

# HISTOLOGY

## Supplies & Equipment

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 **TED PELLA, INC.**  
*Microscopy Products for Science and Industry*



## NEW PRODUCTS FOR HISTOLOGY

### TISSUE MICROARRAY MOLD KITS

*array up to 170 cores in one paraffin block*



Each kit includes one silicone Tissue Microarray Mold and four Miltex® Tissue Punches.



2mm Kit  
27550-2



See page 10 for details.

**PELCO** ScienceSuds™  
Natural, Handcrafted  
Goat Milk Soap

*A Ted Pella, Inc. exclusive!*



See page 34 for details.

### PELCO® MICROSLIDES STORAGE BOXES

*exceptional slide storage containers*



25¢ donation  
from each box sold goes to  
**thinkpink**

See page 29 for details.

### DIAMOND™ WHITE GLASS SLIDES

*pre-cleaned, super high quality microscope slides*



See page 19 for details.

## BESTSELLING HISTOLOGY INSTRUMENTS

### PARAFFIN DISPENSER

*2.5 gallon capacity*



See page 10 for details.

### HMT-ROTARY MICROTOME

*sleek, straightforward design*



See page 12 for details.

### SMZ-168 STEREO MICROSCOPE

*with articulating arm boom stand*



See page 26 for details.

# HISTOLOGY

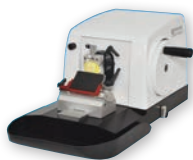
## Supplies & Equipment



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# GROSSING



## FORMALIN , 10% NEUTRAL BUFFERED

This traditional fixative is buffered to a neutral pH and is used in histological applications for fixing and storing tissue specimens.

18510 Formalin, 10% Neutral Buffered, 450ml..... each

## FORMALDEHYDE, 16% OR 37%

16% and 37% formaldehyde available in pre-scored 10 x 10ml amber ampules sealed under inert gas. 37% formaldehyde contains 10-15% methanol.

18505 Formaldehyde, 16%, 10 x 10ml ..... each  
18508 Formaldehyde, 37%, Microfiltered (Formalin), 10 x 10ml ..... each



## DISSECTABLE™

The DissecTable™ Board is made from high density, thick, stain resistant polyethylene for years of use without bending, swelling

or changing shape. A drain trough is provided around the edge of the board to contain fluids. The board offers large scales printed on one side and two smaller layouts on the other side; cm from one corner and inches from the other.

27129 DissecTable™ Complete: Board and Base ..... each  
27129-1 DissecTable™ Board (without base) ..... each  
27130-2 DissecTable™ Base (without board) ..... each



## TRIMMING AND GROSSING BOARDS

Surface is self-healing and will not damage razor or scalpel blades. Good for all types of cutting, sectioning, trimming,

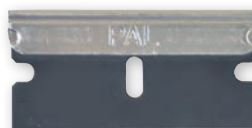
dicing and dissecting. Use instead of wax sheets or corkboards. Flat white surface.

27220 Trimming Board, 30.5cm Square (12")..... each



## MINCING DISH, 4" OD (10cm)

18387 Tissue Mincing Dish.... pkg/100



## PAL® SINGLE EDGE, BLUE, 3-FACET BLADES

Single edge, blue carbon steel, 3-facet PAL® blade with aluminum back, individually protected. Box of 100.

Length: 39.6mm (1.56"), Cutting Edge Length: 38.8mm (1.527"), Width: 19.3mm (0.76"), Thickness: .23mm (.009")



121-20 Single Edge, Blue Carbon Steel PAL® Blades..box/100



## GEM® SINGLE EDGE, CARBON STEEL BLADES

Best quality 3-facet blade, single edge, aluminum back. Individually protected, 2 boxes of 100 each.

Length: 38.9mm (1.53"), Cutting Edge Length: 38.8mm (1.527"), Width: 19.6mm (0.77"), Thickness: .229mm (.009")

121-1 Carbon Steel GEM® Blades ..... 2 boxes/100



## GEM® SINGLE EDGE, CARBON STEEL BLADES IN POP-UP DISPENSER

Same high quality blades as item 121-1 above, but in a handy plastic dispenser box of 100. Push down on blue tab and a new blade pops up. Store used blades in rear slot for safe disposal.

Length: 38.9mm (1.53"), Cutting Edge Length: 38.8mm (1.527"), Width: 19.6mm (0.77"), Thickness: .229mm (.009")

121-111 Carbon Steel GEM® Blades in Pop-Up Dispenser ..... each





### GEM® SINGLE EDGE, PTFE-COATED BLADES

Length: 39.6mm (1.56")  
Cutting Edge Length: 38.8mm (1.527")  
Width: 19.6mm (0.77")  
Thickness: .229mm (.009")

121-3 Single Edge, PTFE-Coated, Stainless Steel GEM® Blades ..... box/200

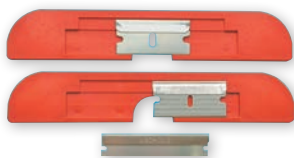


### PERSONNA® STAINLESS STEEL SURGICAL PREP BLADES

Personna® single edge, stainless steel, surgically sharp blade. Smooth, long and reliable blade. Packaged in 10 small boxes of 5 blades each in larger box.

Length: 56.8mm (2.24"), Cutting Edge Length: 54.8mm (2.16"), Width: 13.3mm (0.523"), Thickness: .228mm (.009")

121-13 Personna® Stainless Steel Surgical Prep Blades ..... box/50



### TRIM-SAFE

Protects your fingers while cutting and trimming with single edge razor blades. Accommodates all types of single edge razor blades we

offer. The blade sits in a shallow groove and can slide sideways. It is held in place by finger pressure.

Maximum Blade Size: 60mm W x 20mm H (2.36" W x 0.75" H)  
Cutting Opening: 20mm (0.75") wide

81117 Trim-Safe ..... each  
81117-1 Trim-Safe ..... pkg/12

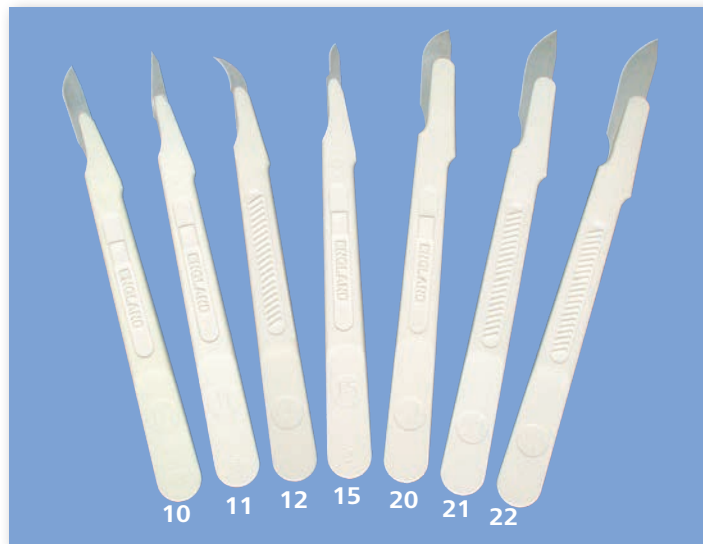


### NEW BLACK DIAMOND™ AUTOPSY KNIVES

Made of high quality Sheffield Stainless Steel with a long lasting edge. Completely disposable; eliminates contamination. Molded, ergonomic handle with finger guard. Box of ten assorted knives:

100mm (4") Cartilage Knife x2  
150mm (6") Trimming Knife x2  
200mm (8") Macro Knife x2  
250mm (10") Lung Knife x2  
300mm (12") Brain Knife x2

13534 Black Diamond™ Autopsy Knives, 10 assorted ... each



### DISPOSABLE SCALPELS; STERILE AND NON-STERILE

Premium quality, stainless steel blades mounted in sturdy, non-slip plastic handles with protective plastic sleeve. Sterile, disposable scalpels are individually packaged.

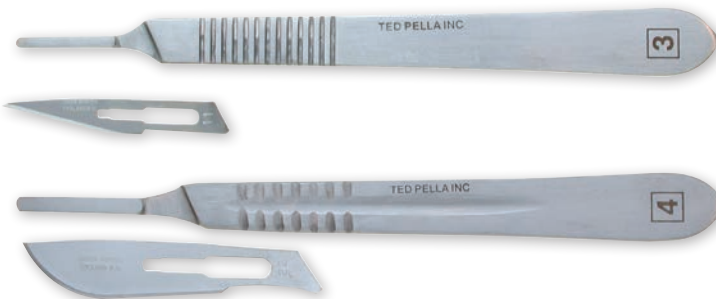
#### *Sterile, Stainless Steel, Disposable Scalpels*

549-9-10S	#10 Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-11S	#11 Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-12S	#12 Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-15S	#15 Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-20S	#20 Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-21S	#21 Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-22S	#22 Sterile, Stainless Steel Scalpels	..... pkg/10

#### *Non-Sterile, Stainless Steel, Disposable Scalpels*

549-9-10	#10 Non-Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-11	#11 Non-Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-12	#12 Non-Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-15	#15 Non-Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-20	#20 Non-Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-21	#21 Non-Sterile, Stainless Steel Scalpels	..... pkg/10
549-9-22	#22 Non-Sterile, Stainless Steel Scalpels	..... pkg/10

### STAINLESS STEEL SCALPEL SETS



Quality scalpel handles for delicate dissections and critical tissue preparation with high quality sterile, stainless steel blades.

Visit [www.tedpella.com](http://www.tedpella.com) for a complete selection of scalpel blades.

549-3	Scalpel Handle No. 3 with 10 No.11 Blades	..... each
549-31	Scalpel Handle No. 3	..... each
549-4	Scalpel Handle No. 4 with 10 No.22 Blades	..... each
549-41	Scalpel Handle No. 4	..... each

# GROSSING



## PELCO® DISSECTION KIT

Surgical instruments for the teaching or research laboratory. All instruments are made of durable stainless steel and have a fine finish. Supplied in a zipper case with an 8 instrument capacity.

13200 PELCO® Dissection Kit ..... each



## GENERAL LABORATORY DISSECTING SCISSORS

S/S Points, Stainless Steel, 140mm L (5.5")

1328 General Laboratory Scissors, Straight ..... each



## GENERAL LABORATORY SCISSORS, CURVED

Curved, S/S Points, Stainless Steel, 110mm L (4.3")

1332 General Laboratory Scissors, Curved ..... each



## GENERAL LABORATORY SCISSORS, SHORT

S/S Points, Stainless Steel, 114mm L (4.5")

1333 General Laboratory Scissors, Short ..... each



## GENERAL LABORATORY SCISSORS, STRAIGHT

Blunt/Blunt points, Stainless Steel, 150mm L (5.9")

1335 General Laboratory Scissors, Straight ..... each

## AESCULAP® FORCEPS, MEDIUM, SERRATED TIPS



5002-23 Medium Dissecting Forceps, Straight, 115mm (4.57") ... each



5002-25 Medium Dissecting Forceps, Straight, 130mm (5.12") ... each



5002-27 Medium Dissecting Forceps, Straight, 145mm (5.71") ... each



5002-29 Medium Dissecting Forceps, Straight, 160mm (6.3") ..... each



## CELLSAFE™ BIOPSY CASSETTES

The CellSafe™ fits into a regular cassette and is designed to contain small tissue fragments and biopsies during tissue processing. The top and bottom consist of extra fine nylon mesh preventing small tissues from getting lost during specimen preparation, keeping them safe. The plastic frame and nylon mesh are suitable for use in common tissue processing reagents including formaldehyde solutions, Bouin's fluid, alcohol solutions, xylene, chloroform, citrus based clearing agents and paraffin wax (melting point up to 65°C). The CellSafe™ is designed for single use only. 27.2 x 25 x 4.57mm H

27165 Cellsafe™ Biopsy Cassettes ..... pkg/100



## BIOPSY FOAM PADS

*polyester urethane foam*

Prevent tissues from being lost during processing. Made of cellular polyester urethane foam which is always verified for consistency throughout in order to achieve optimum solvent flow. Biopsy samples are sandwiched between two foam pads and are placed either in tissue capsules or cassettes with metal or plastic lids.

27154-1 Biopsy Foam Pads, 30.2 x 25.4 x 2mm H ..... pkg/1000



## NYLON BIOPSY BAGS

Made for the processing of small pathology tissue samples and cytology aspirates. Tissue samples are placed or filtered into the biopsy bag. The bag is then placed into a tissue cassette and processed as normal. Biopsy bags prevent the loss of small tissue samples.

27154-5 Biopsy Bags, 30 x 50mm ..... box/1000

27154-6 Biopsy Bags, 45 x 75mm ..... box/200

27154-7 Biopsy Bags, 75 x 95mm ..... box/500

**NEW TISSUE MARKING DYE, RACK & MORDANT**

Permanent tissue marking dyes are formulated to provide very bright and clear identification of microscopic areas of interest and to easily identify the orientation of excised tissue samples. They are readily visible on cut frozen tissue sections. These dyes will not run, bleed, fade or lose intensity from tissue processing and/or during staining procedures in the histology laboratory.

- Available individually or as a kit with rack and swabs.
- Formulated to define margins without bleeding or fading.
- Durable, bright dyes hold permanently through processing and staining procedures.
- Unique lids may either be completely removed or conveniently flipped open to prevent drying.

27213-RK Tissue Marking Dye, 5-Color Kit..... each

**STATMARK™ PERMANENT MARKER**

**General Use:** Histology; Slide & Cassette Marking

**Writing Surface:** Frosted End Microscope Slides, Plastic

The STATMARK™ Pen is the ideal black marker for histology and cytology labs. It has a permanent ink that resists even the harshest chemicals including formalin, ethanol, isopropanol and xylene. Writing remains clean, clear and legible throughout the range of laboratory procedures, including processing and staining. The ink dries quickly and will not run or smear. It lasts through fixatives, baths, dips, stains, bleaches and more. Best of all, the STATMARK™ Pen will not readily dry out.

22313 STATMARK™ Pen.....box/12

**SECURLINE® LAB MARKER**

**General Use:** Microbiology, Histology

**Writing Surface:** Polystyrene petri dishes, metal, glass and most plastic, cold moist surfaces

**Resistant To:** Autoclaving and water. Remove from nonporous surfaces with mineral oil or petroleum jelly.

Durable porous plastic tips with permanent, quick-drying, water resistant ink that writes on cold or wet surfaces, plastic bags, or disposable labware. Markings will not smear on reusable glass, metal, or porcelain labware, but can be scrubbed off. Suitable for general lab, hospital or industrial use.

Not suitable for freezing temperatures below 0°C (32° F). Tip size Ø0.5mm, latex-free.

27174 Secureline® Lab Marker.....pkg/5

**SECURLINE® MARKER II / SUPERFROST**

**General Use:** Histology, Cytology

**Writing Surface:** Plastic embedding cassettes and frosted end of microscope slides

**Resistant To:** Water, ethanol, formalin, xylene and other solvents. Remove from non-porous surfaces with acetic acid, chloroform or ethanol/xylene mixture.

Ultra-permanent ink that resists solvents such as xylene, ethanol, acetone and formalin. Ideal for histology and cytology. Markings will not run on embedding cassettes, frosted or painted slides or labware through repeated washes and solutions. Markings can be removed with acetic acid, ethanol/xylene mixture or paraffin. Testing is advised before use on actual specimens. Service temperature range: -15°C to 100°C (5°F to 212°F).

27176 Secureline® Lab Marker II, Superfrost.....pkg/5

**MOIST MARK PLUS™ PEN**

**General Use:** Histology, Cytology

**Writing Surface:** Glass, Plastic

Premium slide/cassette marker. Writes smooth, dark and fine on all cassettes and all slides. Resistant to solvents, light resistant and water resistant on most surfaces. Use for cytology as a "dotting" reference marker as well.

22314 Moist Mark Plus™ Pen .....box/10





# PROCESSING



## PELCO® BIOPSY & TISSUE CASSETTES

acetal polymer

Specially designed to hold biopsy and/or tissue specimens during the embedding process, as well as in a storage cabinet. Large 45° writing area and efficient flow-through slots. Lids and bases are separate.

*PELCO® Biopsy Cassettes*

27149-1 to 27149-5 Choice of White, Pink, Green, Yellow or Blue .....box/500

*PELCO® Tissue Cassettes*

27164-1 to 27164-5 Choice of White, Pink, Green, Yellow or Blue .....box/500



## UNISSETTE™ BIOPSY & TISSUE CASSETTES

acetal polymer

Efficient flow-through slots. Snap-latch and hinge-lock design prevent early separation of base and lid and allows for one handed operation. Large labeling area on two sides of cassette. Anterior writing area is at 35° angle.

