i> included		
Steel Base	Each	1201

Cabinet / Accessory Matching Chart

	C A B I N E T				
	12001	12003	1205	1225	1275
Drawer 1206			HOLDS 36		
Drawer 1210	HOLDS 10				
Drawer 1212		HOLDS 6			
Drawer 1250	HOLDS 10			HOLDS 10	
Drawer 1276					HOLDS 10
Base 1201	HOLDS 1	HOLDS 1	HOLDS 1		

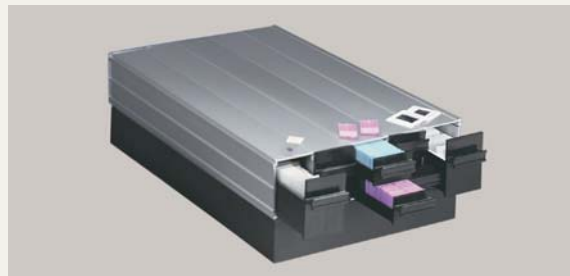
Shandon Slide and Block Cabinets Shandon Modular Filing System



- All units are stackable to form an integrated system.
- Steel construction.
- Sealed top and bottom to ensure dust-free storage.
- Finished in solvent-proof paint.
- Available in green, blue or two-tone gray.
- **Block Bank Metal Top** matches the Slide Safe and Block Bank.
- **Slide Safe** contains 14 drawers with a total capacity of 6,000 microscope slides.
- **Slide Safe** measures 18.9" x 18.9" x 5.1" (480 x 480 x 130 mm).

- **Block Bank** contains 8 drawers with an approximate total capacity of 3,000 blocks.
- **Block Bank** dimensions: 18.9" x 18.9" x 10.8" (480 x 480 x 275 mm).
- **Universal Plinth** in black metal for Slide Safe and Block Bank.
- Available **Wheeled Plinth** capable of supporting up to ten Slide Safes.

Description	Pkg/Qty	Order Number
Shandon Slide and Block Storage Cabinet Metal Top, Blue	Each	161201
Shandon Slide and Block Storage Cabinet Metal Top, Two-toned Gray	Each	161202
Shandon Slide and Block Storage Cabinet Metal Top, Green	Each	161203
Shandon Slide and Block Storage Cabinet Slide Safe, Blue	Each	161301
Shandon Slide and Block Storage Cabinet Slide Safe, Two-toned Gray	Each	161302
Shandon Slide and Block Storage Cabinet Slide Safe, Green	Each	161303
Shandon Slide and Block Storage Cabinet Block Bank, Blue	Each	161001
Shandon Slide and Block Storage Cabinet Block Bank, Two-toned Gray	Each	161002
Shandon Slide and Block Storage Cabinet Block Bank, Green	Each	161003
Shandon Slide and Block Storage Cabinet Universal Plinth	Each	161100
Shandon Slide and Block Storage Cabinet Wheeled Plinth	Each	161400
Foam Dividers for Slide Drawers	12 / Pk.	B1000152

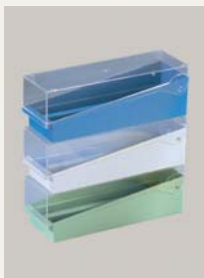


- Each 5-cell cabinet stores up to 4,600 microscope slides, 1,500 35 mm slides or 1,000 tissue cassettes.
- Ideal for a variety of space and storage situations.
- Holds a combination of microscope slides, tissue cassettes and 35 mm slides in one cabinet.
- Stackable five-cell unit is made from anodized aluminum for years of dust-free storage.
- Drawers, base and slide separators are sold separately.
- Cabinet measures 23.125" x 14.5" x 4" (58.7 x 36.8 x 10.2 cm).
- Modular Microscope Slide Drawer measures 24" x 3" x 4" (61 x 7.6 x 10.2 cm).
- Modular Tissue Cassette Drawer measures 24" x 3" x 4" (61 x 7.6 x 10.2 cm).
- Modular 35 mm Slide Drawer measures 24" x 3" x 4" (61 x 7.6 x 10.2 cm).
- Modular Base measures 25" x 15" x 4.5" (63.5 x 38.1 x 11.4 cm).

