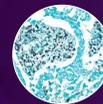


Histology

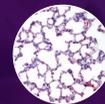
Keep your Research on the Cutting Edge
with VWR Histology Products



Specimen
Collection
& Transport



Fixation
& Tissue
Processing



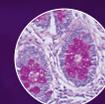
Embedding



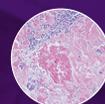
Sectioning



Staining



Coverslipping



Archiving
& Storage

vwr.com/histology

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Our Commitment

VWR is committed to providing histopathologists with a start-to-finish portfolio of histology products for everything from fixation and embedding, to staining and eventual diagnosis.

For more information on all the Histology products we offer, visit vwr.com/histology

The Value of VWR...

Keeping Your Research on the Cutting Edge

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Unparalleled choice with a complete portfolio of histology products



Operational Excellence

Total solutions for laboratory needs on a global scale



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Technical product support, e-business solutions and innovative, customized services



VWR provides you with over 1 million products from best-in-class manufacturers. Our product offering is continually expanding to include foremost manufacturers as well as our collection of brands, providing quality products at the right price.

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VWR is a leading, global, independent provider of products, services and solutions. With more than 160 years of experience, VWR has cultivated a value proposition that supports your research with our unique approach to solution-based collaboration through product choice, operational excellence and differentiated services. Our dedicated team of more than 8,500 associates is focused on supporting you.

Delivering Essential Histology Workflow Solutions

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...and VWR CATALYST Services

With support from **VWR CATALYST**, your business can maintain a competitive edge. Our services re-focus scientific time to help you accelerate productivity and drive innovation in histology. Services include Procurement and Supply Management, Laboratory Support, Scientific Support, Lean Six Sigma Process Consulting, and Equipment and Instrument Services. Learn more at vwr.com/vwrcatalyst.



Extended neck containers feature a funneled neck and extended handles



Stackable containers feature transparent locking lids and a needle-removal port

Tortuous path systems restrict hand entry

VWR® Sharps Container Systems, Red

Sharps container systems provide solutions for the safe and effective containment and disposal of contaminated needles, syringes, and other sharps. The stackable sharps containers are puncture-resistant and autoclave- and incinerator-safe. The tortuous path systems restrict hand entry. The extended neck sharps containers feature a funneled vertical drop and extended handles. Puncture-resistant and autoclave- and incinerator-safe.

Description	Capacity	Dimensions	Cat. No.
Stackable Sharps Containers			
Small	0.95 L (32 oz.)	8.9W x 8.9D x 17.8H cm (3 1/2 x 3 1/2 x 7")	19001-001
Medium	3.8 L (1 gal.)	25.4W x 17.8D x 12.7H cm (10 x 7 x 5")	19001-003
Medium, Tortuous Path	3.8 L (1 gal.)	25.4W x 17.8D x 17.1H cm (10 x 7 x 6 3/4")	19001-005
Large	7.6 L (2 gal.)	25.4W x 17.8D x 24.1H cm (10 x 7 x 9 1/2")	19001-006
Large, Tortuous Path	7.6 L (2 gal.)	25.4W x 17.8D x 28.6H cm (10 x 7 x 11 1/4")	19001-008
X-Large	30.3 L (8 gal.)	28.6W x 28.6D x 34.9H cm (11 1/4 x 11 1/4 x 14")	19001-010
XX-Large	60.6 L (16 gal.)	28.6W x 28.6D x 64.8H cm (11 1/4 x 11 1/4 x 25 1/2")	19001-013
Extended Neck Sharps Containers			
Small	4.5 L (1.1 gal.)	25.4W x 15.2D x 22.9H cm (10 x 6 x 9")	19001-023
Medium	5.9 L (1.6 gal.)	25.4W x 15.2D x 27.9H cm (10 x 6 x 11")	19001-025
Large, Wide Opening	11.4 L (3 gal.)	30.5W x 22.9D x 27.9H cm (12 x 9 x 11")	19001-028
Tall Tray Size	1.6 L (54.1 oz.)	8.9W x 8.9D x 25.4H cm (3 1/2 x 3 1/2 x 10")	19001-016
Tall Tray Size with Needle Remover	1.6 L (54.1 oz.)	8.9W x 8.9D x 25.4H cm (3 1/2 x 3 1/2 x 10")	19001-020

VWR® Soft Nitrile Examination Gloves

Ambidextrous gloves protect hands from a broad range of chemicals and biohazards. Made from premium nitrile for high quality and consistency. Gloves are fully textured and feature beaded cuffs.

Ideal for all industrial and laboratory tasks, these powder-free gloves are made of premium compounded nitrile for tactile sensitivity and comfort. Gloves protect against biohazards and a broad range of chemicals. Composition is 100% latex-free to eliminate adverse reactions associated with natural rubber latex proteins.

Size	Length	Color	Cat. No.
X-Small	22.9 cm (9")	Blue	89038-267
Small	22.9 cm (9")	Blue	89038-268
Medium	22.9 cm (9")	Blue	89038-270
Large	22.9 cm (9")	Blue	89038-272
X-Large	22.9 cm (9")	Blue	89038-274



You help others;
let us help you

At VWR, we know that the work you do helps improve the lives of patients. We're here to help you do that. We can help bring better efficiency and clarity to your work through a wide range of products designed to help both the clinician and the researcher improve productivity and reduce errors in the lab.

Whether you diagnose cancer in a patient or find the cause of cancer in the laboratory, our selection of new products will make it easier for you to focus on the results, instead of the process.



Qlicksmart® BladeFLASK, MYCO Medical

OSHA Compliant Surgical Blade Removal System

Single handed, puncture and spill proof for easy, convenient and safe blade removal

Audible click helps confirm proper blade removal. Separate bracket allows for wall or cart mounting. Compatible with most brands of general surgery blades.

Ordering Information: Qlicksmart® Bracket is sold separately.



Description	Cat. No.
Qlicksmart® Blade Removal System	89260-788

Accessories	
Description	Cat. No.
Qlicksmart® Bracket	89260-790



GLASSVAN® Surgical Blades, Sterile, MYCO Medical

GLASSVAN® Surgical Blades are produced from high quality, high durability Swiss Carbon and Stainless steel. Computerized grinding and proprietary polishing processes ensure consistent, clean, sharp cutting edges and two VCI strips ensure product and packaging integrity.

Ordering Information: Blade sizes #24 and #10A are special order items.

Blade Size	Material	Cat. No.
#10	Carbon Steel	10148-790
#11	Carbon Steel	10148-788
#15	Carbon Steel	10148-848
#10	Stainless Steel	10148-786
#11	Stainless Steel	10148-796
#15	Stainless Steel	10148-780
#22	Stainless Steel	10148-798



Technocut® Disposable Scalpels, Sterile, MYCO Medical

Technocut® Disposable Scalpels feature scalpel blades produced from high quality Swiss stainless steel that are attached to the handle by cold staking. The non-slip clear shield improves safety and provides for easy blade size identification. These scalpels have ergonomic, non-slip plastic handles with an integrated metric ruler for convenience.

Blade Size	Cat. No.
#10	10148-882
#11	10148-884
#15	10148-890

Technocut® Plus Disposable Safety Scalpels, Sterile, MYCO Medical

Technocut® Plus Disposable Safety Scalpels are top activated for ambidextrous use with a color-coded slider button for easy blade size identification. The fully extended blade enables clear line of sight and the fully enclosed front end enhances blade stability and security. Audible clicks help confirm the proper blade position with a final lock feature for safe handling and disposal.

Blade Size	Cat. No.
#10	10148-872
#11	10148-874
#15	10148-878



Forceps Warmer, TBS®

Three heated wells with countersunk holes in an all-metal housing. Wells are anodized aluminum and heat to 80°C. Sloped surface provides convenient accessibility during tissue orientation at an embedding center. Lighted on/off switch shows when unit is in operation.

Dimensions	7.6H x 7.6W x 12.7D cm (3 x 3 x 5")
Electrical	120V, 60Hz, 12W

Description	Cat. No.
Forceps Warmer	15147-902





Made from German Stainless Steel for a Sharp and Exact Cut Every Time

Miltex
Redefining Excellence



Safety Scalpels



Standard Scalpels

Disposable Scalpels, Sterile, Integra™ Miltex®

Scalpels feature plastic handles and razor-sharp, stainless steel blades for superior cutting and clean incisions. Size is clearly marked on each blade. Safety sleeve protects both user and blade. Individually packaged in sealed, peel-apart pouches. Five-year shelf life.

Blade No.	Cat. No.
10	21909-654
11	21909-656
21	21909-664
22	21909-666

Disposable Safety Scalpels, Sterile, Integra™ Miltex®

Pre-assembled scalpels feature plastic handles and fully retractable stainless steel blades. Blades have a razor-sharp cutting edge for superior cutting and clean incisions. Size is clearly marked on each blade. Metric ruler on each scalpel assists in determining incision length. Individually packaged in sealed, peel-apart pouches. Five-year shelf life.

Scalpels comply with OSHA directive for the Needlestick Safety and Prevention Act.

Blade No.	Cat. No.
10	21909-670
11	21909-672

Micro Adson Tissue Forceps, Integra™ Miltex®

Stainless steel.



Jaw Width	Length	No. of Teeth	Blade Type	Cat. No.
0.5 mm	12.1 cm (4 3/4")	1 x 2	Straight	21909-682

Swiss Jeweler Style Forceps, Integra™ Miltex®

Made from non-magnetic stainless steel.