*Uniset™ Biopsy Cassettes*

27450-1 to 27450-5 Choice of White, Pink, Green Yellow or Blue .....box/500

*Uniset™ Tissue Cassettes*

27400-1A to 27400-5A Choice of White, Pink, Green or Blue.....box/500



## MICROMESH™ & MICROSETTE I® MULTI-COMPARTMENT BIOPSY CASSETTES

polypropylene

Micromesh™ Cassettes have 4 compartments measuring 13mm each. Microsette I® Cassettes have 6 compartments measuring 7 x 12mm each. No biopsy pads needed, maximum fluid exchange and proper draining.

*Micromesh™ 4-Compartment Biopsy Cassettes*

27165-1 to 27165-5 Choice of White, Pink, Green Yellow or Blue ..... case/1000

*Microsette I® 6-Compartment Biopsy Cassettes*

27146-1 to 27146-5 Choice of White, Pink, Green Yellow or Blue ..... case/1000



## MICROMESH™ SINGLE COMPARTMENT BIOPSY CASSETTES

polypropylene

1,676 square openings allowing for greatly improved fluid exchange without having to use biopsy pads. 27mm compartment, is perfect even for needle biopsies. The cover does not protrude above the cassette, a great space-saving feature allowing more cassettes to be stacked in automatic labeling machines and tissue processors. 45° angle writing area.

*Micromesh™ Single Compartment Biopsy Cassettes*

27150-1 to 27150-5 Choice of White, Pink, Green Yellow or Blue ..... case/1000





## MACROSETTE® CASSETTES

acetal polymer, with covers assembled

Disposable cassette especially designed to hold larger specimens with a maximum thickness of 10mm during embedding and storage.

Use with 27147-6 Disposable Base Mold.

27166 Macrosette®, White ..... box/250



## NEW SUPER MEGA CASSETTES

acetal polymer

Extra-large processing/embedding cassettes with covers. Disposable cassette designed to hold larger specimens with a maximum thickness of 12mm.

Use with 27197 Stainless Steel Base Mold.

27171 Super Mega Cassette, White..... pkg/10



## NEW EMBEDDING RINGS

white, high impact polystyrene

Suitable for holding and identifying tissue sample blocks and fit well in microtome chuck adapters. The etched writing surface on the ring is marked with an identification number.

Use with 27190 through 27196 Stainless Steel Base Molds or 27147-series Disposable Base Molds.

27169-1 Embedding Rings, White..... box/250



## PELCO® STAINLESS STEEL BASE MOLDS

High quality, yet economically priced stainless steel base molds for use with all standard tissue and biopsy cassettes. The reusable molds are 5mm deep and have extended legs for improved stability. Smooth stainless

steel surface and rounded corners facilitate easy removal. Flat base for maximum heat/cold exchange.

27280	7 x 7 x 5mm .....	pkg/12
27281	15 x 15 x 5mm .....	pkg/12
27282	24 x 24 x 5mm .....	pkg/12
27283	30 x 24 x 5mm .....	pkg/12
27284	37 x 24 x 5mm .....	pkg/12



## STAINLESS STEEL BASE MOLDS, TISSUE-TEK®

for use with embedding rings

Reusable. Stainless steel. Embedding rings will fit all sizes. Available in 6mm, (1/4") and 12mm, (1/2") depth. 12 molds per case. Sold in USA only.

27190	16 x 16 x 6mm .....	case/12
27191	22 x 22 x 6mm .....	case/12
27192	32 x 25 x 6mm .....	case/12
27193	38 x 25 x 6mm .....	case/12
27194	22 x 22 x 12mm .....	case/12
27195	32 x 25 x 12mm .....	case/12
27196	38 x 25 x 12mm .....	case/12



## METAL TISSUE CASSETTE COVER

stainless steel

Stainless Steel lid for use on Series 27168 Cassettes.

28mm width (1.1"), 33.5mm length (1.35").

27167 Metal Process Cover ..... box/25

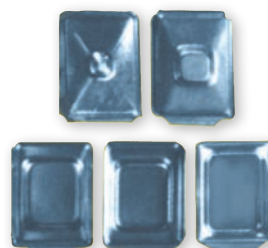


## TISSUE CASSETTE BASES

acetal polymer, except 27168-0 (clear) polypropylene

Disposable plastic tissue cassette bases. Case contains 3 dispenser boxes of 500 cassettes.

27168-0 to 27168-5 Choice of Clear, White, Pink, Green Yellow or Blue..... box/500



## STAINLESS STEEL BASE MOLDS, TISSUE-TEK®

For use with tissue and biopsy cassettes. Five millimeter deep molds are made of stainless steel and are reusable with extended

fins to prevent tipping and provide gripping surface for easy handling. Flat metal bottom allows maximum heat/cold exchange. Sold in USA only.

27185	7 x 7 x 5mm .....	case/12
27186	15 x 15 x 5mm .....	case/12
27187	24 x 24 x 5mm .....	case/12
27188	30 x 24 x 5mm .....	case/12
27189	37 x 24 x 5mm .....	case/12



## 27147 SERIES DISPOSABLE BASE MOLDS

Disposable base molds offer ease and convenience of operation. They are inexpensive enough to be discarded after use,

yet strong enough to be reused. Made of PVC, they offer excellent thermal exchange. Smooth interior finish and rounded corners facilitate removal.

27147-1	7 x 7 x 5mm .....	box/500
27147-2	15 x 15 x 5mm .....	box/500
27147-3	24 x 24 x 5mm .....	box/500
27147-4	30 x 24 x 5mm .....	box/500
27147-5	37 x 24 x 5mm .....	box/500
27147-6	37 x 24 x 10mm .....	box/500

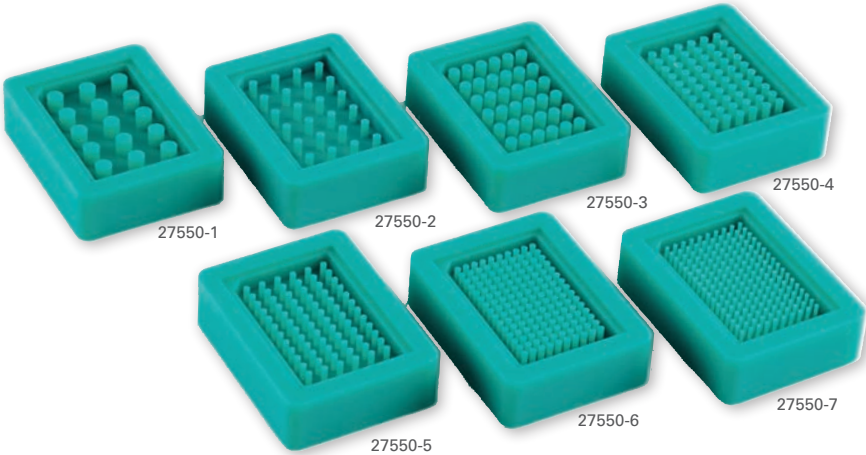
PROCESSING

NEW TISSUE MICROARRAY MOLD KITS

array up to 170 cores in one paraffin block

Tissue Microarrays are paraffin blocks made by extracting cylindrical tissue cores from different donor blocks and re-embedding these into a single recipient microarray block at defined array coordinates.

Using this technique, up to 170 tissue samples can be arrayed into a single paraffin block. Cores sizes vary from 1mm to 4mm. Each microarray block can be cut into 100 to 500 sections. These sections can then be stained by standard histologic procedures or used in immunochemistry and *in situ* hybridization.



Each kit includes one Tissue Microarray Mold and four Miltex® Tissue Punches.



2mm Kit  
27550-2

Features & Benefits

- Seven patterns available offering 15 to 170 cores
- Molds made of silicone
- Can be reused multiple times without losing flexibility
- Molds able to withstand temps between -100° C to +250° C
- View multiple samples on one slide

Applications

- Cancer/tumor research
- Drug discovery
- Tissue bank
- Characterization of antibiotics
- Tissue specific expression profiling of proteins and genes
- Analysis of molecular targets

27550-1 through 27550-7 Tissue Microarray Mold Kits .....each



Place cassette into mold



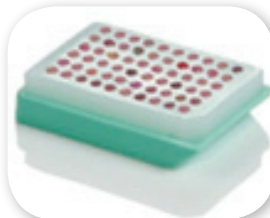
Fill with paraffin



Remove mold to expose recipient block



Extract cores from donor block



Recipient block with sample cores



PARAFFIN DISPENSER

Microprocessor controlled with heated, non-drip spigot. A clear lid permits easy viewing of paraffin without contamination. The durable stainless steel interior is easy to clean. It features a built-in temperature controller that allows setting the temperature from room temperature to 72°C (162°F).

40 W x 38.1 D x 45.7 H cm  
(16" W x 15" D x 18" H)  
Weight: 21 kg (46 lbs.)

- 28151 Paraffin Dispenser, 2.5 Gallon Capacity, 110VAC, 60Hz, 10A.....each
- 28151-230 Paraffin Dispenser, 2.5 Gallon Capacity, 220VAC, 50/60Hz, 5A.....each



18394

PARAPLAST X-TRA®

Optimum media composed of clear pellets of low-molecular weight polymers and highly purified paraffins. ASTM melting point, 50° to 54°C. Cut to 2µm thickness with exceptional compression resistance and ribbon continuity. Cut sections are free of distortion; sample morphology is preserved. Low viscosity permits complete infiltration of dense tissue.

Paraplast X-TRA®, 1kg/bag .....case/8



18393

PARAPLAST PLUS®

Tissue embedding medium for faster penetration in one-third the time. Cut to 2µm thickness with excellent ribbon continuity; melts rapidly at 56-67°C. Double filtered paraffin containing plastic polymers of regulated molecular weights and a small percent (0.8%) of dimethyl sulphoxide (DMSO) for faster tissue penetration.

Paraplast Plus®, 1kg/bag .....case/8

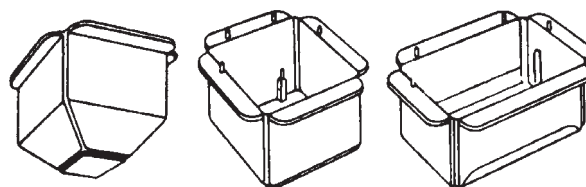




## NEW POLYSHIELD® LIQUID PARAFFIN REPELLENT

Used as a protective coating on laboratory surfaces that are exposed to paraffin residue. Can also be used to clean paraffin that has adhered to lab countertops and equipment.

27210 Polyshield® 4oz. .... each



## PEEL-A-WAY® DISPOSABLE HISTOLOGY MOLDS

These tear-away molds are useful for most plastic embedding media and are especially suited for paraffins. May be used under anaerobic conditions. Peel-A-Way® I.D. Tabs are for use as identification with the Peel-A-Way® embedding molds.

27110 22 x 22 x 20mm ..... case/288  
 27112 22 x 30 x 20mm, Rectangular..... case/288  
 27114 22 x 40 x 20mm, Rectangular..... case/264  
 27116 22 x 22 x 8mm, Tapered Bottom ..... case/288  
 27118 22 x 22 x 12mm, Tapered Bottom ..... case/288  
 27124 Peel-A-Way® ID Tabs ..... book/8000

## DRESSING FORCEPS, ECONOMY



13268 Dressing Forceps, 300mm L (11.8") ..... each

## MICROSCOPY FORCEPS, STAINLESS STEEL



5443 Microscopy Forceps, 115mm L (4.53") ..... each



5445 Microscopy Forceps, 145mm L (5.71") ..... each



## MULTI-PURPOSE LAB CONTAINERS

These polypropylene containers, with snap

on lids, are specifically designed for the collection and transportation of various sizes of tissue samples.

12935 Lab Containers w/ Lids, 8 oz. (236ml).....case/250  
 12936 Lab Containers w/ Lids, 32 oz. (946ml).....case/100  
 12937 Lab Containers w/ Lids, 64 oz. (1893ml).....case/50



## TRIPLE-SEAL SNAP-TOP SPECIMEN TRANSPORT CONTAINERS

The built-in triple-seal design on the lid provides a leakproof, airtight construction ideal for pathology laboratories, transporting wet samples and storing (wet) samples. The permanent hinge and the snap-top design allows for one-hand opening and closing. Molded of translucent polypropylene. Additional locking latch on the 120 and 250ml vials.

12950-120LP Triple-Seal Vial w/ locking latch, 120ml .. case/250  
 12950-250LP Triple-Seal Vial w/ locking latch, 250ml .. case/140



## NEW BLOCK-OUT® BASE MOLD RELEASE COMPOUND

Allows for easy separation of paraffin from the base mold. Helps to prevent paraffin build-up on metal base molds.

27216 BlockOut® 4oz. .... each



## TISSUE-TEK® MOLD RELEASE

Used to coat base molds for easy release of paraffin blocks. Dilute 5ml of concentrate with 95ml of ethyl or isopropyl alcohol. Dip molds and dry before use. 4 oz. bottle. Sold in USA only.

*Hazardous shipping-by-air fees apply.*

27215 Tissue-Tek® Mold Release, 4 oz. .... each



## HISTO-CLEAR / HISTO-CLEAR II

Histo-Clear, distilled essential oils (food grade) and Histo-Clear II, a mixture of aliphatic hydrocarbons and distilled essential oils, (food grade) are excellent non-toxic clearing agents replacing xylene. The use of Histo-Clear in the laboratory means no longer having to breathe xylene when preparing histological sections. Distilled from

oranges, carefully purified, and stabilized, Histo-Clear and Histo-Clear II are one of the safest clearing agents available. Histo-Clear II is a version of Histo-Clear with less smell.

*Hazardous shipping-by-air fees apply.*

18390-G Histo-Clear, 1 gallon.....each  
 18391-G Histo-Clear II, 1 gallon.....each



## ETHYL ALCOHOL, ANHYDROUS

Flammable and toxic.

*Hazardous shipping fees apply.*

19206 Glass Distilled, Ethyl Alcohol, 1 liter .....each  
 19207 Glass Distilled, Ethyl Alcohol, 200ml.....each



# SECTIONING



## HMT-2258 ROTARY MICROTOME

The HMT-2258 Rotary Microtome offers a sleek, straight-forward design for sectioning paraffin embedded tissue. The smooth counter-balanced hand wheel allows freedom of control but limits fatigue. The wheel may be locked in any position. The universal cassette holder affords versatility and multiple angle adjustments for different tissues or embedding demands. The coarse advance wheel allows a controlled approach for efficient trimming. The section thickness window is easily viewed and adjusted on the front of the instrument.

Knife holder capable of handling both high and low profile blades has smooth lateral movement to utilize the full length of the cutting blade and slides easily onto the dovetail base. For added safety, the knife holder has a knife guard to cover the blade when the instrument is unattended. The knife guard also contains a pin mechanism for ejecting the blade for safe and simple removal and disposal. The knife holder clearance angle, 0 – 10°, can be adjusted anytime while on the unit. A waste tray

slides effortlessly under the front of the unit and is easily removed for cleaning. The HMT-2258 Rotary Microtome is a cost-efficient, compact and sturdy instrument designed with the basic laboratory sectioning needs and safety in mind.

## FEATURES

- Universal cassette block holder
- Versatile lock on hand wheel
- Full lateral movement of knife holder
- Safety knife guard/blade ejector
- Easy-to-clean waste tray
- Compact, sleek and sturdy design

## SPECIFICATIONS

- Feed advance: 28mm
- Vertical stroke: 60mm
- Thickness 0.5 - 60µm
- Dimensions: 17 ¼" x 21 ¼" x 11 ½" (440 x 540 x 290mm)
- Weight: 51.4 lbs (23.3kg)

28158 HMT-2258 Rotary Microtome ..... each

Visit [www.tedpella.com](http://www.tedpella.com) for full selection of microtome accessories.



## TISSUE FLOATATION WATER BATH

The glass Tissue Floatation Water Bath has been developed using microprocessor controls and a modular design that has improved reliability and precision. The unit is low profile with a removable rectangular glass basin for easy cleaning. The glass basin is illuminated by LED light from the side allowing clear observation without glare against the black background. There is an ON/OFF switch on the control panel for the LED light. Temperature settings are controlled by push buttons for accurate and precise control and the easy-to-read LED displays show both set temperature and actual temperature. The corrosion resistant, stainless steel temperature probe flips down into place. The probe has a thermostat sensor inside that turns off when it is lifted up and re-starts when placed back into the basin.