Description	Pkg/Qty	Order Number
Shandon Modular Filing System 5-Cell Cabinet	Each	1770
Shandon Modular Filing System Microscope Slide Drawer	Each	1771
Shandon Modular Filing System Tissue Cassette Drawer	Pair	1772
Shandon Modular Filing System Modular Base, 5 Drawer	Each	1773
Shandon Modular Filing System 35 mm Slide Drawer	Each	1775
Foam Dividers for Slide Drawers	12 / Pk.	B1000152

**See Shandon
 Disposable Cassettes
 on pages 13-15.**

Shandon Slide File Storage System



- Holds 3" x 1" (75 x 26 mm) slides.
- Stores up to 100 slides (one per slot), 200 slides (2 per slot), or 400 slides (slide tray removed).
- Stackable for space efficient storage.
- Transparent hinged cover.
- Numbered slots for easy identification.
- Six drain holes provide complete emptying of any liquid in tray.

Description	Pkg/Qty	Order Number
Shandon Slide File System, Blue	Each	B1000700BL
Shandon Slide File System, Green	Each	B1000700GR
Shandon Slide File System, Gray	Each	B1000700GY
Shandon Slide File System, White	Each	B1000700WH
Shandon Slide File System, Yellow	Each	B1000700YW

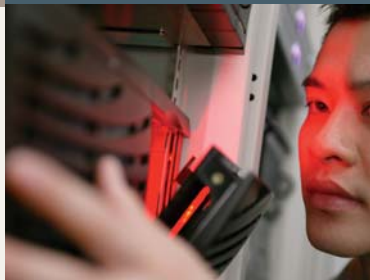
Shandon Wooden Slide File Storage Box



- Two styles; both accommodate up to 100 slides.
- Box size 7.5" x 8.5" (190 x 216 mm).
- Box 1602 is 1.6" (41 mm) high to hold 75 x 26 mm slides.
- Box 1601 is 2.4" (60 mm) high to store both 75 x 26 mm and 75 x 52 mm slides.
- Made of finished wood with brass hinges and clasps.

Description	Pkg/Qty	Order Number
Shandon Wooden Slide Storage Box, 60 mm	Each	1601
Shandon Wooden Slide Storage Box, 41 mm	Each	1602

Downtime equals wasted time.



With today's busy laboratory environments, where resources are constrained, workloads continue to increase, funds are limited, and productivity is the key to success, having to deal with an instrument that is not working as hard as you are – or not at all – is simply not acceptable.

At Thermo Electron Anatomical Pathology, we understand how important it is to keep your lab up and running. No matter what your service requirements are, Thermo AP has a solution that can help keep you working at peak efficiency.

- **Flexible programs based on your workflow and particular laboratory needs.**
- **Only original factory parts are used for repair and maintenance.**
- **Our factory-trained technicians are conveniently located throughout the country and have years of experience servicing Thermo AP equipment.**
- **24/7/365 phone support (U.S. only).**
- **Technical hotline service available.**

Our Gold Plan* provides maximum coverage and priority response. It covers all costs including labor, travel time, expenses, and parts. An annual preventative maintenance inspection is performed by a factory certified service engineer to provide continued optimal performance of your Thermo instrument.

Our Silver Plan* offers the same coverage as our standard manufacturer's warranty. All repair costs are included and pre-budgeted so you do not experience the surprise of unplanned expenses.

Our Bronze Plan* is a prevention plan. Once a year, one of our factory certified service engineers will perform preventative maintenance inspection on your instrument to ensure that your instrument is working properly and meeting factory standard specifications. Service includes instrument lubrication, cleaning, calibration, and performance checks, as applicable.

*** Service Plan Coverage varies in different countries.**