Description	Length	Cat. No.
Fine	12.1 cm (4 3/4")	21909-456
Fine	12.1 cm (4 3/4")	21909-458
Narrow, Fine	12.1 cm (4 3/4")	21909-460
Fine	11.2 cm (4 3/8")	21909-462
Super Fine	11.2 cm (4 3/8")	21909-464
Pickup	11.2 cm (4 3/8")	21909-466
Fine, Curved	11.2 cm (4 3/8")	21909-468





Iris Scissors, Integra® Miltex®

Stainless steel.



Length	Jaw Type	Cat. No.
11.4 cm (4 1/2")	Straight	21909-404
11.4 cm (4 1/2")	Curved	21909-406
10.2 cm (4")	Straight	21909-520
10.2 cm (4")	Curved	21909-522

Micro Surgery Scissors, Integra™ Miltex®

Straight with sharp points and round handles.



Blade Length	Length	Cat. No.
6 mm	15.2 cm (6")	89049-674

Custom Kitting Solutions

We enable the advancement of science, medical research, and patient care by providing high-quality kitting solutions for clinical and non-clinical applications.

VWRCATALYST custom kitting and repackaging solutions can streamline your core activities, saving you time and increasing productivity.

Our solutions include custom specimen collection kits, clinical trial ancillary supply kits, repackaging of bulk products, and much more.

Learn more at vwr.com/customkitting, where you can submit a Custom Kitting Request and provide VWRCATALYST with details about your requirements.





Carbon Steel and Stainless Steel Disposable Surgical Blades, Sterile, Sklar

Disposable surgical blades are made with English steel.

Ordering Information: Packaged in heavy foil and packed in a dispenser box of 100 blades.



Description	Blade No.	Cat. No.
Stainless Steel Surgical Blade	15	82029-840

Adson Tissue Forceps, Sklar

Made from premium-grade stainless steel. Autoclavable.

Length	121 mm (4 ³ / ₄ ")
No. of Teeth	1 x 2



Description	Length	Cat. No.
Straight	121 mm (4 ³ / ₄ ")	82030-272

SklarSafe™ Safety Scalpels, Sterile, Sklar

Disposable, sterile safety scalpels feature a stainless steel blade and locking safety guard. Straight. Individually wrapped.



Scalpel No.	Cat. No.
10	89025-966
11	89025-968
15	89025-970

Disposable Scalpels, Sterile, Sklar

Disposable scalpels with blade and handle. Packaged individually.



Blade No.	Cat. No.
10	82029-850
11	82029-852
12	82029-854

Scissors, Sklar

Sklar Scissors are stainless steel, industry standard.



Length	Tip Type	Cat. No.
3.5"	Sharp/Sharp	82030-238

Iris Scissors, Sklar

Made of high-quality stainless steel. Autoclavable.



Description	Length	Cat. No.
Curved, Sharp/Sharp	114 mm (4 ¹ / ₂ ")	82030-244
Straight, Sharp/Sharp	89 mm (3 ¹ / ₂ ")	82030-230

VWR® Sterile Sample Bags with Specimen Sponge

Sterile sample bags are ideal for surface sampling in a wide range of applications. They provide a reliable method for monitoring potentially hazardous environments for the presence of microorganisms as well as foodborne pathogens.

Bags are made of virgin polyethylene tubing with no side seals. They feature a wire closure for an airtight seal, wide-sealed bottoms for added leakproof protection, and a write-on strip. They are easy to use: tear off perforated top, pull tabs to open bag, fill, grab ends of tape closure and pull shut, twirl bag three or four times to seal, and bend ends of closure inward to lock the seal.

Each bag includes a cellulose sponge that measures 3.8Wx7.6Lx1.6Hcm (1¹/₂x3x⁵/₈") when hydrated. Choose from a biocide-free, dry sponge or a foil-sealed sponge premoistened with a sterile buffer solution. Bag **89085-576** also includes one pair of gloves for surface sampling.

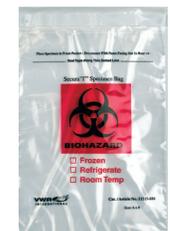
Caution: Do not use with alcoholic substances or where temperature exceeds 100°C (212°F).



Description	Cat. No.
Sponge, Dry	89003-806
Sponge, Dry (with Gloves)	89085-576

VWR® Biohazard Specimen Bags

Designed for safe and secure transport of a specimen container and documentation, these 2mil bags feature a pouch to keep the paperwork separate from the container. They have a self-sealing closure and are tamper evident.



Dimensions	Cat. No.
22.9 x 30.5 cm (9 x 12")	11215-682
15.2 x 22.9 cm (6 x 9")	11215-684



Rovers® Pap Smear Collection Tools, Puritan Medical Products

These brushes are used to collect cervical cells for conventional Pap smears or in conjunction with the monolayer prep process. The Cervex-Brush® has semi-circular polyethylene bristles of various lengths to collect endocervical, ectocervical, and transformation zone cells without the use of a spatula. The Cervex-Brush® Combi replaces the middle bristles of the Cervex-Brush® with a complete endocervical brush to allow for simultaneous Pap smear collection of ectocervical and endocervical cells with a single device insertion. These brushes should not be used during pregnancy. The polypropylene spatula may be used in conjunction with the brushes. It has a curved, detachable head for use with liquid based monolayer processing systems. Nonsterile.

Description	Cat. No.
Cervex-Brush®	95056-636

Puritan® Histobrushes®, Puritan Medical Products

Histobrushes® are for cervical specimen collection, Pap smear tests, and buccal collection for DNA lineage. Feature tapered histobrush tip, soft tapered nylon bristles, and polystyrene handle.

Ordering Information: Brushes are individually wrapped and packaged 100 per box, 10 boxes per case.

Description	Length	Cat. No.
Nonsterile	17.8 cm (7")	10805-198

Puritan® Swab, Cervisoft® Foam Head, Sterile, Puritan Medical Products

A cytology collection device that can be used for cervical specimen collection and sexual assault kits. Non-abrasive Cervisoft® foam tip readily releases cells onto slides. Polystyrene handle.

Handle Length	Handle Width	Head Length	Head Width	Overall Length	Sterility	Cat. No.
177.8 mm (7.000")	2.5 mm (0.100")	25.4 mm (1.000")	4.8 mm (0.189")	203.2 mm (8.000")	Sterile	10808-156

Puritan® Endo Cervex Brush, Puritan Medical Products

Endocervical brush is a cytology collection device for chlamydia/gonorrhea testing, liquid-based Pap smear preparation/testing, and traditional sample preparation. Flexible bristle head, tip, and handle are all polypropylene. Nonsterile.

Ordering Information: Packaged 50 per bag, 20 bags per case.

Length	Cat. No.
20.3 cm (8")	10808-150



Endo Cervex Brush



Histobrush



Cervisoft Foam Head Swab



Rovers® Cervex-Brush® COMBI Cervical Brush



Note: Containers are intended for single use, although the container base may be autoclaved at 121°C (250°F). Caps are not autoclavable.



VWR® Histology Specimen Containers

These clear, medical-grade polypropylene containers are specifically designed for the collection and transport of histology specimens. Containers are crack-resistant and feature molded-in graduation markings on three sides. The top and bottom of each container is equipped with a positive grip-knurl to ease in opening or closing when handled with gloves. The straight-sided construction increases stability and allows containers to be stacked.

Containers are supplied with the SURE-LOK® proof-of-closure system. Screw-thread polyethylene caps provide a leak-resistant seal. Molded-in features on both the cap and container provide visual and tactile assurance of a secure seal. When the indicator on the cap aligns at or beyond the indicator on the container base, the container is firmly closed. Sterile containers are labeled with a security tab.

Note: Containers are intended for single use, although the container base may be autoclaved at 121°C (250°F). Caps are not autoclavable.

Containers are 95kPa approved.

Cap Size	48 mm
Height	60 mm (without cap)

Capacity	Cap Color	Cat. No.
Sterile Containers		
60 mL (2 oz.)	Natural	82030-446
60 mL (2 oz.)	Blue	82030-448
60 mL (2 oz.)	Orange	82030-450
Nonsterile Containers		
60 mL (2 oz.)	Natural	82030-386
60 mL (2 oz.)	Yellow	82030-388
60 mL (2 oz.)	Yellow	82030-390

VWR® Specimen Containers, Polypropylene with Polyethylene Caps

Durable, translucent containers may be used for storage or transport of most liquid or solid specimens. Tolerate strong acids, bases and most organic solvents. Graduated in both avoirdupois and metric units. Withstand temperatures -10 to 130°C (14 to 266°F) continuously or -10 to 140°C (14 to 284°F) for a short period.

Ordering Information: Each specimen container is supplied with a purple polyethylene screw cap.



Capacity	Cap Color	Cap Size	Sterility	Packaging	Cat. No.
120 mL (4.0 oz.)	Blue	46.00 mm	Sterile	Bulk Packed, Peel Pouches	15704-092
133 mL (4.5 oz.)	White	57.15 mm	Sterile	Bulk Packed, Individually Wrapped	15704-085
133 mL (4.5 oz.)	White	57.15 mm	Sterile	Bulk Packed, Individually Wrapped with Lids	25384-078
133 mL (4.5 oz.)	Purple	57.15 mm	Sterile	Bulk Packed, Peel Pouches	25384-146
133 mL (4.5 oz.)	White	57.15 mm	Sterile	Bulk Packed, Peel Pouches	15704-088
133 mL (4.5 oz.)	Purple	57.15 mm	Sterile	Bulk Packed, Tamper Tab	25384-144
133 mL (4.5 oz.)	Purple	57.15 mm	Nonsterile	Sleeves, Containers and Sleeves, Lids	25384-148
150 mL mL (4.5 oz.)	Multi	63.50 mm	Nonsterile	Sleeves, Containers and Sleeves, Lids	15704-087

VWR® Polypropylene Specimen Containers

Sturdy, shatter-resistant containers are manufactured from transparent polypropylene to allow constant sample viewing. Containers feature molded graduations in 10mL and 0.5oz. increments. Polyethylene snap-on lids are sold separately, except where noted. Lids create a secure seal, and offer space for date, name, doctor, and room number molded into the surface. Components are available in nonsterile or sterile formats.