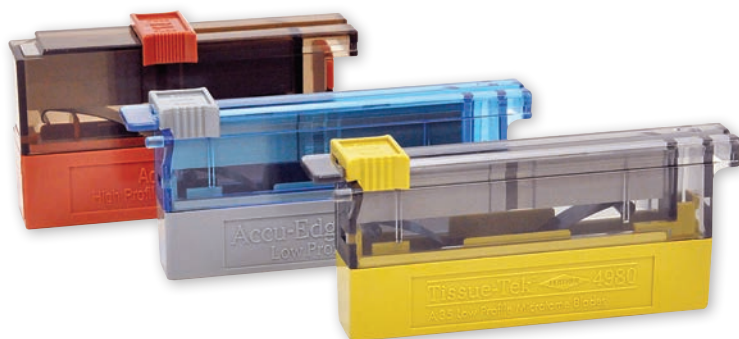
- 28156-B Programmable Tissue Floating Bath, 115VAC, 5A ..each  
 28156-230-B Programmable Tissue Floating Bath, 230VAC, 2.5A each



## BLOCK WAX TRIMMER

The Block Wax Trimmer is an efficient appliance for removing excess paraffin from embedding tissue cassettes and can be used with all sizes of biopsy and mega cassettes. The grooved, heated surface channels melt wax into a removable collection tray that stays in place at the base of the unit by magnetic contact. Disposable plastic liners are included to insert inside the collection tray for easy disposal of the runoff wax. There are two heat settings on the side of the cabinet; low is approximately 27°C (81°F) and high is approximately 32°C (90°F).

- 28154 Block Wax Trimmer, 115V, 60Hz, 1.4A.....each  
 28154-230 Block Wax Trimmer, 230V, 50/60Hz, 0.7A.....each  
 28154-10 Disposable Replacement Liners for Collection Tray .....pkg/50



## TISSUE-TEK® ACCU-EDGE® HIGH AND LOW PROFILE DISPOSABLE BLADES

These blades are reliably sharp and uniformly consistent. Ultrasharp edges have a PTFE resin coating, making it possible to obtain acceptable ribbons sooner and increase section quality. The low profile blades can be used for sections less than 3µm, while the high profile are designed for tough materials and sections over 3µm. Sold in USA only.

- 27235 Accu-Edge® 4689 Low Profile Blades, Dispenser of 50 blades, 80mm (3.15") L..... each  
 27236 Tissue-Tek® Feather® 4980 Low Profile Blades, Dispenser of 50 blades, 80mm (3.15") L..... each  
 27237 Accu-Edge® 4685 High Profile Blades, Dispenser of 50 blades, 75.7mm (2.98") L..... each



## SHUR/SHARP™ DISPOSABLE BLADES

Choose from these three disposable microtome blades to meet all your sectioning needs: Standard low profile blades for routine thin tissue samples; high profile blades for thicker sections; and heavy duty for difficult-to-section samples like uterus.

- 27230 Standard Low Profile Blades, Dispenser of 50 blades, 76mm (3") L ..... each  
 27231 High Profile Blades, Dispenser of 50 blades, 76mm (3") L..... each  
 27232 Heavy Duty Microtome Blades, Dispenser of 35 blades, 76.2mm (3") L ..... each

## SECTIONING



### DURAEDGE® HIGH PROFILE DISPOSABLE MICROTOME BLADES

High quality,  
hardened stain-

less steel finely honed and polished for a flaw-free edge, these blades are PTFE coated and available in high profile. A special proprietary process ensures edge quality and promotes durability. Economy high profile blades are ceramic coated, eliminating edge corrosion and enhancing product life.

- 27241 DuraEdge® 7310 High Profile Disposable Blades, PTFE Coated, Dispenser of 50 blades, 77mm (3") L ..... each
- 27243 DuraEdge® 7203 High Profile Disposable Blades, Ceramic Coated, Dispenser of 50 blades, 77mm (3") L ..... each



### ENCORE™ LOW AND HIGH PROFILE DISPOSABLE MICROTOME BLADES

Encore™ disposable microtome blades provide quality, consistent sections due to the precise

edge geometry of the blade. Using ultra-thin gauge steel (0.010"), and a steeper angle to enhance sharpness, the Encore™ blades last 48% longer and are 32% sharper than standard disposable microtome blades. A proprietary PTFE coating allows the full 80mm of cutting edge to be utilized.

- 27233 Encore™ Low Profile Disposable Microtome Blades, PTFE Coated, 83L x 8W x 0.25mmT (3.27"L x ..0.314"W x 0.010"T), Dispenser of 50 Blades .....each
- 27234 Encore™ High Profile Disposable Microtome Blades, PTFE Coated, 83L x 14W x 0.25mmT (3.27"L x ..0.55"W x 0.010"T), Dispenser of 50 Blades .....each



### DURAEDGE® LOW PROFILE DISPOSABLE MICROTOME BLADES

New triple facet  
blades offer superior  
cutting edge and

durability. Quality stainless steel with three angled facets for the ultimate blade sharpness. Uniform PTFE coating reduces friction, eliminates striations and compression. No break-in period required.

- 27238 DuraEdge® 7223 Low Profile Disposable Blades, Dispenser of 50 blades, 77 L x 8 W x 0.3mm T (3" L x 0.315" W x 0.012" T)..... each



### LIGHT MICROSCOPY (HISTO) CRYO DIAMOND KNIVES

- Frozen sections to be examined at light microscopy magnifications
- 0.1µm - 5µm thickness range
- Available in edge lengths of 5 - 6mm
- Standard knife angle supplied is 45°, unless specified as 55° (custom)
- Specify "W" Boat (stainless steel non-glare finish for wet cryo sectioning, cylindrical cavity and 6° inclined top edge) or "D" Boat (no trough, for dry cryo sectioning, stainless steel, non-glare finish) when ordering.

- 122-LC-50 Diamond Knife, LC, 5.0mm, W or D Boat..... each
- 122-LC-50-R Resharpen Diamond Knife, LC, 5.0mm ..... each
- 122-LC-55 Diamond Knife, LC, 5.5mm, W or D Boat..... each
- 122-LC-55-R Resharpen Diamond Knife, LC, 5.5mm ..... each
- 122-LC-60 Diamond Knife, LC, 6.0mm, W or D Boat..... each
- 122-LC-60-R Resharpen Diamond Knife, LC, 6.0mm ..... each

## DISSECTING FORCEPS, ECONOMY



- 13250 Straight Forceps, Serrated Tips, 127mm (5")..... each



- 5431 Curved Forceps, Serrated Tips, 117mm (4.6") ..... each



- 5432 Curved Forceps, Serrated Tips, Stainless, 140mm (5.5") ..... each

## TUNGSTEN CARBIDE KNIVES

for sectioning hard samples, GMA, epoxy resins & sample preparation for microscopy



Triangular design: will fit all ultramicrotomes with glass knife stages. Section samples that will destroy glass knives and disposable steel knives. Able to section larger specimens than possible with diamond

knives. Sections hard specimens like bone and teeth and other difficult samples.

Economical: Tungsten Carbide Knives are a fraction of the cost of diamond knives and are more durable than all other knives.

Edge length: 9.6mm (3/8") ; Height: 25.4mm (1"); Angle: 40°

- 121-50 Tungsten Carbide Knives ..... pkg/3





## CAMEL HAIR BRUSH

Full body brush secured by a crimped metal ferrule. Ideal for cleaning cryostats and microtomes of debris and dust. Overall length 22.86cm (9").

11872 Camel Hair Brush ..... each



## CAMEL HAIR BRUSHES

Useful for histology section manipulation, SEM, geology, forensic. Seamless ferrules, red enameled handles.

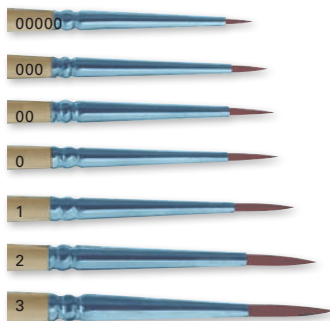
11859 Camel Hair Brush #1 ..... pkg/3  
11860 Camel Hair Brush #2 ..... pkg/3  
11862 Camel Hair Brush #4 ..... pkg/3  
11870 Camel Hair Brushes Set, Includes #1, #2, #4 ..... pkg/3  
11878 Camel Hair Brush #6 ..... pkg/3



## NEW GOLDEN NYLON BRUSHES

Golden Nylon Brushes, flat. Sizes 2, 4, 6 and 8. Ideal for handling and manipulating frozen sections in the cryostat. Overall length 17.5 to 18.9cm.

11840 Pack of 2 Small Brushes, #2, #4 ..... pkg/2  
11841 Pack of 2 Large Brushes, #6, #8 ..... pkg/2  
11842 Pack of 4 Brushes, #2, #4, #6, #8 ..... pkg/4



## RED SABLE BRUSHES

For precise manipulation of TEM specimen grids and samples, dusting of SEM samples and photographic materials or photographic spotting. Sable hairs are springy, relatively fine, and short for better manipulation.

11806 Sable Brush #00000, .08mm W, 4.0mm L ..... each  
11807 Sable Brush #000, 1.0mm W, 6.0mm L ..... each  
11808 Sable Brush #00, 1.0mm W, 7.0mm L ..... each  
11810 Sable Brush #0, 1.3mm W, 8.0mm L ..... each  
11812 Sable Brush #1, 1.5mm W, 9.5mm L ..... each  
11814 Sable Brush #2, 1.8mm W, 11.5mm L ..... each  
11816 Sable Brush #3, 2.0mm W, 13.0mm L ..... each

# SECTIONING / CRYO SECTIONING

## PELCO HISTO/CYTO-FREEZE™ CRYO SPRAY



Excellent for cooling liquid, semi-solid and solid specimens. Ideal for ultra-rapid freezing of fresh tissue, cooling of liquids to induce precipitation prior to filtering and cooling of field samples.

Delivers instant flash freezing for cryostat sectioning. It cools down to -60°F (-50°C) in just three seconds. Contains 10 oz. pure, 100% virgin tetrafluoroethane for enhanced freezing and cooling performance. Non-flammable, non-corrosive odorless gas. Ozone safe. Contains no CFC's.

*Hazardous shipping-by-air fees apply.*

27219 PELCO Histo/Cyto-Freeze™, 10 oz. .... each



## CRYOGEN SPRAY

For cooling and freezing tissue sections. Does not contain dichlorodifluoromethane. Cools to -65°F (-50°C).

*Hazardous shipping-by-air fees apply.*

27218 Cryogen Spray, 10 oz. .... each



## PELCO® CRYO-EMBEDDING COMPOUND

A water soluble glycol medium for use in embedding for frozen sections. This low viscosity compound assures reliable freezing and smooth sections.

27300 PELCO® Cryo-Embedding Compound, 4 oz. .... each



## TISSUE FREEZING MEDIUM

Embedding matrix for frozen tissue sections. Less curling, less ice artifacts, freezes faster. 4 oz. bottle, 12 bottles per case.

27209 Tissue Freezing Medium, 4 oz. .... each



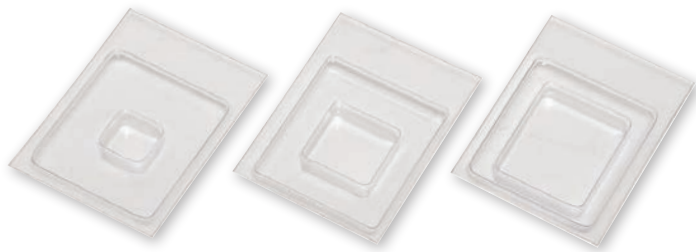
## NEW POLARSTAT PLUS™ CRYO EMBEDDING MEDIA

Medium viscosity formulation. Freezes at -10°C. Optimal cutting temperature ranges from below -10°C to -40°C. Works with an anti-roll plate or may be led off the blade with a brush. It is especially well-suited for Mohs cryostat sectioning.

27224 PolarStat Plus™ 4oz. .... each



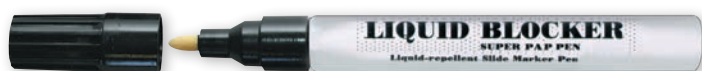
# CRYO SECTIONING



## TISSUE-TEK™ CRYOMOLD®

Creates a uniformly shaped, flat surface specimen block with OCT Compound for frozen sectioning. Disposable PVC plastic molds fit Cryobar® freezing wells. Available in 3 sizes: Standard, Biopsy and Intermediate. For use with Tissue-Tek™ II M/C. Sold in USA only.

- 27180 Standard Size, 25 x 20 x 5mm ..... pkg/100  
 27181 Biopsy Size, 10 x 10 x 5mm ..... pkg/100  
 27183 Intermediate Size, 15 x 15 x 5mm ..... pkg/100



## SUPER PAP PENS: LIQUID BLOCKER

**General Use:** Immunohistochemistry

**Writing Surface:** Glass

Hydrophobic properties allow the user to draw barriers on a slide, in any pattern, to confine the flow of reagents to a defined area. A minimum of valuable antiserum will be used. Visible marking is light green/blue and can be removed with Xylene. For immunohistochemistry, the PAP Pen should be applied after deparaffinization.

- 22309 Super PAP Pen, Regular Size, aprx. 16.5ml ..... each  
 22311 Super PAP Pen, Mini Size, aprx. 7.5ml ..... each



## PEN FOR FROZEN SECTIONS: FRO-TISSUER

**General Use:** Cryosectioning

**Writing Surface:** Glass

Adhesive pen for frozen sections. Will prevent sections from falling off or wrinkling. Effective with PAP/PAAP, ABC, LAB-SA and immunofluorescent methods. Stable up to 110°C.

- 22302 Fro-Tissuer, Pen for Frozen Sections ..... each



## IMMEDGE™ PEN

**General Use:** Immunohistochemistry, *In situ* Hybridization

**Writing Surface:** Glass

This hydrophobic barrier pen is designed for use with frozen or embedded paraffin sections mounted on glass slides. Provides a water repellent barrier that keeps staining reagents localized on the tissue sections; prevents mixing of reagents. Lightly colored, easily visible boundary, insoluble in alcohol and acetone, but removable with most cleaning agents.

- 22312 ImmEdge™ Pen ..... each

## MOUNT-QUICK AQUEOUS MOUNTING MEDIUM



Developed for mounting stained sections for lipid and immune staining, especially when soluble chromogen solution, i.e. AEC, is used with an organic solvent. Refractive Index: 1.41; Specific Gravity: 0.88 so; viscosity: 33 cps (25°); pH: 7.0. Recommended for immunofluorescence.

- 19477 Mount-Quick, 30ml ..... each



## FLUOROMOUNT-G™ MOUNTING MEDIA

A water-soluble, non-fluorescing mounting media for cover slipping slides after a staining procedure with an aqueous final step. Will have a semi-permanent seal for long-term storage. Fluoromount-G™ may be used with cell preparations and tissue sections.

- 19475 Fluoromount-G™, 25ml ..... each



## CRYO-APRON

Provides a high-level of thermal protection to the torso and upper legs in harsh cryogenic atmospheres. Aprons have no pockets. For added safety they have quick release buckles at the neck and waist. The material used is a multi-layered insulated construction to provide maximum protection and comfort.

- 81731 Cryo-Apron, 36", Small ..... each  
 81732 Cryo-Apron, 42", Medium ..... each  
 81733 Cryo-Apron, 48", Large ..... each  
 81734 Cryo-Apron, 54", X-large ..... each



## CRYO-GLOVES

Used in cryogenic atmosphere, ultra low temperature freezers, dry ice, steam autoclaves and ovens. Suitable for temperatures from -160°C (-250°F) to +148°C (300°F).

Resistant to solvents, warmth without bulk, machine washable/dryable, breathable. Not antistatic. Antistatic protection should be worn while handling free-flowing liquid oxygen. Available in four sizes:

- Shoulder Length: 24-3/4"x27" (625 x 685mm)
- Elbow Length: 17-1/4"x19-1/4" (440 x 485mm)
- Mid-Arm Length: 13-1/2" x 15-1/4" (345 x 390mm)
- Wrist Length: 11-1/4" x 12-1/2" (290 x 320mm)

- 81715 through 81718 Shoulder Length, Small (size 8), Medium (size 9), Large (size 10), XL (size11) ..... 1 pair  
 81719 through 81728 Elbow Length, Small (size 8), Medium (size 9), Large (size 10), XL (size11) ..... 1 pair  
 81723 through 81726 Mid Arm Length, Small (size 8), Medium (size 9), Large (size 10), XL (size11) ..... 1 pair  
 81721 through 81730 Wrist Length, Small (size 8), Medium (size 9), Large (size 10), XL (size11) ..... 1 pair





## DEWAR WITH HANDLES

These dewars are ideal for temporary storage of liquid gas in laboratory settings. These flasks incorporate the convenience of a coated handle on the most popular wide mouth cylindrical models.

- 81740-80 350ml Dewar w/Handle, Cylindrical, Wide Mouth.....each
- 81740-85 1000ml Dewar w/Handle, Cylindrical, Wide Mouth.....each
- 81740-90 1900ml Dewar w/Handle, Cylindrical, Wide Mouth.....each



## CRYO COMPATIBLE CONTAINERS

Rigid, single mold polyurethane containers able to provide superior durability at ultra low temperatures. Insulation properties are ideal for ice, ice-salt slur-

ries and a variety of low temperature solutions. The well-designed fitted lid keeps evaporation to a minimum yet the recessed knob aids in comfortable removal. Each container has a pour spout for safe and easy waste dispensing.

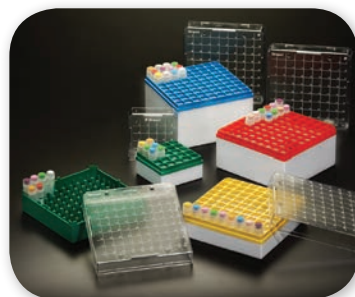
- 20940 4L Bucket, Black, 181 x 234mm..... each
- 20941 1L Pan, Emerald, 267 x 195.5 x 114mm ..... each
- 20942 4L Pan, Blue, 381 x 254 x 182mm..... each
- 20943 9L Pan, Ruby, 5221 x 292 x 163mm..... each



## NEW CRYOVIAL® CANE, TUBES & CAPINSERT™

Cane is made of aluminum; tubes and inserts made of polypropylene. Storage temperature as low as -196°C. Each cane holds up to (5) 1.2 or 2ml tubes. Autoclavable.

- 20945-49 series Cryovial® Tubes .....pkg/100
- 20944 series CapInserts™ .....cs/500
- 20944 Cane for Cryovial® Tubes .....pkg/12



## NEW CRYOSTORE™ CONTAINERS

Cryostore™ containers are made of polycarbonate for the storage of Cryovial® tubes 1.2 to 5ml in 25, 81 and 100 count. They also store 10ml Cryovial® tubes in 42 count. Each has a transparent keyed cover

with numbered squares that prevents misalignment. Air vents and drain holes minimize condensation. Storage temperature +121°C to -196°C. Autoclavable to 120°C, 15psig (1 bar), 20 min.

- 20950 series 1-2ml, available in four colors .....25 count
- 20951 series 1-2ml, available in four colors .....81 count
- 20952 series 1-2ml, available in four colors .....100 count
- 20953 series 3-5ml, available in four colors .....81 count
- 20954 series 10ml, available in four colors.....42 count

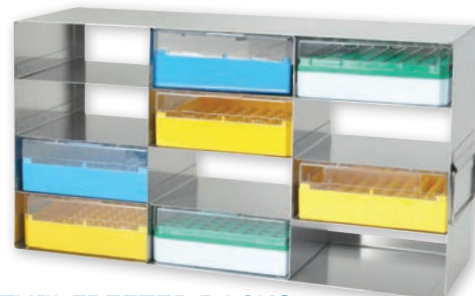
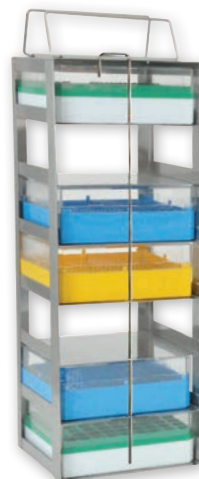


## NEW TRUE NORTH™ FREEZER BOXES

Economical, reusable and moisture resistant plastic boxes for freezer storage of tubes, cryovials, and mini centrifuge tubes. Freezer boxes are supplied "flat-packed" eliminating the hassle of stacking and reduces the amount of space needed for storage. Boxes fit in standard freezer racks.

- Made of corrugated or thin film polypropylene
- Not affected by moisture; reduces the chance of mold
- Dividers included with each box
- Store down to -80°C (-112°F)

- 20960 through 20963 Corrugated Boxes for 0.2 to 5.0ml Tubes.....pkg/10
- 20964 through 20965 Corrugated Boxes for 15 and 50ml Tubes.....pkg/10
- 20966 series Thin Polypropylene Film Boxes for 1.5 and 2.0ml Tubes.....pkg/10



## NEW TRUE NORTH™ FREEZER RACKS

An economical and efficient system to organize and store specimens in a freezer. Choose from a wide selection of corrosion-resistant stainless steel racks compatible with the major brands of laboratory chest and upright freezers. All racks have handles to easily place or remove from your freezer.

- Store boxes up to a 135 x 153mm footprint
- Accommodate 2" tall boxes (up to 5cm) to 3" tall (up to 7.6cm)
- For use with Cryostore™ and True North™ Freezer Storage Boxes for tubes from 1.5/2ml to 50ml

- 20970 series Freezer Racks for Chest Freezers.....each
- 20971 series Freezer Racks for Upright Freezers .....each



SECTIONING



NEW LARGE AND SMALL SLIDE WARMERS

Available with a large capacity 56-slide plate or a compact, small 24-slide plate, with or without a hinged cover. These high quality, quick-drying slide warmers are ideal for either the high volume clinical laboratory or the smaller histology or research lab.

The large slide warmer provides a higher volume laboratory an excellent tool for drying paraffin sections in minutes in order to perform routine staining or immunohistochemistry, while the small warmer is perfect for use in histology, pathology and life science research for drying paraffin tissue sections.

Each warmer is equipped with digital temperature control and an LED readout. Thermostatic temperature control from room temperature to 75°C (158°F). Anodized black working surfaces provide excellent contrast.

Large Surface Plate - 56 Slides: 63.5 x 20.3 x 7.6cm (25" x 8" x 3")  
Small Surface Plate - 24 Slides: 25.4 x 17.8 x 7.6cm (10" x 7" x 3")

12858-D	Large Slide Warmer, 115V, 60Hz, 1.8A.....	each
12858-220-D	Large Slide Warmer, 230V, 50/60Hz, 0.9A.....	each
12857-D	Small Slide Warmer, 115V, 60Hz, 1.2A.....	each
12857-220-D	Small Slide Warmer, 230V, 50/60Hz, 0.6A.....	each
12859-D	<b>NEW</b> Small Slide Warmer with Hinged Cover, 115V, 60Hz, 1.8A.....	each
12859-220-D	<b>NEW</b> Small Slide Warmer with Hinged Cover, 230V, 50/60Hz, 0.9A.....	each
12860-D	<b>NEW</b> Large Slide Warmer with Hinged Cover, 115V, 60Hz, 1.2A.....	each
12860-220-D	<b>NEW</b> Large Slide Warmer with Hinged Cover, 230V, 50/60Hz, 0.6A.....	each



STEP UP™ SLIDE WARMER FOR 40 SLIDES

The Step Up™ Slide Warmer has a unique design to save space and assist in efficient handling of a high volume of slides. The Step Up™ Slide Warmer holds twice the number of slides as a flat unit of similar dimensions. The overall dimensions are 14"x 14"x 4" (35.5 x 35.5 x 10.2 cm) with digital temperature control and LED readout. Essential for use in histology, pathology or research performing routine stains or immunohistochemistry, this unit has thermostatic temperature control from room temperature to 70°C (158°F) and allows easy access for slide retrieval

12856	Step Up™ Slide Warmer, 115V, 60Hz.....	each
12856-230	Step Up™ Slide Warmer, 230V, 50/60Hz.....	each



SLIDE DRYER II

The Slide Dryer II dries slides rapidly by circulating heated air over the slide surface, all enclosed in a compact design. Operates from ambient temperature to 75°C (167°F) through the thermostat knob located on top of the unit. Overheating is prevented by a thermal switch with an indicator light. The stainless steel hinged lid of the Slide Dryer II accommodates a standard thermometer for temperature monitoring.

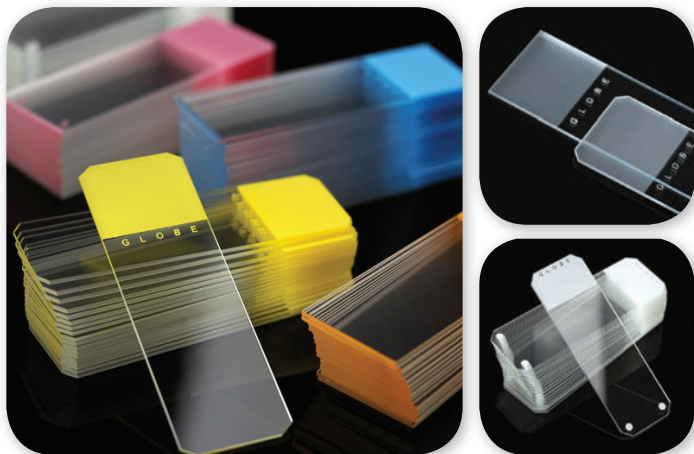
The drying chamber can hold 2 staining racks and has a removable stainless steel grill on the bottom for easy cleaning. The Slide Dryer II offers an uncomplicated, fast method for drying slides to maintain a streamlined histology process.

28155	Slide Dryer II, 115V.....	each
28155-230	Slide Dryer II, 230V.....	each

Visit [www.tedpella.com](http://www.tedpella.com) for complete selection of histology equipment.



# MICROSCOPE SLIDES



## NEW DIAMOND™ WHITE GLASS MICROSCOPE SLIDES

Diamond™ White is a super high quality line of slides that compares to German & Swiss made slides, but is offered at a substantially lower cost. Our slides are produced from the highest optical quality water white glass sheets of Soda Lime Glass.

Diamond™ White Glass microscope slides are ideal for all routine applications, automated instruments, long-term storage, and fluorescence studies where the highest optical quality is required. The glass is specially formulated for minimal oxidation during long-term storage.

Available in plain, frosted, color coded, and charged (+). Diamond™ White Glass microscope slides are available with ground edges with 90° corners and beveled edges with clipped corners. Pre-cleaned and ready to use.

- Produced from the finest quality optical water white glass
- Packed in high-quality white plastic boxes
- 25 x 75mm; thickness: 1mm

### Diamond™ White Slides, Plain

260384 75 x 25mm, ground edges, 90° corners ..... pkg/144  
260385 75 x 25mm, beveled edges, clipped corners...pkg/144

### Diamond™ White Slides, Frosted End

260386 75 x 25mm, ground edges, 90° corners ..... pkg/144  
260387 75 x 25mm, beveled edges, clipped corners...pkg/144

Diamond™ White Slides, Charged (+), Color Coded (260381 series)  
75 x 25mm, ground edges, 90° corners, frosted end..... pkg/144

Diamond™ White Slides, Color Coded (260382 series)  
75 x 25mm, ground edges, 90° corners, frosted end..... pkg/144



## GOLD SEAL® MICROSCOPE SLIDES

For over 50 years the Gold Seal® line of microscope slides has been the industry standard for quality and reliability. These products undergo the most stringent manufacturing and inspection procedures achievable, ensuring our customers the highest,

most consistent quality available. To preserve this quality from manufacture to ultimate use, all Gold Seal® slides are hermetically sealed in the Moisture-Barrier™ System, providing a dry-slide environment during shipment and storage. This desiccated air-tight package eliminates moisture exposure that can degrade the slide surface, causing poor wettability and haziness found in other microscope slide products. Made from pre-selected, pre-cleaned soda lime glass.

### Gold Seal® Slides, Plain

260200 Micro-Slides, 3" x 1" x 1mm ..... pkg/144  
260202 Micro-Slides, 75 x 25mm, 1mm Thickness... pkg/144

### Gold Seal® Rite-On™ Slides, Frosted

260210 3" x 1" x 1mm, Frosted One End, One Side  
w/Brilliant White Epoxy Ink..... pkg/144  
260211 75 x 25 x 1mm, Frosted One End, One Side  
w/Brilliant White Epoxy Ink..... pkg/144

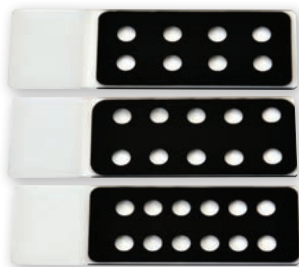
## GOLD SEAL® ULTRASTICK™ MICROSLIDES

UltraStick™ Microslides are ideal for histological and cytological applications demanding superior specimen-to-slide adhesion. The enhanced silane coating, APTES (3-amino-propyltriethoxysilane), eliminates tedious lab coating procedures and special additives to your water bath. Simply open the Moisture-Barrier™ sealed case and you are guaranteed that fresh slides are ready for use. Procedures such as immunoperoxidase, *in situ* DNA hybridization, enzyme digestion and frozen tissue processing will benefit from the enhanced characteristics of this product. An additional advantage is the clear, accurate labeling on the UltraFrost™ writing area.

260224 75 x 25 x 1mm, Surface Coated for Adhesion,  
Frosted One End, One Side..... pkg/144



# MICROSCOPE SLIDES



## NEW SPOT SLIDES

Made from clear soda lime corrosion resistant glass. Pre-cleaned slides with a size of 3" x 1" (76.2 x 25.4mm and a 1-1.2mm thickness). Ground edges with 90° corners. The technically advanced hydrophobic coating prevents cross

contamination by keeping fluids in the well area. Super hydrophobic printed mask with clean wettable wells. The printed mask is an epoxy ink with PTFE. This coating thickness is 0.130mm. Wells are Ø5mm each.

260505	3" x 1" x 1.1mm, 8 Well .....	pkg/144
260503	3" x 1" x 1.1mm, 10 Well .....	pkg/144
260504	3" x 1" x 1.1mm, 12 Well .....	pkg/144



## CAVITY SLIDES

Slides with single or double precisely ground and polished spherical depressions or cavities. Also known as depression or well slides. The concave walls are particularly useful for

holding liquid samples and tissue cultures. Packed in a box of 48 slides. Each slide separated by tissue paper.

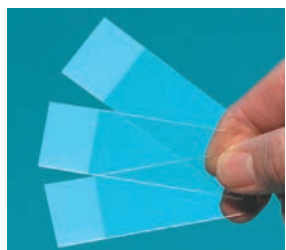
260241	3" x 1" x 1.1mm, Single Well .....	pkg/48
260242	3" x 1" x 1.1mm, Double Well .....	pkg/48



## ECONOMY GLASS MICROSCOPE SLIDES

Made from clear soda lime corrosion resistant glass. Pre-cleaned 3" x 1" slides with a 0.039-0.047" thickness (76.2 x 25.4mm and a 1 to 1.2mm thickness). Ground edges. No notable interference from UV absorption or reflection in the 250-350nm range (tested with 280nm). Available as plain or single frosted slides with beveled corners and single frosted with fine ground edges. 144 slides per package.

260441	Plain Economy, Beveled Edges, 3" x 1" .....	each
260441	Single Frosted, Beveled Corners, 3" x 1" .....	each
260440	Single Frosted Economy, 3" x 1" .....	each



## CORNING® FROSTED END, ONE SIDE, SLIDES

Packed 72 slides per box. Pre-cleaned. 75 x 25mm. Frosted end. Thickness: 0.038" to 0.042" (0.96 to 1.06mm).

26003	Corning® Glass Slides, 75 x 25mm, Frosted End .....	pkg/72
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## LUMINANO ADHESION MICROSCOPE SLIDES

Positively charged amine-coated slides for use in immunohistochemistry, *in situ* hybridization, cytology, histology and pathology. The positive charge of the amine groups provides an optimum surface for tissue/cell adhesion by charge-charge interaction. The strong hydrophilic nature enables the tight adhesion to the surface without air bubbles and allows excellent morphology visible through the microscope. Slides are 75 x 25 x 1mm with beveled edges (clipped corners) and a frosted end for labeling.

260436	LumiNano Amine Coated Slides .....	box/100
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## PLAIN GLASS SLIDES

Clear, premium quality, water white glass, pre-cleaned. Ready-to-use. Choice of 2 sizes, inches and metric. Thickness: 1mm (0.97 to 1.07mm).

26007	Glass Slide, 3" x 1" (76.2 x 25.4mm) .....	pkg/144
26008	Glass Slide, 75 x 25mm .....	pkg/144



## UNIFROST™ MICROSCOPE SLIDES

Frosted end on one side. High quality soda lime glass. Color on the frosted end is resistant to common laboratory chemicals. 75 x 25 x 1mm (2.95" x 0.98" x 0.039"). Pre-cleaned and available uncoated or coated with a positive charge.

<i>Unifrost™ Slides, Frosted End</i>		
260409	White .....	pkg/144
260411	Blue .....	pkg/144
260413	Green .....	pkg/144
260415	Pink .....	pkg/144
260420	Yellow .....	pkg/144

<i>Unifrost™ Slides, Coated, Frosted End</i>		
260410	White, Coated .....	pkg/144
260412	Blue, Coated .....	pkg/144
260414	Green, Coated .....	pkg/144
260418	Pink, Coated .....	pkg/144
260424	Yellow, Coated .....	pkg/144

<i>Unifrost™ Slides, Frosted End, Beveled Corners, Ground Edges</i>		
260426	White .....	pkg/144
260428	Blue .....	pkg/144
260430	Green .....	pkg/144
260432	Pink .....	pkg/144
260434	Yellow .....	pkg/144



## SUPERFROST™ PLUS SLIDES

Feature the same outstanding performance as regular Superfrost™ and Colorfrost™ slides, except with a special treatment process that electrostatically adheres tissue sections and cells to the glass without the need for special adhesives or protein coatings - an ideal choice for frozen sections.