Ordering Information: Lids fit both 5 and 8oz. containers. Bulk items are packaged 20 per bag, 25 bags per case.

Description	Capacity	Dimensions	Sterility	Packaging	Cat. No.
Container	148 mL (5 oz.)	73.7 Dia x 66.3 H mm	Nonsterile	Bulk	89107-308
Container	148 mL (5 oz.)	73.7 Dia x 66.3 H mm	Sterile	Bulk	89125-840
Container with Lid	148 mL (5 oz.)	73.7 Dia x 66.3 H mm	Sterile	Individually Wrapped	89125-844
Container	237 mL (8 oz.)	73.7 Dia x 100.5 H mm	Nonsterile	Bulk	89107-310
Container	237 mL (8 oz.)	73.7 Dia x 100.5 H mm	Sterile	Bulk	89125-842
Container with Lid	237 mL (8 oz.)	73.7 Dia x 100.5 H mm	Sterile	Individually Wrapped	89125-846
Lid	—	—	Nonsterile	Bulk	89107-312
Lid	—	—	Sterile	Bulk	89125-850





Specimen Collection & Transport

VWR® KlikSeal Specimen Containers

Sterile, straight-sided specimen containers are made of break-resistant polypropylene. The blue polyethylene closure seals with an audible click, assuring superior leak resistance. Closures are tamper-sealed.

Capacity	Opening Dimensions	Cat. No.
90 mL (3 oz.)	48 mm (1 ⁷ / ₈ "	15704-002
120 mL (4 oz.)	48 mm (1 ⁷ / ₈ "	15704-008



VWR® Sample Container with Pour Spout

Clear, graduated polystyrene container features a pour spout and a paper lid. Graduations are marked from 10 to 200cc in 10cc intervals and from 1/2 to 6 1/2oz. in 1/2oz. intervals. Height: 9.1cm (3⁹/₁₆""). Top dia.: 7.1cm (2¹³/₁₆""). Top dia. with spout: 7.5cm (2¹⁵/₁₆""). Bottom dia.: 5.1cm (2"").

Description	Capacity	Cat. No.
Sample Container with Pour Spout	237 mL (8 oz.)	15704-050



VWR® HDPE Multipurpose Containers

Translucent containers for the storage of pathology, industrial, and environmental samples. Containers are made of high quality plastic to resist breakage and come in a wide range of sizes. The matching cap snaps on tight for a secure fit. The 4800mL container is equipped with a handle for portability.

Capacity	Dimensions	Cat. No.
120 mL (4 oz.)	7dia. x 5.7H cm (2 ³ / ₄ x 2 ¹ / ₄ "")	89009-662
250 mL (8.5 oz.)	8.9dia. x 6H cm (3 ¹ / ₂ x 2 ³ / ₈ "")	89009-664
473 mL (16 oz.)	8.9dia. x 8.9H cm (3 ¹ / ₂ x 3 ¹ / ₂ "")	89009-666
946 mL (32 oz.)	11.4dia. x 12H cm (4 ¹ / ₂ x 4 ³ / ₄ "")	89009-668
1.9 L (64 oz.)	16.5dia. x 11.4H cm (6 ¹ / ₂ x 4 ¹ / ₂ "")	89009-670
2.5 L (84.5 oz.)	16.5dia. x 16.5H cm (6 ¹ / ₂ x 6 ¹ / ₂ "")	89009-672
4.7 L (1.25 gal.)	21.6dia. x 16.5H cm (8 ¹ / ₂ x 6 ¹ / ₂ "")	89038-282
5 L (1.3 gal.)	22.3dia. x 17.9H cm (8 ²⁵ / ₃₂ x 7")	89009-674



VWR® Spouted Collection Containers

These 237mL (8oz.) containers are manufactured out of polystyrene with excellent clarity. Convenient pour spout for simplified specimen retrieval. Each container is graduated in 10mL (cc) and 0.5oz. increments up to 6.5oz.

Capacity	Cat. No.
237 mL (8 oz.)	15704-047



VWR® Prefilled Histology Containers, 10% Neutral Buffered Formalin (NBF)

Containers are half-filled with 10% neutral buffered formalin, for the collection and transport of tissue samples. Each container is made of high clarity virgin polypropylene and includes a polyethylene screw cap. Caps feature dual thread closures and a leak-resistant seal to protect specimens. All containers sized 20mL through 120mL are 95kPa compliant. Small-sized prefilled formalin containers (20mL and 40mL) feature a click-top closure. The first click assures users the seal is fully engaged. The second click ensures 95kPa compliance. This click-top design prevents leaking formalin containers and ensures safe specimen transport.

Containers sized 20mL through 120mL are packaged in transport packs with handles. This packaging design allows for easy distribution to other labs and doctors' offices. The inner packaging is made of chipboard material, and is safe for operating room use.



Description	Capacity	Cat. No.
Prefilled 10% Neutral Buffered Formalin	20 mL	16004-112
Prefilled 10% Neutral Buffered Formalin	40 mL	16004-115
Prefilled 10% Neutral Buffered Formalin	60 mL	16004-117
Prefilled 10% Neutral Buffered Formalin	90 mL	16004-119
Prefilled 10% Neutral Buffered Formalin	120 mL	16004-121
Prefilled 10% Neutral Buffered Formalin	180 mL	16004-122
Prefilled 10% Neutral Buffered Formalin	240 mL	16008-000
Prefilled 10% Neutral Buffered Formalin	480 mL	16004-124
Prefilled 10% Neutral Buffered Formalin	1000 mL	16004-130
Prefilled 10% Neutral Buffered Formalin	3840 mL	16008-002

VWR® Intake and Measuring Containers

These tumblers are manufactured out of polystyrene with excellent clarity. These 237mL (8oz.) units are graduated in 1/2oz. increments to 8oz., and in 10mL increments to 230mL.



Capacity	Cat. No.
237 mL (8 oz.)	15704-083



CoreDish™ Multiple Biopsy Containers, Simport Scientific

These polystyrene containers are half-filled with 10% neutral buffered formalin. They feature leakproof closures with an O-ring, and clearly marked compartments. A label allows essential information to be written on the base. Different configurations are available for general purposes, breast, prostate, upper GI, and lower GI biopsies. The CoreDish® is available half prefilled with 10% neutral buffered formalin or empty for more versatility.

CE Marked



Description	D x Dia.	Cat. No.
General Purpose Container		
Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-784
Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-786
Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-788
Specific Biopsy Container		
Breast Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-774
Lower GI Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-780
Prostate Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-776
Prostate Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-782
Upper GI Biopsy Container	15 x 95 mm (19/32 x 3 3/4")	89137-778

Formage® Fixative and Transport System, Prefilled Containers, Azer Scientific

Fixation gel is designed to safely and securely transport tissue specimens without the hazards of leaking formalin. Made of 10% neutral buffered formalin, the gel preserves and fixes tissue samples with identical results to standard formalin. Each polypropylene container is half-filled with gel, and has a polyethylene screw-on cap.

Capacity	Fill Volume	Cat. No.
20 mL	10 mL	89194-768
40 mL	20 mL	89194-770
60 mL	30 mL	89194-772





VWR® Disposable Tissue Grinders

These disposable tissue grinders are safe and easy to use. Their patented closed system has the ability to grind specimen in a sealed container, helping to prevent contact with the sample. The molded abrasive surface does not leave any sediment to obstruct examination of the sample.

Fully assembled and gamma sterilized. An extra cap and identification label are provided for storage, transport, and added safety. The 35mL grinder (47732-448) is designed to be freestanding for easier handling.



Description	Capacity	Cat. No.
Conical	15 mL	47732-446
Conical	50 mL	47732-450
Freestanding	35 mL	47732-448

VWR® Premium Formalin Neutralizing Pads

- Eliminates Offensive Formalin Odors
- Easily Disposed with Minimal Cleanup

Durable, tear-resistant pads are manufactured with a bonded chemical that helps to minimize exposure to formaldehyde vapors. Pads will immediately absorb and neutralize excess formalin run-off when dissecting specimens. The distinctive blue surface of the pads offers an excellent contrast to even small tissue specimens. They are also useful for lining shelves or transport containers where leakage may occur.



Dimensions	Cat. No.
20.3W x 25.4L cm (8 x 10")	95057-842
27.4W x 35.6L (11 x 14")	89131-872
40.6W x 50.8L (16 x 20")	89131-874



VWR® Rapid Flash Freezing Spray

Use this aerosol for flash-freezing samples. Fresh tissue can be frozen to -51°C (-60°F) in three seconds, eliminating water crystal formation often produced by slower freezing methods. Freezing power is finely controlled with a trigger actuator valve and 12.7cm (5") polyethylene snorkel.

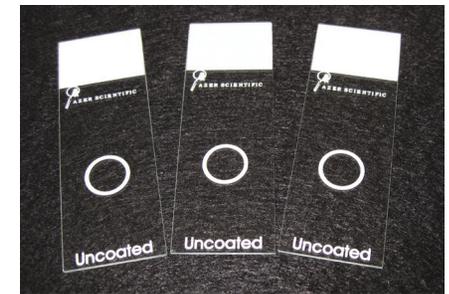
The gas is 100% triple-filtered, noncorrosive, nonflammable, odorless, and completely volatile. EPA designated substitute for ozone-depleting compounds. Supplied in an aerosol can.