260100	Superfrost™ Plus Slides, White .....	pkg/144
260101	Superfrost™ Plus Slides, Blue .....	pkg/144
260102	Superfrost™ Plus Slides, Green .....	pkg/144
260103	Superfrost™ Plus Slides, Pink .....	pkg/144
260104	Superfrost™ Plus Slides, Yellow .....	pkg/144



# STAINING

## EASYDIP™ SLIDE STAINING SYSTEM

Finally, a user-friendly approach for staining your microscope slides, the EasyDip™ Slide Staining System has two components: A square staining jar and a 12-position vertical slide rack. Jars can be loosely joined to each other laterally or used individually. As an extra benefit, they are available in 5 different colors to help better identify contents or applications.

The staining jar, made of acetal plastic, will not break like most glass jars. It is resistant to attacks by most staining agents including alcohol and xylene but not phenol. The wide stable base offers greater stability while the inside is recessed, allowing for a smaller reagent volume of only 80ml for 12 slides. Easy to clean and no metals to corrode. Resistant to temperatures between -170°C and +121°C (-274°F and 250°F). Ideal for special stains, frozen sections and special processes. Slide Staining Rack sold separately. Autoclavable.

27320	EasyDip™ Slide Staining Jar, Blue.....	each
27321	EasyDip™ Slide Staining Jar, Green.....	each
27322	EasyDip™ Slide Staining Jar, Pink.....	each
27323	EasyDip™ Slide Staining Jar, White.....	each
27324	EasyDip™ Slide Staining Jar, Yellow.....	each
27325	EasyDip™ Slide Staining Rack.....	each
27326	EasyDip™ Staining Jar Holder, Aluminum .....	each



## IMMUNOSTAIN MOISTURE CHAMBER

This is a low-cost, high precision moisture chamber for ten slides. Each moisture chamber is divided into ten individual compartments with approximately 12.7mm (1/2") empty space between the compartments. When the chamber lid is closed, eight barrier dividers are placed into the empty spaces between the microscope slide compartments completely isolating all compartments. This is a very desirable feature for immunostaining.

The microscope slides are placed on four pedestal posts and four corner posts each 11.5mm (0.460") high, thus raising the surface of the slides approximately 12.7mm (1/2") off the floor to keep the slides away from the water below and making the slides easily retrievable (either by hand or by forcep).

21049	Moisture Chamber, Clear .....	each
21049-B	Moisture Chamber, Black.....	each
21049-A	Moisture Chamber, Amber .....	each



## DISPOSABLE STAINING SLIDE TRAY SET

Stain, rinse and dry slides on a single working tray made of a polypropylene and polyethylene blend. This rugged staining tray provides a clean, fresh working surface for up to 8 slides. Base has a deep well which holds 38ml of liquid. Top grip on the lid, recessed handles and 2 pour spouts on the base facilitate transport and easy waste removal. Dark color of base and lid make the set ideal for light sensitive luminescent and UV applications.

21052	Disposable Staining Slide Tray Set, Includes 4 Bases / 1 Lid.....	each
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# STAINING



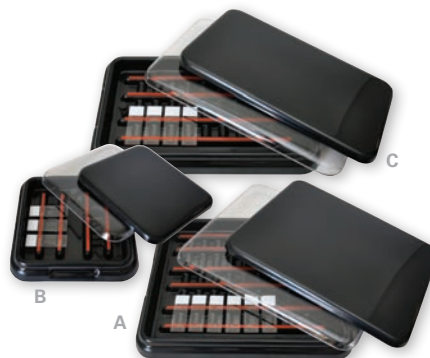
## SEQUENZA™ SLIDE RACK & COVERPLATE™ SYSTEM

*Immunostaining  
on Glass Slides*

Holds 10 glass slides  
and Coverplate™  
units, this is a system

designed for the immunolabeling of sections on glass slides. While originally designed for bench techniques, it is uniquely suited for microwave-assisted applications. The Slide Rack holds glass slides with a Coverplate™. This combination forms a capillary gap between the slide and the plate. Reagent volumes, especially antibody, are greatly reduced using this versatile system. A reagent hopper forms the uppermost part of the plastic Coverplate™ allowing for easy dispensing of reagent into the capillary gap. Using a PELCO BioWave® Pro+ Microwave Processor with a PELCO ColdSpot®, rapid immunostaining of sections on glass slides is reliable and easy.

- |       |                              |      |
|-------|------------------------------|------|
| 36105 | Sequenza™ Slide Rack.....    | each |
| 36107 | Coverplate™ Assemblies ..... | each |



## STAINTRAY™ SLIDE STAINING SYSTEM

The StainTray™ is a versatile staining chamber for immunohistochemistry, routine and light-sensitive stains. The unique design allows water to be added in order to create a stable

humidity chamber. The chamber may also be left empty and act as a waste reservoir during solution changes. Convenient drain plug for easy emptying.

Base is constructed of sturdy ABS plastic and contains 4-6 plastic rails, each with a silicone strip to ensure slides adhere securely in the tray. The rails are raised to prevent interference from water or waste in the reservoir and to make slides easier to retrieve. Rubber feet give greater stability. Stackable for convenient storage.

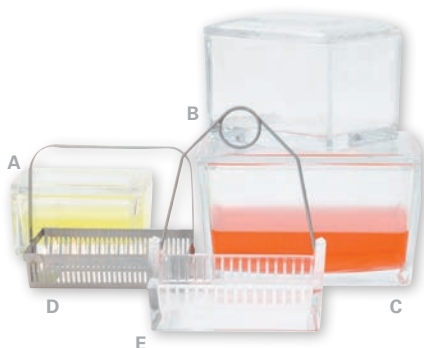
- |         |   |      |
|---------|---|------|
| 21050   | (A) StainTray™, 20-Slide, Black Lid.....                  | each |
| 21050-C | (A) StainTray™, 20-Slide, Clear Lid Only .....            | each |
| 21051   | (B) StainTray™, 10-Slide, Black Lid.....                  | each |
| 21051-C | (B) StainTray™, 10-Slide, Clear Lid Only .....            | each |
| 21053   | (C) <b>NEW</b> StainTray™, 30-Slide, Black Lid .....      | each |
| 21053-C | (C) <b>NEW</b> StainTray™, 30-Slide, Clear Lid Only ..... | each |



## GLASS STAINING JARS WITH COVERS

These popular staining jars are made of a heavy-walled soda lime glass and have a broad base for increased stability. Holds 5 single 75 x 25mm (3" x 1") slides or 10 slides vertically back-to-back.

- |       |  |      |
|-------|--|------|
| 21067 | (A) Coplin Staining Jar with Cover.....    | each |
| 21036 | (B) Coverslip Staining Jar with Cover..... | each |
| 432-1 | (C) Vertical Staining Jar with Cover ..... | each |



## GLASS STAINING DISHES & RACKS

Dishes, covers and racks are made from soda-lime glass and resist stains from Eosin or Hematoxylin. Staining dishes are available in many configurations to accommodate up to 50 slides, with various glass and stainless steel racks.

- |       |   |      |
|-------|---|------|
| 21066 | (A) 10/20 Staining Dish & Cover, 150ml.....   | each |
| 21075 | (B) Staining Dish & Cover, 400ml .....        | each |
| 21054 | (C) Staining Dish & Cover, 650ml .....        | each |
| 21072 | (D) 30-Slide Rack, Stainless Steel .....      | each |
| 21056 | (E) 16/32 Slide Rack, Glass, with Handle..... | each |



## POLYPROPYLENE MICROWAVE SAFE STAINING JAR

Accommodates up to 10 slides, 3" x 1" (75 x 25mm), one per slot. Rectangular top, snap-lock lid, internal grooves. Available with or without a vent in the lid.

- |         |  |      |
|---------|--|------|
| 21046   | Polyp. Staining Jar, 10 Slides, with Vent.....     | each |
| 21046-1 | Polyp. Staining Jar, 10 Slides, without Vent ..... | each |



## WHITE POLYPROPYLENE COPLIN STAINING JARS

Tapered, square, available with a flat or domed shallow threaded screw cap. Holds either 5 single or 10 back-to-back standard 3" x 1" (75 x 25mm) slides in grooves. Loosen lid before autoclaving.

- |       |                                      |        |
|-------|--------------------------------------|--------|
| 21038 | (A) Polypropylene Jar Flat Lid ..... | case/4 |
| 21029 | (B) Polypropylene Coplin .....       | case/4 |

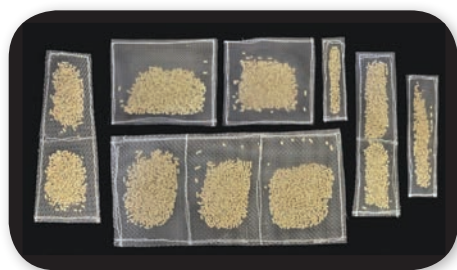


## **NEW** SLIDE RACK ADAPTER

Stainless steel slide rack adapter allows the standard 1 x 3 slide rack to accommodate large slides for staining. Fits into the standard slide space like a slide. Place companion adapter the appropriate distance to create a space for the large slide.

- |       |                          |       |
|-------|--------------------------|-------|
| 21055 | Slide Rack Adapter ..... | pkg/2 |
|-------|--------------------------|-------|





## NEW XYLENE RECYCLING PADS

Developed to allow extended use of xylene. Reusable and long-lasting. Available for all brands and styles of automated and

hand staining systems; simply match the size of the pad to the size of your reagent vessel. Use in automated systems overnight when stainer is not in use. Note: Not for use with xylene used for deparaffinization.

21105 through 21112 Xylene Recycling Pads..... each



## TRACEABLE® TALKING TIMER

It talks! Natural sounding voice counts down the final seconds, with a choice of six unique alarm noises. Features include count-up and count-down timers, clock, memory, and auto-repeat. Includes stand, pocket clip, magnet, and battery. Provides repeat functions of countdown alarm

timing. When zero is reached, the timer alarms and begins to count down again from the programmed time.

28162 Traceable® Talking Timer ..... each



## ORIGINAL TRACEABLE® LAB TIMER

Features three channels with distinct alarms. Traceable Certificate is supplied to indicate traceability to standards provided by NIST. 1 second to 10 hours, easy-to-use. 75 x 75 x 35mm.

28161 Original Traceable® Lab Timer..... each



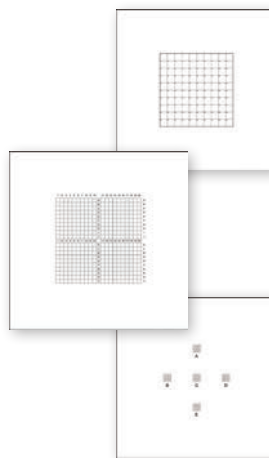
## ELECTRONIC TIMER AND STOPWATCH

Accurate LCD timer. Use numbered keys to count down from 99 minutes, 99 seconds. Stopwatch mode with time-out feature counts up to 59 minutes, 59 seconds, then automatically rolls over to zero to continue timing.

Loud countdown alarm turns off manually or automatically after one minute. LCD digits are readable from 2.4m (8') away.

Flip-open easel for benchtop use, a spring fastener for clipping to lab coat and a magnetic back for attaching to metal surfaces. Rugged, chemical-resistant ABS case. 6.3 x 5.6 x 1.3cm (2-1/2" x 2-1/4 x 1/2"). Supplied with battery.

54510 Electronic Timer/StopWatch ..... each



## CORRELATIVE MICROSCOPY COVERSGLIPS®

Polyester-based reticle films designed to bring together multiple disciplines of microscopic analysis using singular tissue culture sources. Available in three patterns for different application requirements. All are 22 x 22mm coverslips with a 0.18mm thickness. These coverslips allow the application of multiple microscopies originating from a specific position on a single coverslip.

- 260500 10 x 10 grid of 0.1mm squares at 5 positions. Indexed 1-10 on top and A-J down side..... pkg/25
- 260501 10 x 10 grid of 1mm squares. Each square indexed 0-99..... pkg/25
- 260502 20 x 20 grid of 0.5mm squares. Indexed 1-20 along top, A-T down side and on center cross. .... pkg/25

## MICRO GLASS COVERSGLIPS

Individually Selected - Superior quality. Cleaned, cut, sorted and made of especially processed borosilicate glass (Type D263M). Not sterile.

*Thickness #1: 0.13 to 0.16mm*

- 260140 22 x 22mm x 0.13 - 0.16mm thick..... 1 oz.
- 260142 22 x 30mm x 0.13 - 0.16mm thick..... 1 oz.
- 260144 22 x 40mm x 0.13 - 0.16mm thick..... 1 oz.
- 260146 22 x 50mm x 0.13 - 0.16mm thick..... 1 oz.

*Thickness #1.5: 0.16 to 0.19mm*

- 260148 22 x 22mm x 0.16 - 0.19mm thick..... 1 oz.
- 260150 22 x 30mm x 0.16 - 0.19mm thick..... 1 oz.
- 260152 22 x 40mm x 0.16 - 0.19mm thick..... 1 oz.
- 260154 22 x 50mm x 0.16 - 0.19mm thick..... 1 oz.

*Thickness #2: 0.19 to 0.25mm*

- 260156 22 x 22mm x 0.19 - 0.25mm thick..... 1 oz.
- 260158 22 x 30mm x 0.19 - 0.25mm thick..... 1 oz.
- 260160 22 x 40mm x 0.19 - 0.25mm thick..... 1 oz.
- 260162 22 x 50mm x 0.19 - 0.25mm thick..... 1 oz.

## SUPERSLIP® MICRO COVER GLASSES

For use in automatic coverslipppers. Not sterile.

*Thickness #1, 0.13 to 0.16mm*

- 260164 24 x 40mm x 0.13 - 0.16mm thick..... 1 oz.
- 260166 24 x 50mm x 0.13 - 0.16mm thick..... 1 oz.
- 260168 24 x 60mm x 0.13 - 0.16mm thick..... 1 oz.



## GOLDSEAL® COVER GLASSES

All Goldseal® glass Coverslips are made from pre-selected, precleaned silicate glass. It is available in various shapes and thicknesses and is packaged with desiccants in lint-free boxes. Not sterile.

*Thickness #0, Standard Squares, 0.08 to 0.13mm*

- 260300 Goldseal® Cover Glass, #0, 22 x 22mm..... 1 oz.

*Thickness #0, Standard Rectangles, 0.08 to 0.13mm*

- 260320 Goldseal® Cover Glass, #0, 24 x 60mm..... 1 oz.



# STAINING

*Thickness #1, Standard Squares, 0.13 to 0.16mm*

260340	Goldseal® Cover Glass, #1, 18 x 18mm.....	1 oz.
260341	Goldseal® Cover Glass, #1, 22 x 22mm.....	1 oz.
260342	Goldseal® Cover Glass, #1, 25 x 25mm.....	1 oz.
260350	Goldseal® Cover Glass, #1, 12 x 24mm.....	1 oz.
260351	Goldseal® Cover Glass, #1, 22 x 30mm.....	1 oz.
260353	Goldseal® Cover Glass, #1, 22 x 40mm.....	1 oz.
260354	Goldseal® Cover Glass, #1, 22 x 50mm.....	1 oz.
260355	Goldseal® Cover Glass, #1, 22 x 60mm.....	1 oz.
260356	Goldseal® Cover Glass, #1, 24 x 30mm.....	1 oz.
260358	Goldseal® Cover Glass, #1, 24 x 40mm.....	1 oz.
260359	Goldseal® Cover Glass, #1, 24 x 50mm.....	1 oz.
260360	Goldseal® Cover Glass, #1, 24 x 60mm.....	1 oz.
260361	Goldseal® Cover Glass, #1, 35 x 50mm.....	1 oz.

*Thickness #1, Standard Squares, 0.13 to 0.16mm*

260362	Goldseal® Cover Glass, #1, 35 x 60mm.....	1 oz.
260363	Goldseal® Cover Glass, #1, 43 x 50mm.....	1 oz.
260364	Goldseal® Cover Glass, #1, 48 x 60mm.....	1 oz.
260365	Goldseal® Cover Glass, #1, 48 x 65mm.....	1 oz.

*Thickness #1-1/2, Standard Squares, 0.16 to 0.19mm*

260405	Goldseal® Cover Glass, #1-1/2, 18 x 18mm.....	1 oz.
260406	Goldseal® Cover Glass, #1-1/2, 22 x 22mm.....	1 oz.

*Thickness #1-1/2, Standard Rectangles, 0.16 to 0.19mm*

260416	Goldseal® Cover Glass, #1-1/2, 22 x 40mm.....	1 oz.
260417	Goldseal® Cover Glass, #1-1/2, 22 x 50mm.....	1 oz.
260419	Goldseal® Cover Glass, #1-1/2, 24 x 30mm.....	1 oz.
260421	Goldseal® Cover Glass, #1-1/2, 24 x 40mm.....	1 oz.
260422	Goldseal® Cover Glass, #1-1/2, 24 x 50mm.....	1 oz.
260423	Goldseal® Cover Glass, #1-1/2, 24 x 60mm.....	1 oz.

*Thickness #2, Standard Squares, 0.17 to 0.25mm*

260435	Goldseal® Cover Glass, #2, 22 x 22mm.....	1 oz.
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## SHUR/MOUNT™ TOLUENE-BASED LIQUID MOUNTING MEDIUM

For mounting and preservation of slide specimens. Miscible with xylene or xylene substitutes.

27214	SHUR/Mount™ Toluene-Based Liquid Mounting Medium, 4 oz.....	each
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## HISTOMOUNT™

*Museum quality mounting media, permanent clarity, stringently controlled optical specifications*

Histomount™ is the classic choice in synthetic mounting media. Histomount™ provides a permanent seal to store or ship slides with confidence. Histomount™ is a pH neutral, UV stabilized preparation which retains its clarity and

brilliance for years. Refractive index is matched to glass cover slips and slides, reducing chromatic aberration with any light source.

Histomount™ is effective with most clearing agents when used as a liquid cover slip or as a permanent mounting medium for traditional glass cover slipping.

*Hazardous shipping-by-air fees apply.*

19479	Histomount™, 100ml.....	each
19480	Histomount™, 450ml.....	each



## NEW BARNES DROPPING BOTTLE

Excellent for immersion oil and general lab use. Square shaped clear flint glass bottles with glass dropper and rubber bulb stopper.

Capacity 30ml. Replacement droppers and bulbs also available.

21060	Barnes Dropping Bottle, Dropper & Bulb, 30ml.....	each
21061	Replacement Bulb/Stopper.....	each
21062	Replacement Bulb and Dropper.....	each



## MOUNTING MEDIA / BALSAM BOTTLE

Ideal for applying mounting media. Provided with a glass applicator block and glass cap. Cap is ground to the shoulder of the bottle to form

a seal. Made of "810" soda lime glass. Capacity: 100ml. Diameter: 17mm (0.67"). Height: 100mm (3.94").

21033	Mounting Media/Balsam Bottle.....	each
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## POLYETHYLENE PLASTIC PASTEUR PIPETTES, DISPOSABLE

Simple one-piece plastic Pasteur pipette design, using low-density polyethylene. Recommended to avoid broken glass tips, glass fragments and loose or lost bulbs. Ideal for transferring small amounts of aqueous solutions and microscope sample preparation. Disposable, packed in boxes of 500. Available in four sizes for different drop sizes:

- 3ml graduation with 0.5ml increments, 4ml bulb
- 2ml graduation with 0.25ml increments, 3ml bulb
- 1ml graduation with 0.25ml increments, 4ml bulb
- Fine tip style, non-graduated 1ml stem, 4ml bulb

2263-1	Plastic Pasteur Pipettes, 3ml, graduated .....	box/500
2264	Plastic Pasteur Pipettes, 2ml, graduated .....	box/500
2263-2	Plastic Pasteur Pipettes, 1ml, graduated .....	box/500
2263-6	Plastic Pasteur Pipettes, Fine tip, 1ml, non-graduated .....	box/500



## NATURAL RUBBER BULB FOR PIPETTES

439-2	Natural Rubber Bulb, 2ml, 40mm long .....	pkg/24
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## GLASS PASTEUR PIPETTES

Straight tip. Constriction near mouth to retain cotton plug. Ends square cut. Length: 146mm, Body: 101mm, Tip: 45mm

426	Disposable Pipettes, Glass, Non-Sterile.....	box/200
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# OBSERVING



## MOTIC® BA310 PROFESSIONAL LIGHT MICROSCOPE

The Motic® BA310 is designed for the rigors of daily routine work in the demanding applications of professional cytology, hematology and pathology laboratory settings. Motic® CCIS® Optics (Color Corrected Infinity System) with newly designed EF-N Plan objectives provide high resolution and excellent optical performance for all microscopy needs. The BA310 is upgradeable to include additional contrast methods and multi-head viewing. These features ensure this model will offer long term functionality to all user levels in a variety of applications.

The BA310's 30W illumination provides the user with a powerful and adjustable light source to meet both delicate and detailed lighting requirements for all types of samples. The fully featured Koehler illumination of the BA310 helps in highlighting even the weakest stained specimens.

Motic® Color Correction Infinity Optics CCIS® and the EF-N Plan Achromat objectives provide optimal image contrast through newly designed multi-layer lens coatings. The fully corrected tube lens and subsequent intermediate image without color fringing is now fully accessible through both eyepiece and the trinocular port, making digital images as crisp and clear as those seen through the eyepieces. The BA310's design also includes a standardizing (DIN/ISO) photoport exit. The large, hard-coated and chemical resistant stage, with an expansive 76 x 50mm travel range, includes a slide holder with improved tighter grip. This ensures easy and repeatable scanning of numerous slides in all daily routines. A complete range of options and accessories are available to configure the BA310 to your application.

- 22460-10 BA310 Binocular, N-WF10x/20 Eyepieces, EF-N Plan Achromat Objectives 4x, 10x, 40x S, 100x S-Oil, Focusable Abbe Condenser, NA 0.9, 6V/30W Quartz Illumination .....each
- 22460-12 BA310 Trinocular, N-WF10x/20 Eyepieces, EF-N Plan Achromat Objectives 4x, 10x, 40x S, 100x S-Oil, Focusable Abbe Condenser, NA 0.9, 6V/30W Quartz Illumination .....each



## MOTIC® BA410 ELITE CLINICAL & RESEARCH GRADE BIOLOGICAL LIGHT MICROSCOPE

The Motic® BA410 Elite with CCIS® optics allows new accessories and functions to be incorporated in the BA410 Elite series microscope. The CCIS® (Color Corrected Infinity System) optics deliver uncompromised optical clarity and unrivalled versatility. The CCIS® infinity design has succeeded in achieving longer working distance objectives with higher numerical aperture giving increased optical performance and versatility. The BA410 Elite microscope stand, with its innovative mechanical design, represents an excellent platform for high quality optical imaging and ease of use for longer periods of time. The microscope incorporates many features found on more expensive microscopes.

All BA410 Elite microscopes include 45mm blue filter, 5ml immersion oil, power cord, allen hex key, vinyl dust cover, universal power supply.

- 22466-11 BA410 Elite Binocular Microscope, Sextuple Nosepiece, WF10x/22 Eyepieces, Plan Achromat Objectives 4x, 10x, 40x S, 100x S-Oil, Achromat swing-out condenser NA 0.9, 6V/30W Quartz illumination.....each
- 22466-13 BA410 Elite Trinocular Microscope, Sextuple Nosepiece, WF10x/22 Eyepieces, Plan Achromat Objectives 4x, 10x, 40x S, 100x S-Oil, Achromat swing-out condenser NA 0.9, 6V/30W Quartz illumination.....each
- 22466-16 BA410 Elite Main Body with Reversed Sextuple Nosepiece, Mechanical Stage, Koehler illumination 6V/30W .....each

Visit [www.tedpella.com](http://www.tedpella.com) for options & accessories for microscopes.





## NEW MOTICAM® BTU10 & BTU8 TABLETS

The Moticam® BTU10 is a 5.0 MP CMOS camera equipped with a 10" Android 4.4 tablet. The Moticam® BTU8 uses the same 5.0 camera but features a 8" Android 5.0 tablet. Both are powered by a 1.66GHz (Quad Core) CPU with built-in DDR3 memory. Also equipped with WiFi, Bluetooth 3.1, mini HDMI output (1080p), built-in MIC and speaker and micro SD card slot.

- BTU10: 10.1" LCD screen with 1280 x 800 px (16:10)
- BTU8: 8" LCD screen with 1280 x 800 px (16:10)
- Comes with MicroSD 8GB, HDMI cable, Motic® Images Plus 3.0 for PC/MAC, Motic® 4-dot calibration slide, and charger 100V-240V (CE)

2295-BTU10	Moticam® BTU10 Tablet, 10" .....	each
2295-BTU8	Moticam® BTU8 Tablet, 8" .....	each



## MOTICAM® DIGITAL COLOR CAMERAS

High resolution Moticam® digital cameras offering 1.3, 2.0, 3.0, 5.0 and 10.0 megapixel resolution and features industrial metal cases. Focusing attention on a single position with integrated Region of Interest (ROI) selection. Saving of individual user settings for different microscopes. Live scale-bar and scale-cross. Allows users to save specific set-up for any microscope, reducing time moving the camera between different microscopes and different brands. Has superior capture interface: allowing for real-time filtering with many different choices of effects.

Standard accessories included with Moticam® 1SP, 2, 3, 5+, 10 and 580 cameras: 16mm CCD lens for Moticam® 1SP, 2 and 3. 12mm CCD lens for Moticam® 5 and 580.

30mm and 38mm eyepiece adapters, C-ring, dust cap (on camera), calibration slide for accurate measurements, macro viewing tube, USB cable, focus target, Motic® Images Plus software for PC and Mac.

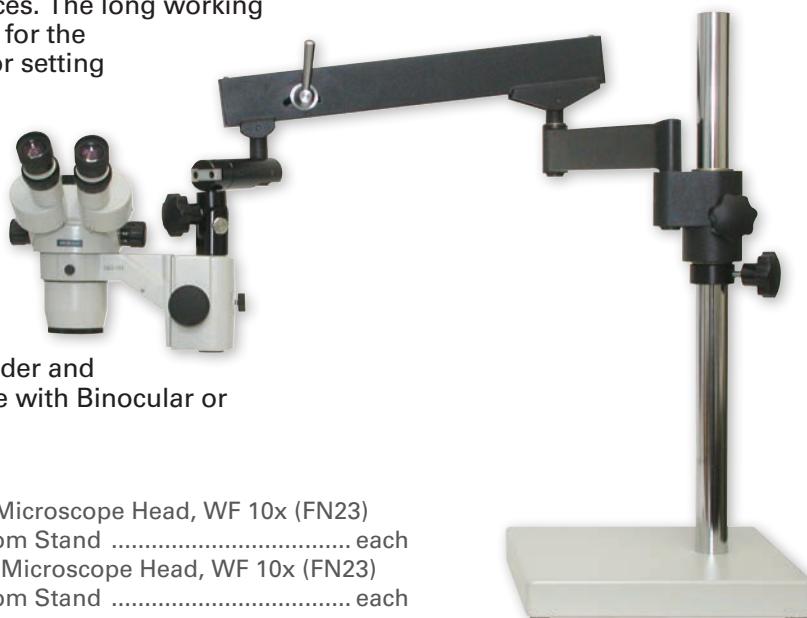
The Moticam® 580 allows images to be captured directly onto an SD card or the camera to be connected to the computer and used like any other Moticam® with the supplied software. The 580 can also display live images at 1080p resolution through the HDMI output port and analog video through the AV output.

2295-1SP	Moticam® 1SP, 1.3 Megapixel Digital Color Camera .....	each
2295-2	Moticam® 2, 2.0 Megapixel Digital Color Camera .....	each
2295-3	Moticam® 3, 3.0 Megapixel Digital Color Camera .....	each
2295-5P	Moticam® 5+, 5.0 Megapixel Digital Color Camera .....	each
2295-10	Moticam® 10, 10.0 Megapixel Digital Color Camera .....	each
2295-580	Moticam® 580, 5.0 Megapixel Digital Color Camera and HDMI Cable .....	each

## MOTIC® SMZ-168 STEREO ZOOM MICROSCOPE WITH ARTICULATING ARM

The SMZ-168 provides clear, real 3D imaging with a convenient zoom magnification range from 7.5 to 50x provided by the combination of the Greenough optical system and the standard 10x super widefield eyepieces. The long working distance of 113mm coupled to the large field of view for the standard configuration makes this an ideal system for setting up a work station for preparation, dissecting, micro-assembly, forensics or quality assurance. Features top light for incident illumination (streamline base). Both halogen and LED illumination are available. The optional trinocular port accepts an optional video C-mount and SLR camera adapters. See the Optical Specification Chart for other magnifications with use of optional auxiliary objectives and eyepieces.

Complete system includes: SMZ-168 Head, Head Holder and Articulating Boom Stand with Square Base. Available with Binocular or Trinocular Head.



2282-17	Motic® SMZ-168 Binocular Stereo Zoom, 35° Microscope Head, WF 10x (FN23) Eyepieces, Head Holder, Articulating Arm Boom Stand .....	each
2282-18	Motic® SMZ-168 Trinocular Stereo Zoom, 35° Microscope Head, WF 10x (FN23) Eyepieces, Head Holder, Articulating Arm Boom Stand .....	each





### PELCO® OPTICAL LENS TISSUE

High quality optical lens tissue for lenses, optical instruments, electron microscopy and similar applications. Fully comparable to the Ross Lens Tissue paper in regards to structure, softness, properties and cleaning capabilities. It is a direct replacement for Ross Lens Tissue and fully compatible for all applications. Made of 100% new linen stock, free of minerals and vegetable filler. Lint-free, does not scratch, will not disintegrate under vigorous manipulation and is acid-free with excellent wicking properties. Dimensions are 114 x 127mm (4.25" x 5").

- 806 PELCO® Optical Lens Tissue, 114 x 117mm,  
Box of 1000 Sheets .....each
- 806-1 PELCO® Optical Lens Tissue, 114 x 117mm,  
6 Booklets of 50 Sheets ..... pkg/6



### 3M™ LENS CLEANING CLOTH

Lint-free and scratch-free! The unique 3M™ microfibers lift dust and oils from delicate lenses without the use of chemicals. Ideal for eyeglass lenses, camera lenses,

binoculars, microscopes and other delicate surfaces. The cloth is reusable and machine washable hundreds of times. Individually packaged 18 x 16cm (7" x 6") cloths, 10 to a box, two boxes (20 cloths) per case. Note: Cloths will not scratch surfaces, but can pick up particles that scratch. Each box contains multiple colors; blue, yellow and gray.

- 813-20 3M™ Lens Cleaning Cloth ..... case/20



### NEW PEN-TEK & MICRO PEN-TEK LENS CLEANING PENS WITH BRUSH

Pen-tek Lens Cleaning Pens are the perfect tools for cleaning optical lenses. These pen-shaped cleaning tools have a small, lightweight,

cleaning pad on one end with a retractable dust removal brush on the other end.

- 51912 Micro Pen-Tek Lens Cleaning Pen with tip .....each
- 51914 Pen-Tek Lens Cleaning Pen with tip .....each



### NEW 10X LED MEASURING MAGNIFIER WITH CASE

Magnification 10x, metric scale reticle 0 to 20mm. Eight LEDs. Total length measurable 30mm, field of vision 34mm, smallest graduation 0.1mm. Three double lenses, Ø30mm.

- 765 10x LED Magnifier with case .....each



### CARGILLE IMMERSION OILS

for light microscopy, fluorescence microscopy, inclined instruments and projection equipment

Cargille Immersion Oils are in full accord with the FDA requirements. To date, no other immersion oils

meet the FDA criteria. Cargille Immersion Oils are PCB (polychlorinated biphenyls) free.

- 19552 through 19566 Cargille Immersion Oils, 120ml (4oz.) ...each



- 19568 Cargille Immersion Oil, 5-Pack, 5 x 7.4cc (1/4 oz.), 1ea. Type 300, 1ea. Type NVH, 2ea. Type A, 1ea. Type B .....each

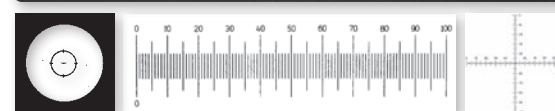
### STANDARD SERIES STAGE MICROMETERS

for transmitted and reflected light

These accurate stage micrometers are intended for routine calibration of light microscopes, particularly when alternating objectives of different microscopes. Ideal for student, lab settings and instructional purposes. Robust and precise construction. Manufactured with vacuum evaporated chromium. Scale is centered on a glass disc, mounted in a black anodized aluminum slide, 75 x 24 x 2mm thick. Patterns are protected by a 0.13mm thick cover glass. If you need a certified stage micrometer, please see Pro Series Stage Micrometers on next page.