Size	Cat. No.
325 mL (11 oz.)	16650-029

Cytology Spin Slides, Azer Scientific

Cytology Spin slides are compatible with Thermo Shandon centrifuge systems, and are designed to aid in the quick and easy location of the centrifuged smear. Available with single or double wells, slides feature well placement in the exact position where the centrifuge specimen is deposited. Available with or without adhesive coating.



Description	Cat. No.
Uncoated Slides	
Single Well	95042-274
Double Well	95042-276
Positively Charged Slides	
Single Well	95042-270
Double Well	95042-272



Cytology Funnels for Shandon CytoSpin™ Centrifuge, Biomedical Polymers

Single-use funnels are available in single or double configurations and are fully compatible with the Thermo Shandon CytoSpin™ centrifuge. These funnels deposit a thin layer of cells onto a microscope slide in a clearly defined area of 6mm. Double funnels deposit cells onto two locations on a slide. Pre-attached white filter cards absorb any excess fluid. Brown filter cards provide slower absorption of fluids, useful when working with scanty samples and applications involving spinal fluids.

Stainless steel funnel clips hold the cytology funnels snugly against the slide during the centrifugation process. Clips will not rust or corrode and are also compatible with the CytoSpin™ centrifuge. Disposable plastic funnel clips can replace standard metal clips, eliminating the need to sanitize clips after each use.



Description	Sample Volume	Cat. No.
Single Cytology Funnel, Brown Filter Card	0.4 mL (max. per slide)	95041-528
Single Cytology Funnel, White Filter Card	0.4 mL (max. per slide)	80094-254
Single Cytology Funnel, White Filter Card, Bulk Pack	0.4 mL (max. per slide)	80094-256
Double Cytology Funnel, White Filter Card	0.25 mL (max. per slide)	80094-258
Double Cytology Funnel, White Filter Card, Bulk Pack	0.25 mL (max. per slide)	80094-260

ThermoSafe® Foam Lab Mailers, ThermoSafe Brands

Lab mailers provide maximum breakage protection from shipping damage for various non-hazardous analytical samples. Ideal for mailing assorted tubes, petri dishes, and clinical specimen of varied sizes and styles. Mailers are constructed of lightweight polystyrene foam with an engineered rib structure and feature a molded, two-piece interlocking design to hold containers closed during transit. Mailers are reusable and recyclable. The general specimen mailers can hold cans, screw cap vials, tubes, swabs, or air filter cartridges.

For further protection, optional mailing sleeves, specifically designed to fit foam mailers, are available. Sleeves are made of sturdy, 18-point, white paperboard and feature reverse tuck closures that enable the foam mailer to withstand multiple trips. Sleeves may be custom-printed with lab name, address, and postal permit number.

Description	Interior Dimensions	Cat. No.
Foam Mailer for 100 mL Containers	9.5L x 5.7W x 3.8H cm (3 ³ / ₄ x 2 ¹ / ₄ x 1 ¹ / ₂ ")	16465-250
Foam Mailer for Five 3/5 mL Tubes	10.5 x 1.3 cm (4 ¹ / ₈ x 1/8")	73320-084
Foam Mailer for Eight 5/7/10 mL Tubes	11.3 x 1.8 cm (4 ⁷ / ₁₆ x 2 ³ / ₃₂ ")	73320-086

PolarPack® Foam Brick Refrigerant Gel Packs, ThermoSafe Brands

Nontoxic, reusable bricks are ideal for precise packing when shipping temperature-sensitive materials. Bricks consist of semi-rigid foam formed in vacuum process, enclosed in durable 4.1mil thick polyethylene film. Maintain packaging configuration during transit and never change shape, even when frozen. Refrigerant changes phase at 0°C (32°F) and returns to foam state upon thawing.



L x W x D	Weight	Cat. No.
11.4 x 10.1 x 1.9 cm (4 ¹ / ₂ x 4 x 3/4")	212 g (7.5oz.)	89049-986





Achieve the Ultimate Section with these Premium Histology Cassettes



New Flow-Thru Design Optimizes Tissue Processing

The flow-thru design featured on these premium cassettes maximizes the fluid exchange for the most efficient and thorough tissue processing available anywhere. Cassettes also feature a standard 45° print surface that is compatible with all printing devices. The positive release latch and safe lock base allow for easy opening and closing, as well as allow compatibility with all base molds.



Available in a wide variety of colors.



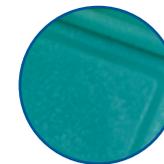
	VWR® Premium Tissue Cassettes	VWR Premium Biopsy Cassettes	VWR Monosette Cassettes	VWR Histology Cassettes
Works Well with Difficult Samples	x	x		
Larger Chamber	x			x
Attached Cover	x	x		x
Detachable Cover		x	x	
Positive Release Latch	x	x		
Spring Action Latch			x	
For Tissue Samples	x		x	x
For Biopsy Samples		x		x
Available in Tubes		x		x



Attached cover has frangible hinge



Vented sides and rear wall work exceptionally well with fatty, dense, and other difficult to process samples



Molded from reagent-resistant acetyl polymer

VWR® Premium Tissue Cassettes

These premium cassettes feature a fluidic flow design for the optimization of tissue processing and embedding. Unique design has vented side walls to maximize fluid exchange. The vented sides and rear wall design work exceptionally well with fatty, dense, and other difficult to process tissue samples. The chamber is 10% longer, allowing for an increased specimen range. Standard 45° angled print surface is compatible with all automatic printing devices. Attached cover has a large labeling area and uses a frangible hinge. Positive release latch and safe lock base allow for ease of opening and closing. Molded of reagent-resistant acetyl polymer resin for chemical resistance to histological solvents.

Description	Color	Cat. No.
Standard Cassettes	White	18000-000
Standard Cassettes	Blue	18000-002
Standard Cassettes	Aqua	18000-004
Standard Cassettes	Green	18000-006
Standard Cassettes	Lilac	18000-008
Standard Cassettes	Pink	18000-010
Standard Cassettes	Orange	18000-012
Standard Cassettes	Gold	18000-014
Standard Cassettes	Yellow	18000-016
Standard Cassettes	Beige	18000-018
Standard Cassettes	Gray	18000-020

VWR® Biopsy Cassettes

These premium cassettes feature a flow-thru design for the optimization of biopsy processing and embedding. Innovative design with vented side walls maximizes fluid exchange. Unique patented 135° side wall inner basket provides the optimal handling of small specimens. Small pore design (0.67mm pore size) offers a more effective fluid exchange when compared to sponges, screens, and bags. Secure seal ensures safe specimen retention. Standard 45° print surface is compatible with automatic printing devices. Items with attached covers have a large labeling area and utilize a built-in frangible hinge. Positive release latch and safe lock base allow for ease of opening and closing. Molded of reagent-resistant acetyl polymer resin for chemical resistance to histological solvents.

Two-piece biopsy cassettes include the same construction and design features as standard cassettes, but are supplied with unattached covers. They are also available in pre-filled tubes for printers.

Multichamber cassettes have the same construction and design features but are divided into four separate chambers for multiple processing. They are not compatible with most printers.

Ultra small pore biopsy cassettes eliminate the need for sponges, bags, biopsy papers, and screens by incorporating a significantly smaller pore size (0.25mm) into the cassette design. These cassettes are also available in pre-filled tubes for printers.

Mini biopsy cassettes have the same design features but are one third the size of a standard cassette, with a small (0.67mm) pore size for effective fluid exchange. They may be used as a stand alone processing cassette and are ideal for needle biopsies, bite biopsies, tissue flakes, and microwave techniques. These cassettes eliminate the need for sponges, screens, or bags. The 33° angled writing surface is not compatible with automatic printing devices.

Ordering Information: Biopsy, two-piece biopsy, multichamber, ultra small pore, and mini biopsy cassettes are designed to be used with VWR® base molds (see 18000-116 series), sold separately. For additional information on printer-ready Biopsy Cassettes packaged in pre-filled tubes, see 95029-970 series. Additional accessory items are available for processing, microtomy, and storage. Contact your VWR representative for additional information.



Description	Color	Cat. No.
Premium Biopsy Cassettes	Navy	18000-030
Premium Biopsy Cassettes	Aqua	18000-032
Premium Biopsy Cassettes	Green	18000-034
Premium Biopsy Cassettes	Lilac	18000-036
Premium Biopsy Cassettes	Pink	18000-038
Premium Biopsy Cassettes	Orange	18000-040
Premium Biopsy Cassettes	Yellow	18000-044
Premium Biopsy Cassettes	Beige	18000-046
Premium Biopsy Cassettes	Gray	18000-048
Two-Piece Biopsy Cassettes with Covers	White	95029-944
Two-Piece Biopsy Cassettes with Covers	Green	95029-950
Two-Piece Biopsy Cassettes with Covers	Lilac	95029-952
Two-Piece Biopsy Cassettes with Covers	Yellow	95029-960
Ultra Small Pore Biopsy Cassettes	White	95029-988
Ultra Small Pore Biopsy Cassettes	Navy	95029-990
Ultra Small Pore Biopsy Cassettes	Aqua	95029-992
Ultra Small Pore Biopsy Cassettes	Green	95029-994
Ultra Small Pore Biopsy Cassettes	Lilac	95029-996



VWR® Histology Cassettes

Economical histology cassettes for routine tissue and biopsy processing and embedding. Cassette design features a 10% increased chamber length for maximization of specimen range. Tissue cassette design features flow-thru slots. Biopsy cassettes have 0.67mm pore openings to securely contain smaller specimens, eliminating the need for inserts. Three sides of cassette feature a textured writing surface for sample identification and tracking. Standard 45° print surface is compatible with all automatic printing devices. Attached covers use frangible hinge. Resistant to solvents and decalcifying solutions. Compatible with microwave techniques.

Metal lids are made of stainless steel with gold plating. Lids are slotted to maximize fluid exchange and drainage.

Ordering Information: For additional information on printer-ready histology cassette tubes, see **95029-926** series.



Available in 11 colors!

Description	Color	Cat. No.
Biopsy Cassette (with Attached Hinged Plastic Covers)	Aqua	18000-244
Biopsy Cassette (with Attached Hinged Plastic Covers)	Gold	18000-254
Biopsy Cassette (with Attached Hinged Plastic Covers)	Green	18000-246
Biopsy Cassette (with Attached Hinged Plastic Covers)	Lilac	18000-248
Biopsy Cassette (with Attached Hinged Plastic Covers)	Orange	18000-252
Biopsy Cassette (with Attached Hinged Plastic Covers)	Pink	18000-250
Biopsy Cassette (with Attached Hinged Plastic Covers)	White	18000-240
Tissue Cassettes (with Attached Cover)	Aqua	18000-134
Tissue Cassettes (with Attached Cover)	Beige	18000-148
Tissue Cassettes (with Attached Cover)	Gray	18000-150
Tissue Cassettes (with Attached Cover)	Green	18000-136
Tissue Cassettes (with Attached Cover)	Lilac	18000-138
Tissue Cassettes (with Attached Cover)	Navy	18000-132
Tissue Cassettes (with Attached Cover)	Orange	18000-142
Tissue Cassettes (with Attached Cover)	Pink	18000-140
Tissue Cassettes (with Attached Cover)	White	18000-130
Tissue Cassettes (with Attached Cover)	Yellow	18000-146

VWR® Mega Cassettes

Substantially deeper than conventional cassettes, Mega Cassettes allow for easier embedding and processing of larger specimens. Complete with a plastic hinged lid, these rigid, durable cassettes also feature writing surfaces.

Description	Dimensions	Cat. No.
Mega Cassette	30 x 40 x 11 mm	18000-286
Mega+ Cassette	53 x 75 x 12 mm	18000-288

VWR® Color-Coded Monosette Cassettes

Enables infiltration, embedding, sectioning and filing steps to be done with a single specimen carrier.

Made of rugged plastic that is resistant to most solvent and decalcifying solutions. Slotted openings allow thorough penetration of processing solutions. Spring-action latch holds lid securely closed, preventing specimen loss. Plastic lid detaches for easy disposal before embedding. Color-coded for easy identification of specimens. Textured writing surface. Fit Tissue Tek II® and other standard base molds.

Color	Cat. No.
White	15154-270
Blue	15154-273
Yellow	15154-276
Green	15154-279
Pink	15154-282



VWR® Histology Cassette Tubes

Economical histology cassettes for routine tissue and biopsy processing and embedding. Cassette design features a 10% increased chamber length for maximization of specimen range. Tissue cassette design features flow-thru slots. Biopsy cassettes have 0.67mm pore openings to securely contain smaller specimens, eliminating the need for inserts. Three sides of cassette feature a textured writing surface for sample identification and tracking. Standard 45° print surface is compatible with all automatic printing devices. Attached covers use frangible hinge. Resistant to solvents and decalcifying solutions. Compatible with microwave techniques.

Metal lids are made of stainless steel with gold plating. Lids are slotted to maximize fluid exchange and drainage.

Cassettes are packaged in tubes for compatibility with all printers that accept pre-filled tubes. They have a 45° surface angle for printing. The acetyl polymer resin base is resistant to solvents. Chamber length has been increased by 10%, and all cassettes feature a velvet finished writing surface.

Ordering Information: Supplied in tubes of 75 cassettes, 10 tubes per case.

Description	Color	Cat. No.
Biopsy Cassettes with Unattached Plastic Lids	White	95030-132



VWR® Biopsy Cassette Tubes

These premium cassettes are packaged in tubes for compatibility with all printers that accept pre-filled tubes. Cassettes feature a flow-thru design for the optimization of biopsy processing and embedding. Innovative design with vented side walls maximizes fluid exchange. Secure seal ensures safe specimen retention. Standard 45° print surface is compatible with automatic printing devices. Items with attached covers have a large labeling area and use a frangible hinge. Positive release latch and safe lock base allow for ease of opening and closing. Molded of reagent-resistant acetyl polymer resin for chemical resistance to histological solvents.

Two-piece biopsy cassettes included the same construction and design features as standard cassettes, but are supplied with unattached covers.

Ultra small pore biopsy cassettes eliminate the need for sponges, bags, biopsy papers, and screens by incorporating a significantly smaller pore size (0.25mm) into the cassette design.

Ordering Information: Supplied in tubes of 75 cassettes, 10 tubes per case. Designed to be used with VWR base molds. For additional biopsy processing/embedding cassette information and ordering options, see **18000-032** series.

Description	Color	Cat. No.
Two-Piece Biopsy Cassettes with Covers	White	95029-966
Two-Piece Biopsy Cassettes with Covers	Pink	95029-976
Ultra Small Pore Biopsy Cassettes	Navy	95030-112



VWR® Chemical-Resistant Marker

Precision ultrafine tip permanently marks slides and cassettes. Ink is waterproof, smearproof, odorless, and resistant to most chemicals, including formalin and xylene. Not resistant to alcohol.

Note: Markers are not for use on smooth surfaces; only on frosted slides and tissue cassettes.



Ink Color	Cat. No.
Black	95042-566

Hareta Replacement Cassette Hot Foil Tape, Springside Scientific

This tape is designed for the Thermo MicroWriter/Printmate and TBS Shur/Mark as an economical replacement for the original OEM product.

Prints up to 20,000 cassettes per roll. Will not fade, even in the harshest processing environments, including reagents, alcohols and Xylene. A direct replacement for the original OEM tape.

Ordering Information: Each case contains five rolls.



Dimensions	Packaging	Cat. No.
1.125 x 400'	Cardboard Case	10756-186

SHUR/Mark® Cassette Labeler, TBS®

Designed to efficiently manage the cassette labeling process, these easy-to-use labelers automatically feed, print, and collate cassettes sequentially. A heated stylus inscribes a permanent print through hot foil tape. The resulting mark is impervious to processing reagents.

Model SMC-A (15146-000) is ideal for immediate access to printed cassettes. It is supplied with collection guide chute, two 50-capacity cassette dispensing hoppers, dual-position cassette hopper loading platform, a roll of hot foil tape, and software. Model SMC-B (15146-002) is designed for batch collection of printed cassettes. It is supplied with an elevation platform, collection guide chute, one 50-capacity cassette dispensing hopper, dual-position cassette hopper loading platform, a roll of hot foil tape, and software. Windows® based software options offer extensive data customization, input efficiencies, and data management capabilities.



Description	Electrical	H x W x D	Shipping Weight	Cat. No.
Cassette Labeler	115–240V, 50/60Hz	66 x 28 x 36 cm (26 x 11 x 14 ³ / ₁₆ ")	15 kg (33 lbs.)	15146-000
Cassette Labeler with Elevation Platform	115–240V, 50/60Hz	66 x 28 x 36 cm (26 x 11 x 14 ³ / ₁₆ ")	15 kg (33 lbs.)	15146-002



VWR® Base Molds

Base molds are specially designed for use with VWR Signature™ tissue processing/embedding cassettes (see **18000-004** series) and VWR® biopsy processing/embedding cassettes (see **18000-032** series), but may be used with any standard size cassette. Molds feature higher sides to allow optimum paraffin volume during embedding, and dramatically reduce excess paraffin on the sides of embedded cassette blocks.

Reusable stainless steel molds have wings to ensure level embedding. Polished surface allows easy block removal and cleaning.

Disposable base molds are constructed of rigid plastic and designed for zero flash. Molded for a tight fit around the cassette, they prevent excess paraffin from adhering to the sides of the cassette. Positive lock ensures consistent and level embedding. Breakaway latch allows for easy block removal. Crisp sides of the mold aid in sectioning and section ribbing.



Description	Dimensions	Cat. No.
Reusable Base Molds, Stainless Steel	7 mm x 7 mm	18000-116
Reusable Base Molds, Stainless Steel	15 mm x 15 mm	18000-118
Reusable Base Molds, Stainless Steel	25 mm x 25 mm	18000-120
Reusable Base Molds, Stainless Steel	30 mm x 25 mm	18000-122
Reusable Base Molds, Stainless Steel	37 mm x 25 mm	18000-124
Disposable Base Molds, Rigid Plastic	10 mm x 10 mm	18000-126
Disposable Base Molds, Rigid Plastic	15 mm x 15 mm	18000-128
Disposable Base Molds, Rigid Plastic	24 mm x 24 mm	95039-856
Disposable Base Molds, Rigid Plastic	24 mm x 30 mm	95039-858

VWR® Biopsy Foam Pads

Rectangular foam pads are used to hold samples in place and prevent them from being lost during processing. Samples are sandwiched between pads and placed in cassettes with metal or plastic lids.



L x W x H	Color	Cat. No.
32 mm x 25 mm x 3 mm (1 1/4 x 1 x 1/8")	Blue	18000-262

Formalin Absorbent Pads, Azer Scientific

Super absorbent pads are designed to absorb and neutralize up to 900cc of 10% neutral buffered formalin. Pads are specially treated for the elimination of harmful vapors. The blue color of each pad makes an excellent background for grossing tissue.

Ordering Information: Absorbent pads 95039-810 are packaged 55 sheets per roll, six rolls per case. Absorbent pads 95039-812 are packaged 30 pads per case.