For Reflected Light



For Transmitted Light

- Horizontal, crossed and vertical stage micrometers with metric or inch scales
- Transmitted Light: Horizontal Scales in 10, 5, 1 or 0.1mm and 0.1 or 0.005"
- Reflected Light: Horizontal Scales in 1 or 0.1mm, 10mm - 0.1mm and 0.1 - 0.001"
- Crossed Scales in 1 x 1mm
- Vertical Scales in 2mm
- Mounted in a black anodized aluminum slide
- Patterns are protected by a 0.13mm thick cover glass except #2280-18

- 2280-10 through 2280-18 Standard Stage Micrometer .....each



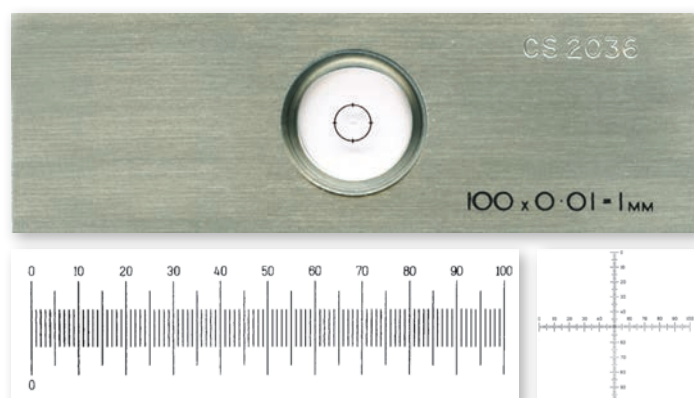
# OBSERVING

## PRO SERIES STAGE MICROMETERS

*for transmitted and reflected light*

The Pro Series accurate stage micrometers are intended for routine calibration of light microscopes. Manufactured with vacuum evaporated chromium images on a glass disc. The scale is centered on the glass disc and mounted in a stainless steel slide, 75 x 24 x 2mm thick. Scales are protected with a 0.13mm thick cover glass. Each slide has a unique serial number. The Pro series stage micrometers are supplied in a polished wooden box to distinguish as a traceable standard.

Available with or without certificates. Certifications available are GRATS Traceability, Certificate of Comparison (Graticules measurement); UKAS Calibration Certificate; NPL Calibration Certificate.



## PRO SERIES STAGE MICROMETERS FOR TRANSMITTED LIGHT

- Horizontal and crossed stage micrometers with metric or inch scales
- Horizontal scales in 10, 20, 1 or 0.1mm and 0.1"
- Crossed scales in 1 x 1mm
- Mounted in a stainless steel slide

2285-10 through 2285-16 Pro Stage Micrometer.....each



## PRO SERIES STAGE MICROMETERS FOR REFLECTED LIGHT

- Horizontal stage micrometers with metric or inch scales
- Horizontal scales in 10, 20, 1 or 0.1mm and 0.1"
- Mounted in a black stainless steel slide

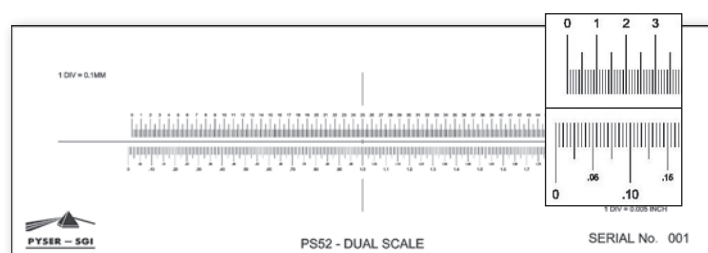
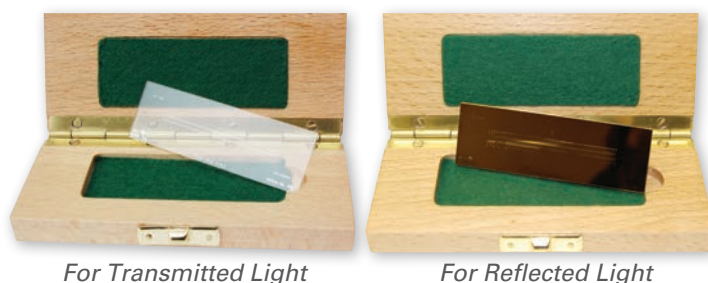
2280-27 through 2280-28 Pro Stage Micrometer.....each

## PRO SERIES DUAL SCALE CALIBRATION SLIDES

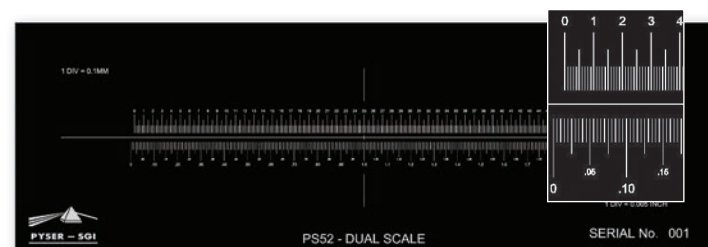
*for transmitted and reflected light*

The dual scale calibration stage micrometers have the benefit of dual imperial/metric scales. The Pro series dual calibration scale is available for both transmitted light (black scale on glass) and reflected light (light scale on dark background). These scales are intended for calibrating optical products with a large field of view such as stereo microscopes, video microscopes and imaging systems. The scale is manufactured on a borosilicate (type B270) glass slide, 76 x 25 x 1.5mm thickness with a unique serial number on each slide. Supplied in a polished wooden box.

- Horizontal Scales: 50mm in 0.1mm and 2" in 0.005" divisions
- Line thickness of 12µm
- Full glass slide; 76 x 25 x 1.5mm
- Transmitted and reflected light versions
- Individual Serial number for traceability
- Also available with UKAS Certificate



*For Transmitted Light*



*For Reflected Light*

- 2285-41 Dual Scale 50mm/2", Transmitted Light.....each
- 2285-41U Dual Scale 50mm/2", Transmitted Light, UKAS Certificate .....each
- 2285-45 Dual Scale 50mm/2", Reflected Light .....each
- 2285-45U Dual Scale 50mm/2", Reflected Light, UKAS Certificate .....each

Visit [www.tedpella.com](http://www.tedpella.com) for complete selection of stage micrometers.





## PELCO® MICROSLIDES STORAGE BOXES

Exceptional slide storage containers providing maximum protection for your microscope slides.

- Numbered index sheet in lid for quick identification
- Foam liner
- Stackable
- ABS-durable/impact resistant
- Hinged lid
- Unique sliding compression latch

Available in three sizes and seven colors:

- 25 slides - 104 L x 94 W x 32mm H (4.10" x 3.70" x 1.26")
- 50 slides - 164 L x 110 W x 32mm H (6.46" x 4.33" x 1.26")
- 100 slides - 209 L x 172 W x 32mm H (8.23" x 6.77" x 1.26")
- White, red, green, blue, yellow, black, and **NEW** pink

Ted Pella, Inc. will donate \$0.25 for every pink box sold, to our local cancer awareness chapter, and the founding chapter for "Think Pink", Nor-Cal Think Pink.

### 25 Slide Storage Boxes

2306-1	PELCO® Microslides Storage Box, 25 Slides, White .....	each
2306-2	PELCO® Microslides Storage Box, 25 Slides, Red .....	each
2306-3	PELCO® Microslides Storage Box, 25 Slides, Green .....	each
2306-4	PELCO® Microslides Storage Box, 25 Slides, Blue .....	each
2306-5	PELCO® Microslides Storage Box, 25 Slides, Yellow .....	each
2306-6	PELCO® Microslides Storage Box, 25 Slides, Black .....	each
2306-7	<b>NEW</b> PELCO® Microslides Storage Box, 25 Slides, Pink .....	each

### 50 Slides Storage Boxes

2304-1	PELCO® Microslides Storage Box, 50 Slides, White .....	each
2304-2	PELCO® Microslides Storage Box, 50 Slides, Red .....	each
2304-3	PELCO® Microslides Storage Box, 50 Slides, Green .....	each
2304-4	PELCO® Microslides Storage Box, 50 Slides, Blue .....	each
2304-5	PELCO® Microslides Storage Box, 50 Slides, Yellow .....	each
2304-6	PELCO® Microslides Storage Box, 50 Slides, Black .....	each
2304-7	<b>NEW</b> PELCO® Microslides Storage Box, 50 Slides, Pink .....	each

### 100 Slides Storage Boxes

2302-1	PELCO® Microslides Storage Box, 100 Slides, White .....	each
2302-2	PELCO® Microslides Storage Box, 100 Slides, Red .....	each
2302-3	PELCO® Microslides Storage Box, 100 Slides, Green .....	each
2302-4	PELCO® Microslides Storage Box, 100 Slides, Blue .....	each
2302-5	PELCO® Microslides Storage Box, 100 Slides, Yellow .....	each
2302-6	PELCO® Microslides Storage Box, 100 Slides, Black .....	each
2302-7	<b>NEW</b> PELCO® Microslides Storage Box, 100 Slides, Pink .....	each

Visit [www.tedpella.com](http://www.tedpella.com) for complete ordering information.

# STORING



## HANDY SLIDE STORAGE BOX (100 SLIDES)

These durable, large capacity microscope slide storage boxes are made of polystyrene and have a 100 3" x 1" or 75 x 25mm slide capacity. Numbered index inside of a hinged lid with a soft cork layer in bottom. Stackable and available in 6 colors.

Outer Dimensions: 21 x 17 x 3cm (8.3" x 6.7" x 1.18")

- 2102-1 Slide Storage File, Holds 100 Slides, White.....each
- 2102-2 Slide Storage File, Holds 100 Slides, Red .....each
- 2102-3 Slide Storage File, Holds 100 Slides, Green .....each
- 2102-4 Slide Storage File, Holds 100 Slides, Blue.....each
- 2102-5 Slide Storage File, Holds 100 Slides, Yellow .....each
- 2102-6 Slide Storage File, Holds 100 Slides, Black.....each



## HANDY SLIDE BOX (50 SLIDES) & HANDY MINI SLIDE BOX (25 SLIDES)

These sturdy plastic slide boxes are stackable and compact. Available in 6 colors and made of polystyrene with a numbered index in each lid and a soft cork layer with index in bottom.

Handy Mini Slide Box - 25 3" x 1" Slides: 9.5 x 8.25 x 3cm (3.7" x 3.25" x 1.18")

Handy Slide Box - 50 3" x 1" Slides: 20 x 9.25 x 3.1cm (7.9" x 3.6" x 1.2")

- 2108-1 Handy Mini Slide Box, Holds 25 Slides, White..... each
- 2108-2 Handy Mini Slide Box, Holds 25 Slides, Red ..... each
- 2108-3 Handy Mini Slide Box, Holds 25 Slides, Green .... each
- 2108-4 Handy Mini Slide Box, Holds 25 Slides, Blue ..... each
- 2108-5 Handy Mini Slide Box, Holds 25 Slides, Yellow ... each
- 2108-6 Handy Mini Slide Box, Holds 25 Slides, Black..... each
- 2104-1 Handy Slide Box, Holds 50 Slides, White ..... each
- 2104-2 Handy Slide Box, Holds 50 Slides, Red..... each
- 2104-3 Handy Slide Box, Holds 50 Slides, Green..... each
- 2104-4 Handy Slide Box, Holds 50 Slides, Blue..... each
- 2104-5 Handy Slide Box, Holds 50 Slides, Yellow..... each
- 2104-6 Handy Slide Box, Holds 50 Slides, Black ..... each



## WOODEN SLIDE BOX FOR LARGE SLIDES

This durable, hardwood slide box provides excellent protection for up to 100 slides. Available in two sizes:

38 x 75mm (1.5" x 3")  
50 x 75mm (2" x 3")

- 21079 Wooden Slide Box, Holds 100 Slides, 38 x 75mm.....each
- 21077 Wooden Slide Box, Holds 100 Slides, 50 x 75mm.....each



## SLIDE SAVER BOXES

Indexed, compact and durable, these smooth injection molded high impact ABS microscope slide boxes provide the best in slide protection for the histology laboratory. Heavy walls will not warp, splinter or crack; material is unaf-

ected by humidity and is thoroughly insect-proof. Cover and bottom have numbered index for quick identification and units are stackable. Soft, white foam layer in bottom. Smaller 25-slide box features a removable lid, while larger box has a hinged lid with clasp.

Small Box - 25 3" x 1" Slides: 140 x 88 x 33mm (5.5" x 3.5" x 1.3")  
Large Box - 100 3" x 1" Slides: 210 x 178 x 32mm (8.25" x 7" x 1.25")

- 2105 Slide Saver Box, 25 Slides .....each
- 2107 Slide Saver Box, 100 Slides .....each



## CRYO-COMPATIBLE SLIDE BOXES

Unique and durable poly-carbonate construction with stainless steel latch lock. Protects 3" x 1" (75 x 25mm) slides in ultra-low temperature ranges of -80°C to -196°C (-112°F to

-321°F). 100-slide or 25-slide capacity with grooved slots to prevent slide-to-slide contact. Offers a permanent identification sheet in hinged lid, that corresponds to the numbering on the temperature-resistant foam lining in base. The boxes are stackable and can be autoclaved.

- 2106 Cryo Compatible Slide Box, Holds 100 Slides..... each
- 2106-25 **NEW** Cryo Compatible Slide Box, Holds 25 Slides...each



## TALL SLIDE BOXES

Made of sturdy ABS material, these boxes are ideal for storage and transport of tall 3 x 2" (75 x 50mm) microscope slides. The grooved slots hold the slides securely in place. The base contains a cork liner (100-slide box) or a foam liner (25-slide

box) with location numbers for convenient inventory. Hinged lid with a secure latch lock closure. The lid interior contains a permanent inventory sheet for cataloging and identification.

- 2195 **NEW** Tall Slide Box, Holds 25 Slides..... each
- 2197 Tall Slide Box, Holds 100 Slides ..... each





### NEW FREEZER RACK FOR SLIDE BOXES

For use with 50 and 100 slide storage boxes, reversible PCR and 50-well EPS racks in upright freezers. Shown with Cryo

Compatible Slide Boxes #2106.

21099 Freezer Rack for 50 and 100 Slide Boxes ..... each



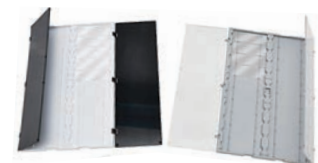
### POP-UP SLIDE HOLDERS (20 OR 30 SLIDES)

Sturdy Pop-Up Slide Holders hold 20 or 30 standard 3" x 1" slides in compartments numbered to correspond to

the printed index on the cover. The compartments are recessed so specimens cannot be touched when covers are closed. Slides pop up with a slight pressure at one end. Made of heavy pressed cardboard with a white finish. Hinged covers are attached with durable black tape.

2110 Pop-Up Holder, Holds 20 Slides, White/Black ..... each

2130 Pop-Up Holder, Holds 30 Slides, White/Black ..... each



### PLASTIC SLIDE HOLDER TRAY WITH HINGED COVER

Slides pop up when pressed on either side and are easily removed. Twenty numbered positions.

White plastic, not affected by acetone. With two hinged, clear or black plastic covers to hold down and protect slides from dirt and damage. Holds up to twenty 3" x 1" slides.

2113 Plastic Slide Holder Tray, w/ Clear Plastic Hinged Cover..... each

2113-B Plastic Slide Holder Tray, w/ Black Plastic Hinged Cover..... each

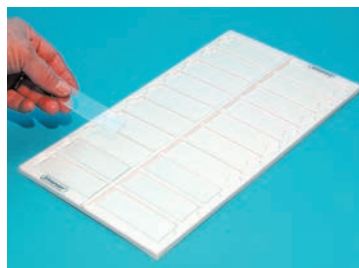


### LOCKMAILER™ MAILER & STAINING JAR

A tamper proof multi-purpose compact container for transporting, storing, mailing or staining microscope slides. It is constructed of extra-strong, clear polypropylene and will hold up to 4 standard 1 x 3" or 25 x 75mm slides vertically. Caps can be color coded with the optional Capinserts™, available in different colors: blue, gray, green, lilac and orange.

The LockMailer™ is also an efficient staining vessel: the unique design has a reduced internal volume to decrease the amount of staining solutions needed.

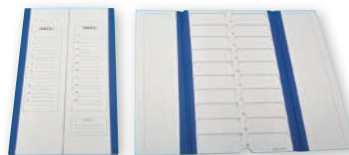
21096 LockMailer™ ..... pkg/100  
21096-10 – 21096-50 Capinserts™ ..... pkg/100



### MICROSCOPE SLIDE TRAY

Standard 3" x 1" microscope slides can be placed in the horizontal position for full visibility. Each tray is 7-1/2" x 13-1/2" (19 x 34cm) and holds 20 slides.

2230 Microscope Slide Tray, Holds 20 Slides ..... pkg/6



### ECONOMY POP-UP SLIDE MAILER (20 SLIDES)

The economy pop-up 20 slide holder also holds 20

standard 3" x 1" slides in compartments, numbered to correspond with the printed index on the inside of the cover. Covers are recessed to avoid touching the cover slips on the slides. Slides can easily be removed from the compartments. Compartment holder is made from a double layer of densely pressed cardboard, cover is single layer cardboard. Inside and back are finished with a clear white layer of glossy paper. Hinged top covers are finished in matte blue and are attached with thin but durable tape.

2115 Economy Pop-Up Slide Holder, Holds 20 Slides.. each



### SLIDE FOLDER RACK

Made of ABS plastic, this rack provides convenient and organized storage of 5 Pop-Up slide trays (20 place - not included). Colored clasps included for identification, easy access and to keep lids closed. Clasps can

be labeled with a permanent marker or affixed with a label. Lightweight and can be transported safely to multiple work areas. Ideal for histology, microbiology and pathology as well as multiple user research environments.