Size	Cat. No.
27.9 x 25.4 cm (11 x 10")	95039-810
22.9 x 53.3 cm (9 x 21")	95039-812

VWR® Formalin Neutralizing Powder

- Efficient and Cost Effective Formalin Neutralizer

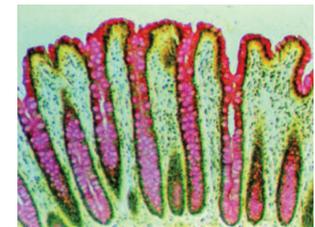
Safe, efficient powder is designed to help neutralize spent formalin. Treatment leaves a clear solution that is free from solids and aldehyde odor. Following treatment, formalin can be easily disposed of in a standard drain in accordance with local guidelines. Supplied in convenient packets, simply add one packet per gallon of formalin or 4% glutaraldehyde. Average treatment time is 15 to 20 minutes.



Description	Cat. No.
Formalin Neutralizing Powder	95057-830

VWR Life Science AMRESKO HistoChoice® MB (Molecular Biology) Tissue Fixative, 1X

- Non-formalin-based tissue fixative for molecular biology applications
- Preserves native state antigenic and nucleic acid sites
- Tissues retain natural look and feel compared to formalin fixed tissues
- A safe, non-toxic fixative—contains no formaldehyde, glutaraldehyde or mercury



Size	Cat. No.
100mL	97060-976
1L	97060-978
4L	97060-980

VWR® Decalcifiers

The fixative/decalcifier solution is a formic acid and formalin solution capable of fixing and decalcifying simultaneously. Following decalcification, the specimen is ready for processing without first having to rinse it. Specimens decalcified in this solution cut with ease and produce excellent stained sections in routine applications. Needle biopsies and other small specimens can be prepared in under 4 hours. Recommended usage is 20 times the volume of the specimen.

The rapid decalcifier solution is a hydrochloric acid and EDTA solution designed for rapid results without damaging cell morphology. Specimens must be completely fixed and trimmed to 0.2–0.5cm prior to decalcifying. Sectioning properties are excellent. Needle biopsies may decalcify in 30–40 minutes. Routine surgical specimens generally take 2–4 hours. Recommended usage is 20 times the volume of the specimen.

Combined use of fixative/decalcifier solution and rapid decalcifier solution is ideal for large specimens. The procedure involves placing the specimen in the fixative/decalcifier solution overnight to fix the specimen and initiate decalcification. The decalcification process can be rapidly completed the following day by placing the specimen in rapid decalcifier solution. Solutions are supplied in nonbreakable poly bottles.



Description	Size	Cat. No.
Fixative/Decalcifier Solution	3.8 L (1 gal.)	95057-812
Rapid Decalcifier Solution	3.8 L (1 gal.)	95057-816

VWR Life Science AMRESKO HistoChoice® Clearing Agent

- Non-toxic, non-carcinogenic, non-flammable replacement for xylene
- Virtually odorless and non-irritating to human skin
- Faster wax dissolution and slower evaporation than xylene



Size	Cat. No.
1L	97060-932
4L	97060-934

VWR Life Science AMRESKO HistoChoice® Mounting Media

- Does not crack or splinter with age
- Will not discolor
- Low viscosity for bubble-free slide preparations
- Works for all types/sizes of specimens



Size	Cat. No.
120 mL	97060-988
475 mL	97060-990

VWR® Histology Reagents

VWR Histology Reagents are manufactured from high quality raw materials in an ISO 13485 facility, ensuring optimal performance in your histology lab.

Our complete line of fixatives, dehydrants, and clearing agents make us the one source for all of your tissue processing needs.

Description	Size	Cat. No.
Alcohol		
Reagent Grade Alcohol, 70%	1 gal.	89370-078
Reagent Grade Alcohol, 80%	1 gal.	89370-080
Reagent Grade Alcohol, 95%	1 gal.	89370-082
Reagent Grade Alcohol, 100%	1 gal.	89370-084
Isopropyl Alcohol	1 gal.	89370-086
Formalin		
10% Neutral Buffered Formalin	1 gal.	89370-094
10% Neutral Buffered Formalin, Cube with Spigot	2.5 gal.	16004-126
10% Neutral Buffered Formalin, Cube with Spigot	5 gal.	16004-128
Xylene		
Xylene	1 gal.	89370-088
Xylene Substitute	1 gal.	89370-090
D-limonene	1 gal.	89370-092



Planning a New Lab?

The VWR lab planner makes your job easier for both new and remodeling projects. This online tool allows you to quickly develop a concept design and budgetary estimate.

Go to vwr.com/labsetup to start planning!



Does your Lab Need a New Histology Workstation?



The Elevating Pathology Workstation (29000-022) from Mortech® features an electro-mechanical actuator that raises or lowers the work surface from 85.1–105.4cm (33½–41½”). It also features two rinsing areas for different sized tissue samples, a disposal unit, and infrared controls for hands-free control of the water, rinse areas, and disposal. Lighting includes an overhead fluorescent fixture and a 3X magnifier with an incandescent bulb attached. For more information or to order go to vwr.com.





TPC 15 Tissue Processing Center, Medite

Closed linear rapid Tissue Processing Center with 15 stations for parallel processing of two (Duo) or three (Trio) tissue baskets with different or identical programs in less than one hour. Program interruption with access to the samples is possible.

With a capacity of 440 (Duo) or 660 (Trio) cassettes, it is capable of processing two different runs simultaneously and independently. The system stores 15 different programs, also weekend and short programs as well as paraffin recycling and basket cleaning programs.

Dimensions	129 x 71.5 x 73 cm
Electrical	115V, 60Hz, 950VA
Weight	140 kg

Description	Capacity	Cat. No.
TPC 15 Duo	2 Baskets x 220 Cassettes	10768-290
TPC 15 Trio	3 Baskets x 220 Cassettes	10768-292



RTP™ Rapid Tissue Processors, Triangle Biomedical

Capable of processing up to either 300 or 360 small biopsies safely in 40 minutes (dependent upon model). This result can be achieved using traditional reagents or with most of the Xylene and Ethyl alcohol substitutes available on the market. This “state-of-the-art” feature is safe and highly reliable. The RTP™ series is the safest and most cost effective answer for the FASTEST BIOPSY PROCESSING and overnight tissue processing needed in every histology laboratory.

The RTP™ series is designed for busy labs and offers intuitive software for easy user interaction and routine maintenance. Software such as Reagent Management System (RMS), Wax Purification Cycle and Automatic Reagent Rotation is continually monitored to ensure reagents are at optimum processing conditions and levels. It also provides lab techs an easy and efficient way to check the instrument for scheduled preventative maintenance.

CE/IVD/UL Certified.

Description	Cat. No.
RTPH-360	10119-878



Embedding

Thermo Scientific™ HistoStar™ Embedding Workstation, Thermo Scientific

Thermo Scientific™ HistoStar™ Embedding Workstation is the ideal solution for the embedding of routine tissue samples into paraffin blocks for microtome sectioning, allowing users to embed comfortably and efficiently. With brightly illuminated work surfaces, cool and contoured arm rests, and high throughput capacity, this workstation delivers significant improvements in ergonomics and efficiency. User-adjustable LED lighting uniformly illuminates the workspace helping to reduce fatigue and minimize errors without the clutter of awkward remote lamps.

The capacity of the HistoStar™ Embedding Workstation can keep up with even the busiest laboratories, with 5 liter paraffin capacity, coldplate area for 72 base molds, large heated workspace, and specimen holding area. The HistoStar™ also offers an adjustable paraffin dispense paddle. A simple adjustment moves the paddle to the most ergonomic position for the user. Even Super Mega Cassettes can be embedded with ease.

The HistoStar* Embedding Workstation is the only workstation with a heated wax trimmer built directly into the workspace. Excess paraffin can be removed at the embedding station, for optimal performance with bar coded cassettes, thus eliminating the need for additional equipment or wax scraping at the microtome.

Workstation and coldplate are UL listed and IVDD compliant.

Ordering Information: Workstation includes tamping tools, spatula kit, and waste drain kit.



Capacity	5 L (1.32 gal.) Wax Reservoir
Electrical	100–120V, 50/60Hz
Temperature Range	Wax reservoir: 122 to 158°F (50 to 70°C) Cold spot: 41°F (5°C) Hot spot: 122 to 158°F (50 to 70°C) Tissue storage: 122 to 158°F (50 to 70°C) Mold storage: 122 to 158°F (50 to 70°C) Coldplate: 10.4°F (-12°C)
W x D x H	Embedding Module: 65 x 60 x 41 cm (25.6 x 23.6 x 16.1") Coldplate: 43 x 60 x 41 cm (17 x 23.6 x 16.1")
Weight	Embedding Module: 25 kg (55.12 lbs.) Coldplate: 20 kg (44.10 lbs.)

Description	Cat. No.
Complete Embedding Workstation	89235-410

TES Valida® Paraffin Embedding System, Medite

Thermal Unit with deep paraffin tray (up to 75°C [167°F]) that accepts baskets from most common tissue processor, with a preheating container temperature up to 70°C (158°F). Large Cooling Unit with storage space for more than 100 paraffin blocks or Small Cooling Unit with space-saving cooling plate, made of stainless steel, cools down to -15°C (5°F). Dispensing Unit with paraffin tank of 1.2 gal. (4.6 liters), square cold spot and connection for 2 electrical forceps, heating space for 6 forceps.

Description	Cat. No.
Dispensing Unit, 4.6 L	10768-710
Large Cooling Unit	10768-712
Small Cooling Unit	10768-714
Thermal Unit	10768-716



TEC-II Tissue Embedding Center, Triangle Biomedical

The TEC™-II innovative microprocessor technology ensures dependability and performance that requires less space as well as a low work surface to reduce user fatigue and maximize workflow efficiencies. The unique design of having two independent modules maximizes workflow efficiencies. The ergonomic and small footprint allows the flexibility to arrange embedding workflow in either direction (left to right or vice versa) based on operator preference.

TEC™-II Cold Plate Console, features a large, non-stick surface for cooling paraffin embedded blocks. Temperature can be controlled from 0 to -15°C. The unit features programmable operating times including automatic start. All heated surfaces are independently controlled and range in temperature from 50 to 75°C.

TEC™-II Dispensing Console, has a 5-liter paraffin reservoir to guarantee continuous operation even at high specimen capacity, heated dispenser nozzle, heated work surfaces, heated forceps holders and a cold spot. It includes removable base mold and cassette trays that are independently heated in their own compartments.

Used with General Data histology reagents and supplies, and covered with General Data's comprehensive service plans, the TEC-II delivers the highest level of performance and reliability.



Description	Cat. No.
2-Module Dispensing and Cold Plate Console	10119-886

TES 99 Tissue Embedding System, Medite

Thermal Unit with deep paraffin tray (up to 75°C [167°F]) that accepts baskets from customary tissue processors, preheating container temperature up to 70°C (158°F).

Large Cooling Unit with storage space for 110 paraffin blocks or Small Cooling Unit of compact size for space-limited laboratories for up to 80 blocks, made of stainless steel, cools down to -15°C [5°F] (large unit).

Dispensing Unit with paraffin tank of 0.8 gal. (3.5 liters), cold spot and heat protective hand rest.



Description	Cat. No.
Paraffin Dispenser Unit	10768-802
Large Cooling Unit	10768-804
Small Cooling Unit	10768-806

VWR® Embedding Ring

Constructed of precision-molded plastic to ensure uniform tissue blocks for sectioning. Easily oriented to microtome object clamp. Fits all popular base molds including VWR® Disposable Base Molds.

Color	Cat. No.
White	15154-303



Paraplast® Embedding Media, McCormick Scientific

For use as tissue embedding media.

Paraplast®, made of paraffin and plastic polymers, allows clean cuts and minimizes wrinkles for clear, smooth tissue specimens. Compatible with most solvents and staining techniques. Melting point: 56°C (133°F) (ASTM).

Paraplast® Plus is similar to 15159-409 except for the addition of dimethyl sulphoxide (DMSO), which improves rate of tissue infiltration, making it easier to cut difficult or brittle tissues. Melting point is 56°C (133°F) (ASTM).

Made from a unique blend of low molecular weight polymers and paraffin, Paraplast® X-tra has a lower infiltration temperature that eliminates tissue "cooking," which can cause distortion. Lower viscosity permits complete infiltration, and gives exceptional ribbon continuity with flat sections free of compression distortions. Melting point: 50 to 54°C (122 to 129°F) (ASTM).

Packed in 1kg (2.2lbs.) bags of pellets.



Description	Cat. No.
Paraplast®	15159-409
Paraplast® Plus	15159-464
Paraplast® X-tra	15159-486

VWR® Disposable Embedding Rings

Disposable embedding rings fit both shallow and deep base molds. High-impact polystyrene construction ensures accurate positioning of tissue samples. Etched marking surface can be written on for positive sample identification. Rings fit all base molds including VWR® base molds (see 18000-116 series).

Color	Cat. No.
White	18000-272
Pink	18000-274
Green	18000-276
Yellow	18000-278
Blue	18000-280



L15 Paraffin Filtering Automat, Medite

The L15 Paraffin Filtering Automat is designed to melt, filtrate, and recycle fresh and used paraffin. This unique instrument presents multiple advantages for the routine histology laboratory. It serves to avoid the complicated and time-consuming melting of paraffin using Bunsen burners, incubators, or pots, and helps to save space in the laboratory.

As the special filter cartridge retains all residue, even old blocks can be melted down. Adding the same quantity of fresh paraffin, the filtered paraffin obtained can be used again without any significant loss of quality. The large work space below the safety spigot enables easy paraffin dispensing. The unit is made of stainless steel and aluminum, therefore its surfaces are resistant to most solvents.

The operation volume of the paraffin tank is approximately 15 liters so there is always a sufficient amount of melted paraffin ready for use. Consequent application of the paraffin recycling process enables paraffin savings of up to 50%.

Ordering Information: A 115V unit is also available; contact your VWR representative for more information.



Dimensions	390W x 590D x 550H mm
Temperature	Variable from 20 to 90°C
Weight (kg)	19 kg (42 lbs.)

Description	Electrical	Cat. No.
L15 Paraffin Filtering Automat	230V, 50Hz, 650VA	10768-984

Paraffin Dispenser, TBS®

Large reservoir meets the demands of the medium- to high-volume histology laboratories. Features microprocessor control, clear acrylic lid, stainless steel reservoir, and high-position spigot.

Capacity	18.9 L (5 gal.)
Dimensions	53.3H x 35.6W x 38.1D cm (21 x 14 x 15")
Electrical	115V, 60Hz
Temperature range	20 to 65°C (68 to 149°F)
Uniformity	±1°C

Description	Cat. No.
Paraffin Dispenser	15147-906





Paraffin Wax Dispenser, Boekel Scientific

The Boekel Scientific Paraffin Wax Dispenser has a 5 liter (1.25 gallon) capacity and features a stainless steel outer casing for easy cleaning. The heated valve ensures a consistent flow of wax while the inner reservoir screen helps to prevent large particulate from clogging the dispenser valve. The dispenser valve can also be locked in the open position if desired.

The aluminum inner reservoir provides excellent thermal transfer and temperature control to maintain the temperature range of 40°C to 75°C. Melt your wax knowing this unit provides a rapid warm up and includes an advanced safety over-temperature cut-off.

UL/CSA and CE Certified

Dimensions	8.5 x 16"
Electrical	115V, 50/60Hz, 250W
Temperature Range	40°C to 75°C

Description	Capacity	Cat. No.
Paraffin Wax Dispenser	5 L (1.25 gal)	10210-954

Paraffin Repellent Kit, Springside Scientific

The Paraffin Repellent Kit works to prevent wax from sticking to painted surfaces, can be used as an effective mold release, and will clean up wax from instruments and counter tops. All natural and non-toxic. Cucumber melon scented.

Ordering Information: Each kit includes four bottles (4oz. each) and one plastic scraper. Individual bottles are available separately.



Description	Size	Cat. No.
Paraffin Repellent Liquid Bottle	4 oz.	10756-182
Paraffin Repellent Kit	4 x 4 oz.	10756-184

PARA/Gard™ Liquid Paraffin Repellent, TBS®

Liquid spray prevents paraffin from sticking to countertops and equipment, while keeping everything looking brand new. Pleasant smelling and non-toxic, the spray is safe for metal, wood, or plastic surfaces.



Description	Capacity	Cat. No.
Paraffin Wax Dispenser	5 L (1.25 gal)	10210-954



Tissue Marking Dyes (TMD™), TBS®

Ideal for marking margins or for processing multiple specimens in one tissue cassette, these dyes have been reformulated for superior adherence to tissue surfaces. Viscosity allows a thin, even coating of pigment without masking underlying tissue. Quick drying decreases frozen sectioning time and provides excellent readability. Size: 237mL (8oz.).



Color	Cat. No.
Black	15147-923
Blue	15147-925
Yellow	15147-927
Red	15148-228
Green	15148-230
Orange	15148-232

TKF 22 Quick Cool Unit, Medite

The TKF 22 Quick Cool Unit is designed for quick and intense cooling of paraffin blocks or embedding molds during tissue processing or cutting. The cooling tray with a depth of 40 mm is made of stainless steel. This high performance unit cools down to a low of -35°C in very short time. The temperature is continuously adjustable via digital display. Temperature stability is ensured with the use of non-flammable R 404 A.



Description	Dimensions	Temperature Range	Weight	Cat. No.
TKF 22 Quick Cool Unit	40W x 64.5D x 25H cm	-35 to 15°C (-31 to 59°F)	23.5 kg (52 lbs.)	10768-718

Disposable Base Molds, Simport Scientific

These base molds offer the ease and convenience of a disposable mold, yet they are strong enough to be reused. The specially formulated plastic material offers excellent thermal exchange. The molds have a smooth interior finish and rounded corners to facilitate specimen removal. They can be used with any standard cassettes and embedding rings.

Ordering Information: Each case contains two dispenser boxes of 500 base molds.

W x L x H, mm	Cat. No.
7 x 7 x 5	60872-486
15 x 15 x 5	60872-488
24 x 24 x 5	60872-490
30 x 24 x 5	60872-498
37 x 24 x 5	60872-500

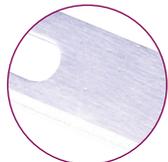




Keep your Research on the Cutting Edge



Blades are supplied in an ejector dispenser pack



Blades fit a standard blade holder



Dispenser pack features storage compartment for safe discard of spent blades

VWR® Premium Disposable Microtome Blades

- Heavy Gauge, High Quality Carbon Steel Construction
- Sections Jump Off Edge Forming Beautiful Ribbons

Designed to fit standard blade holders, premium disposable blades are ideal for all routine and specialty histology applications. Low profile triple-facet blades feature an extra-sharp cutting edge for thinner sections that will cut down to 2µm, and a fluoropolymer resin coating to ensure a consistent cutting edge and increase blade life.

High-profile coated blades are ideal for all routine and specialty histology applications. Sections as thin as 2µm are possible with these blades, and they also feature a fluoropolymer resin coating to ensure a consistent cutting edge and increase blade life. Thick high-profile blades eliminate chattering when sectioning hard specimens. This blade will not bend during cutting, eliminating the thick/thin sectioning problem often found when cutting hard tissue. These blades are ideal for sectioning bone, eyes, and other hard tissue. They are also an outstanding choice for industrial purposes and frozen sections.