2110-R Slide Folder Rack, Holds 5 20-Place Pop-Up Folders..... each



### PLASTIC SLIDE MAILER, SINGLE OR DOUBLE

Sturdy, hinged slide mailer made from translucent plastic. Three "snap points" for secure closure and a smooth finish area or "window" so "write

on" end of slide is visible without opening. The remainder of the exterior is a flat finish to better hold notations done in permanent marker. Designed to accommodate 3" x 1" slides. Pictured are the double and single mailer in open position and below, the single mailer closed.

21093 Slide Mailer, Single..... pkg/100  
21094 Slide Mailer, Double ..... pkg/100



## STORING



### SLIDE MAILER

This convenient, disposable staining container is also useful for shipping, storing and handling of slides. Available in transparent and black (for light-sensitive specimens). Made of polypropylene and holds 5 3" x 1" slides in place without touching each other. Positive lock and flip-top.

22518	Slide Mailer, Transparent.....	each
22519	Slide Mailer, Black .....	each



### SLIDEFILE™ STACKABLE SLIDE STORAGE SYSTEM

The most convenient organized and versatile way of storing 3" x 1" or 75 x 25mm slides. Can hold up to 400 slides per unit in just 690 square cm and is stackable for efficient space storage.

Each SlideFile™ includes a slide box and a removable tray. A transparent cover reveals the contents. The base is available in 5 different colors. The slide tray has 100 individual slots. Tilt slides forward and backward with one finger to easily and rapidly pick up the one you need. Easily read bar codes without having to remove slides from the box. Includes 2 index cards, numbered from 1-100, for recording slide titles.

Size: 82 x 245 x 86mm (W x D x H), space for slide 2.9mm, wall thickness between slides 1.6mm.

22530	SlideFile Storage System, Blue .....	each
22531	SlideFile Storage System, Green.....	each
22532	SlideFile Storage System, Pink.....	each
22533	SlideFile Storage System, White.....	each
22534	SlideFile Storage System, Yellow .....	each



### DRAINRACK™

The rugged tray used as a drain rack can hold up to 200 microscope slides in 100 individual numbered slots. All slides are stored upright for easier insertion and removal.

Simply tilt them forward and backward with one finger to easily pick up the slide you need. A unique feature is to be able to read bar codes without having to remove the slides from the rack. For space saving purposes, you can double the amount of slides simply by storing 2 slides per slot giving you a capacity of 200 instead of 100 slides. Not autoclavable. Size: 75 x 231 x 25mm (W x D x H), space for slide 2.9mm, wall thickness between slides 1.6mm.

22530-10	DrainRack™, Blue .....	each
22531-11	DrainRack™, Green.....	each
22532-12	DrainRack™, Pink.....	each
22533-13	DrainRack™, White.....	each
22534-14	DrainRack™, Yellow .....	each

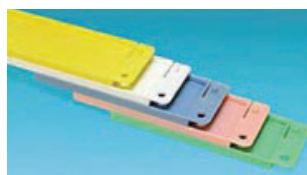


### PARAFFIN BLOCK MAILER

This sturdy Paraffin Block Mailer is made of PVC and created especially for paraffin blocks. The Paraffin Block Mailer has an attached lid and can accommodate up to 6 paraffin blocks.

It is transparent and is suitable for all regular models of tissue and biopsy cassettes.

22525	Paraffin Block Mailer.....	pkg/50
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### UNIMAILER™

Made of high impact polystyrene and designed to accommodate 3" x 1" or 75 x 25mm slides, with or without cover glasses. They fit snugly in a horizontal position on top of each other and are secured by an innovative locking mechanism. Tamperproof tie or ID label may be attached through the convenient holes on top. ID markings may be made on 3 sides and top.

Size: 82 x 245 x 86mm (W x D x H), space for slide 2.9mm, wall thickness between slides 1.6mm.

22535	UniMailer™, Blue.....	pkg/50
22536	UniMailer™, Green.....	pkg/50
22538	UniMailer™, White .....	pkg/50



### SLIDE-SETTE SAVER™

The Slide-Sette Saver™ offers a convenient single container for shipping a paraffin tissue block together with its corresponding slide. The sturdy molded polypropylene container nestles the paraffin tissue block securely while offering

a safe residence for its companion slide. The Slide-Sette Saver™ provides a protective storage environment for both block and slide in one unit and safely eliminates lost or separated patient samples. Available in natural or black. Slide-Sette Saver™ Storage Box offers an organized, long-term storage system for 20 of the Slide-Sette Saver™ units.

22524-NAT	Slide-Sette Saver™, Natural .....	pkg/25
22524-BLK	Slide-Sette Saver™, Black.....	pkg/25
22523	Slide-Sette Saver™ Storage Box, Natural .....	each



### NEW METAL SLIDE STORAGE CABINET & BASE

Provides affordable, sturdy slide storage. Convenient pull knob drawers with metal dividers. Removable drawers with ball suspension design to prevent accidental pull out. Stackable. Each unit has 6 drawers that accommodate up to 5000 slides.

21097	Metal Slide Storage Cabinet, Tan.....	each
21097-1	Metal Slide Storage Base, Tan .....	each
21097-2	Base and 4 Cabinets, Tan.....	pkg/1



## ECONOMY CASSETTE OR SLIDE STORAGE UNITS



For Cassettes



For Slides

The economy tissue cassette storage unit holds up to 360 standard histology cassettes. The slide storage unit holds up to 1425 standard 3" x 1" (75 x 25mm) microscope slides. Each drawer contains metal reinforced corners, a finished metal edge front and metal-edged drawer pull to enhance support and stability. Equipped with strong internal partitions for organization and

effective cataloging of specimens. The sturdy, heavy pressed cardboard construction has a white satin finish providing a clean, dust-free environment in a convenient 31.8 x 17.8 x 11.4cm (12-1/2" x 7" x 4-1/2") design.

- 27155      Cassette Storage Unit, Holds 360 Cassettes..... each  
 27156      Slide Storage Unit, Holds 1425 slides..... each

## NEW CASSETTE FILING CABINET



Provides a permanent storage reference unit for cassettes and embedding rings. Filing cabinets are stackable with modular connecting/locking feet and accommodate 1,500 cassettes or 1,000 embedding rings. One piece construction. Six impact resistant plastic drawers with identification area writing surface.

- 27135      Cassette Filing Cabinet..... each

## MODULAR STORAGE CABINET FOR EMBEDDING CASSETTES & RINGS



A set of 6 stackable drawer cabinets store 1,500 cassettes or 1,000 embedding rings. These stackable drawer cabinets provide permanent storage and identification for up to 165 embedding rings or 250 cassettes per drawer. The slim cabinets are stackable, thanks to the interlocking ridges on the top and bottom. Identification labels are included. We recommend a maximum stack of 6 drawers. Made of high impact polystyrene.

Dimensions: 40.5 x 23 x 5.1cm H (16" x 9" x 2" H) each drawer

- 27159      Modular Storage Drawers, Holds 1500 Embedding Cassettes or 1000 Embedding Rings..... each



## HELDSECURE™ MICROSCOPE SLIDE /TISSUE CASSETTE STORAGE KIT

HeldSecure™ is a practical and economical microscope slide and tissue cassette storage system. These durable corrugated trays and boxes provide reliable storage and identification for archival slides and cassettes. The HeldSecure™ slide kit contains 4 trays and is designed to hold up to 2,000 slides. The HeldSecure™ tissue cassette kit contains 8 trays and is capable of storing 500 cassettes per box. Each kit is equipped with 50 In/out cards and 25 index cards for retrieval and documentation. Bulk cards and tray labels are available separately as accessories.

Centered tabs on each box comprise a unique interlocking stacking system that keeps the boxes aligned and stable. The units can stack up to 8-10 high. HeldSecure™ offers a double internal corrugated construction supporting up to 250 lbs. yet allowing easy access to the trays. Archival storage is a necessary part of most histology, pathology and research laboratories. The HeldSecure™ Slide/Cassette Storage Kit is sold in packs of 10, unassembled, with assembly instructions printed on the bottom of each box. This preserves storage space until the need arises and the kits are then available and easily assembled.

Outer dimensions: 29cm (11.4") L x 30cm (11.8") W x 9.5mm (3.7")

- 21090      HeldSecure™ Microscope Slide Storage Kit...pkg/10  
 21091      HeldSecure™ Cassette Storage Kit..... pkg/10  
 21090-1      In/Out Tags..... pkg/1000  
 21090-C      Index Cards ..... pkg/500  
 21091-1      In/Out Tags..... pkg/1000  
 21090-TL      Tray Labels (roll) ..... pkg/500



## TISSUE-TEK® CASSETTE FILING CABINET

Provides permanent storage-reference unit for blocks embedded in cassettes or embedding rings. The Tissue-Tek® Cassette Filing Cabinet accommodates 1500 cassettes or 1000 embedding rings. One-piece construction eliminates hinges and doors for dust-free storage. Includes six impact-resistant plastic drawers with identification area. Sold in USA only.

Dimensions: 43.2 x 24.1 x 38.1cm (17" x 9.5" x 15")

- 27169      Tissue-Tek® Cassette Filing Cabinet..... each

# SAFETY/HYGIENE



## HIGH SENSITIVITY NITRILE GLOVES

Ultra-soft, next generation nitrile formulation provides the relaxed, comfortable fit and feel that you

would expect from a latex glove. The strong, high quality nitrile offers reliable barrier protection against many hazardous and infectious substances. Inexpensive and disposable, use to avoid cross contamination. Textured fingers provide an outstanding grip in wet and dry environments. A superior value, ambidextrous, synthetic glove that has a beaded cuff and is powder-free. 100 gloves per dispenser box.

Enlargement shows the finely textured finger tips for better grip.

Available in blue, indigo or black.

Average Length:  
9.6" (245mm) Size L

Palm Thickness:  
2 mil (0.05mm)

Finger Thickness:  
3 mil (0.07mm)



### Blue

81850	Blue Nitrile Gloves, S, Size 8 .....	box/100
81851	Blue Nitrile Gloves, M, Size 9 .....	box/100
81852	Blue Nitrile Gloves, L, Size 10 .....	box/100
81853	Blue Nitrile Gloves, XL, Size 11 .....	box/100

### Indigo

81864	Indigo Nitrile Gloves, S, Size 8 .....	box/100
81865	Indigo Nitrile Gloves, M, Size 9 .....	box/100
81866	Indigo Nitrile Gloves, L, Size 10 .....	box/100
81867	Indigo Nitrile Gloves, XL, Size 11 .....	box/100

### Black

81301	Black Nitrile Gloves, M, Size 9 .....	box/100
81302	Black Nitrile Gloves, L, Size 10 .....	box/100
81303	Black Nitrile Gloves, XL, Size 11 .....	box/100



## NEW PELCO SCIENCESUDS™

*natural, handcrafted goat milk soap*

PELCO ScienceSuds™ is the perfect soap to refresh and moisturize your hands in the laboratory. It has all natural ingredients and a smooth luxurious feel and cleansing sensation that will re-moisturize your hands after the use of laboratory protective gloves. Pamper your hands with our locally produced and hand crafted goat milk soap. Seven scents available.

	Soap Name	Scent
80970	Berry Punch	Black Raspberry Vanilla..... each
80971	ForMelon	A Blend of Cucumber and Melon each
80972	Lavare	Rich Lavender Lather..... each
80973	NOS	Not Otherwise Specified (Plain) .. each
80974	FluoreScents	A Blend of Hawaiiin Florals..... each
80975	Slice of Citrus	Sweet, Juicy Clementines..... each
80976	Fixation	A Fresh, Clean Masculine Scent.. each



## HOT HAND® PROTECTOR

Provides superior protection when handling hot or cold objects. Made of strong silicone rubber which resists tearing, withstands temperatures as high as 260°C (500°F), and remains flexible at temperatures as low as -57°C (-71°F). The gripping

surfaces have multiple concave-tipped studs for non-slip grip. Each Hot Hand® Protector has a hole for hanging, and end pockets for the thumb and fingers. 10 x 19cm (3-7/8 x 7-1/2").

23110	Hot Hand® Protector .....	each
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Visit [www.tedpella.com](http://www.tedpella.com) for complete selection of gloves.





## ECONOMY INTEGRAL STYLE WASH BOTTLES (LDPE)

Bottles have an integral molded tube with removable jet tip and a separate plain cap. The shape is a squared-oval for easy grip and improved stability. Made of clear LDPE, maximum temperature 80°C / 176°F. 250ml capacity.

19802 Wash Bottles, natural, 250ml..... pkg/5



## BENCH-TOP BIOHAZARD BAG

Easy-open, space-saving, convenient, autoclavable. Sterilization indicator patch darkens when subjected to autoclave heat.

These bags have one long flap for ease in opening. Used with the 19840 desk-size bag holder, they provide a neat disposal unit for use in fume hoods or on bench tops and desks. The bright orange/red bags are made of high molecular weight, high-density polyethylene, printed with the biohazard symbol.

Dimensions: 8-1/2" x 11" (22 x 28cm). Packed 100/bag.

19838 Biohazard Bags ..... pkg/100  
19840 Bag Holder..... each



## SHARPS CONTAINERS

Our Sharps containers are essential for any laboratory using scalpels or other disposable blades.

These are hard sided containers with self-activating inner flaps which provide a barrier between contents and the user. They are equipped with a built-in carry handle, meet all OSHA requirements and are available in four sizes. Shown left to right above: 1 quart, 2 gallons, 3 gallons.

19850 Sharps Container, 1 quart ..... pkg/2  
19853 Sharps Container, 5 quarts (not shown) ..... each  
19856 Sharps Container, 2 gallons..... each  
19859 Sharps Container, 3 gallons..... each



## BROKEN GLASS DISPOSAL BOXES

A handy receptacle for safely collecting broken glassware for disposal. Provides mess-free convenience for any work area. A cut-out flap in the lid allows easy insertion of glass. Supplied with a 2 mil (0.05mm) thick polyethylene bag. Tabs keep the liner

from slipping out of place. Packaged flat for saving space and shipping costs. Two sizes, benchtop: 20 x 20 x 25cm (8" x 8" x 10") and floor: 30 x 30 x 69cm (12" x 12" x 27").

8095-1 Broken Glass Disposal Box, benchtop ..... pkg/6  
8095-2 Broken Glass Disposal Box, floor ..... pkg/6



## 3M™ CHEMICAL SORBENT PADS, HIGH CAPACITY C-PD914DD

Highly absorbent and nongranular, these pads feature a non-profile design so they can be easily placed in tight areas. Ideal for cleaning up small spills and wiping

down contaminated areas. Powerful enough to handle most acids (including hydrofluoric acid), bases, coolants and most other hazardous fluids and resists chemical reactions. 25 pads/dispenser box. Sold in USA only.

Dimensions: 9-1/4" x 14-1/2" (23.5 x 36.8cm)

81105 Chemical Sorbent Pads ..... box/25



## 3M™ WORKPLACE CHEMICAL EXPOSURE MONITORS

### Organic Vapor Monitors

All Monitors utilize a single charcoal sorbent wafer for collecting organic vapors with an accuracy of  $\pm 25\%$  at a 95% confidence level for many workplace contaminants.

A back-up pad for more demanding compounds and environments is available. These are with or without prepaid analysis. Used in the medical fields, microscopies, chemical, pulp and paper foundry, and textile industries.

### Formaldehyde Monitor

Designed to measure exposure in the medical fields, microscopies, chemical, pulp and paper foundry, and textile industries. Meets OSHA accuracy requirements of  $\pm 25\%$  for 8-hour TWA sampling. Not for 15 minute STEL sampling.

### Ethylene Oxide Monitor

Designed for measuring exposure to ethylene oxide in the medical fields, pharmaceuticals, microscopies and other fields where appropriate.

Sold in USA only.

81135 3M™ Formaldehyde Monitor 3720 with Prepaid Analysis .....cs/5  
81137 3M™ Formaldehyde Monitor 3720 (analysis not included).....cs/5  
81140 3M™ Organic Vapor Monitor 3500 (analysis not included).....cs/10  
81142 3M™ Organic Vapor Monitor 3510 with Prepaid Analysis .....cs/5  
81144 3M™ Organic Vapor Monitor 3520 with Backup Section .....cs/5  
81146 3M™ Organic Vapor Monitor 3530 with Backup Section and Prepaid Analysis .....cs/5  
81148 3M™ Ethylene Oxide Monitor 3550 with Prepaid Analysis .....cs/5  
81150 3M™ Ethylene Oxide Monitor 3551 (analysis not included).....cs/5  
81152 3M™ Ethylene Oxide Monitor 3551B, Bulk (analysis not included) .....cs/50







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*Microscopy Products for Science and Industry*

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