Ordering Information: Blades are supplied in an ejector dispenser pack equipped with a storage compartment to safely discard spent blades.

Description	Cat. No.
Low-Profile Blades	
Triple-Facet, Coated	95057-832
High-Profile Blades	
Coated	95057-834
Thick, Uncoated	95057-836

VWR® Razor Blades

Single-edge industrial razor blades are machine-honed from hard carbon steel, then wrapped individually to protect users.

Thickness	Cat. No.
0.22 mm (0.009")	55411-050
0.30 mm (0.012")	55411-055



Tissue-Tek® Accu-Edge® Disposable Microtome Blades, Sakura® Finetek

These ultra-sharp section blades section specimens without striations, distortion or chattering. Low-profile blades fit all Accu-Edge® blade holders for microtomy and cryotomy. High-profile blades are compatible with holders designed for disposable blades 14mm in height. Blades come in dispensers that hold 50 blades and deliver them in seconds, automatically ejecting the used blade.



Description	Cat. No.
High-Profile Blades	25608-961
Low-Profile Blades	25608-964

Richard-Allan Scientific® Edge-Rite® Disposable Microtome Blades, Thermo Scientific

Microtome blades are manufactured from surgical grade steel. Made 20% thicker than traditional blades for increased knife-edge stability, which allows for excellent ribboning and facilitates usage in a cryostat. These blades are specially coated to increase longevity and optimize section quality. The low-profile blades are 80mm in length, 5% longer than other blades, allowing for more sections per blade. Both styles include translucent blade dispensers that feature a used blade receptacle for safe disposal.



Description	Cat. No.
Low-Profile Blades	84000-162
High-Profile Blades	84000-164

Choose VWR VistaVision™ Slides for Superior Sample Presentation

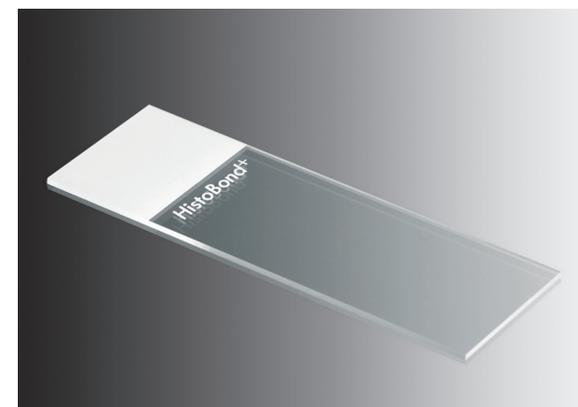
	VWR VistaVision Microscope Slides	VWR VistaVision Histobond Microscope Slides	EverMark Select Microscope Slides, Azer Scientific	AzerMark Microscope Slides, Azer Scientific
Key Characteristics				
Available with Positive Charge		X	X	X
Available without Positive Charge	X		X	X
High Performance Optically Clear Glass	X	X		X
Clipped Corners			X	
Intended for Etched Labeling				X
Available in Different Colors	X	X	X	w
Used for IHC (Immunohistochemistry)		X		X
Suitable for use with Coverglass Machine	X	X	X	X
Printer Compatibility				
Leica IP S				
Sakura AutoWrite® Slide Printer				
Thermo Scientific SlideMate				
Thermo Shandon MicroWriter				
Thermo Shandon Laser MicroWriter				X
TBS SHUR/Mark® Slide Labeler				X

VWR VistaVision™ HistoBond® Adhesive Slides

Ideal for in-situ hybridization. The slide surface is loaded with a permanent positive charge that firmly anchors all types of sections. This treatment prevents the loss of tissue sections or cells to frequent washing, and eliminates the disturbing background effect caused by traditional adhesives. Slides feature color-coated ends.



Size	Thickness	Color	Cat. No.
75 x 25 mm	1 mm	White	16004-406
75 x 25 mm	1 mm	Lilac	16004-408
75 x 25 mm	1 mm	Green	16004-412
75 x 25 mm	1 mm	Yellow	16004-416
75 x 25 mm	1 mm	Aqua	16005-108
75 x 25 mm	1 mm	Blue	16005-110

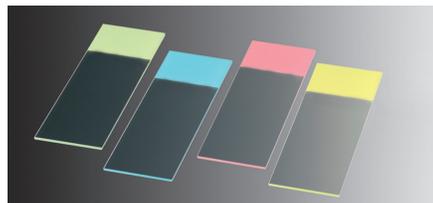




Sectioning

VWR VistaVision™ Color-Coded Microscope Slides

Ultra-thin color frosted end facilitates processing on automated systems. Bright printed colors provide an ideal marking area and enable easy identification. Slide **16004-386** features rounded corners.

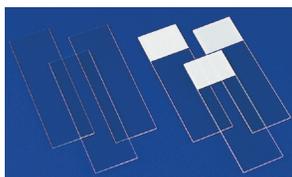


Size	75 x 25 mm
Thickness	1 mm

Color	Cat. No.
White	16004-382
Blue	16004-384
White	16004-386
Yellow	16004-388
Pink	16004-390
Green	16004-392
Aqua	16004-396
Lilac	16004-398

VWR® Plain and Frosted Micro Slides

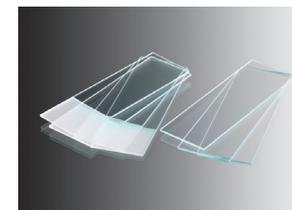
These pre-cleaned slides are made from the highest quality sheet glass. Frosted slides are sandblasted for marking specimens. Frosted slides are sandblasted on one end of one side. Double frosted slides are sandblasted on one end of both sides. Economy slides are made from a lesser-quality sheet glass for greater cost-effectiveness.



L x W	Thickness	Cat. No.
Plain Slides		
75 x 25 mm	1 mm	48300-025
3 x 1"	1 mm	48300-047
Frosted Slides		
75 x 25 mm	1 mm	48312-003
3 x 1"	1.2 mm	48312-013
Plain Economy Slides		
75 x 25 mm	1 mm	48382-171
Frosted Economy Slides		
75 x 25 mm	1 mm	48382-173

VWR VistaVision™ Microscope Slides, Plain and Frosted

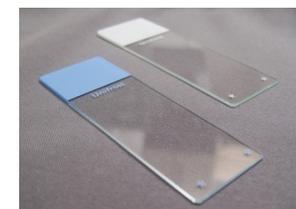
Microscope slides are manufactured of soda-lime glass in accordance with ISO 8037/1 standards. A thorough automatic cleaning process ensures that slides are ready to use without further treatment. Frosted slides feature a fine 20mm frosted marking area.



L x W	Thickness	Cat. No.
Plain Slides		
75 x 25 mm	1 mm	16004-422
75 x 25 mm	1.2 mm	16004-426
3 x 1"	1 mm	16004-430
3 x 1"	1.2 mm	16004-424
Single-End Frosted Slides		
75 x 25 mm	1 mm	16004-368
75 x 25 mm	1.2 mm	16004-372
3 x 1"	1 mm	16005-106
3 x 1"	1.2 mm	16004-370
Double-End Frosted Slides		
75 x 25 mm	1 mm	16004-418
3 x 1"	1 mm	16004-420
3 x 1"	1.2 mm	16005-112

Microscope Frosted Glass Slides, Azer Scientific

These frosted microscope slides are specifically designed for compatibility with Sysmex® systems, they are manufactured from high-quality glass. These slides are pre-cleaned with smooth ground edges and undergo continuous premium quality processing. All slides have single side, color frosted ends which helps to avoid sticking and jamming problems that can occur with other slides. The color frosted end is resistant to all common chemicals that are utilized in the laboratory. Slides feature 45° clipped corners for ease in handling, and two choices of color-coded frosted ends to aid in quick and simple identification.



L x W	Thickness	Color	Cat. No.
75 x 25 mm	1 mm	White	89049-670
75 x 25 mm	1 mm	Blue	89049-672

VWR® Superfrost® Plus Micro Slide

The VWR® Superfrost® Plus Micro Slide features a special treatment that eliminates the need for additional adhesives or protein coatings, and improves tissue adherence in microwave stainings.

Slides are specially treated for frozen tissue sections and cytology preparation applications, eliminating the need for special adhesives and protein coatings. Cytology preparations placed on these slides resist cell loss during enzyme digestion, DNA denaturation, and RNA hybridization. Slides also improve tissue adherence during microwave staining. Color: white.

Slides have an opaque coating that retains most laboratory marking methods.



L x W	Thickness	Color	Cat. No.
75 x 25 mm	1 mm	White	48311-703

VWR® Superfrost® and Colorfrost® Micro Slides

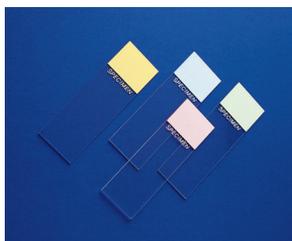
VWR® Superfrost® and Colorfrost® Micro Slides feature brilliant coloring and a coating that accepts and retains laboratory markings better than comparable products.

Slides are frosted and have a brilliant colored, opaque coating. Coating takes and retains most laboratory marking methods better than plain or conventional frosted slides. The coating is impervious to most common laboratory chemicals and reagents. Slides feature a raised printed writing surface that eliminates the need for paper labels and re-labeling of slides.

All slides have the word "SPECIMEN" printed on them, except for the white Premium Superfrost slide, which is unprinted. Premium slides 48311-950 and 48311-702 are made of premium quality sheet glass.

All slides are 75x25mm, except for 48311-655 which is 3x1". All slides are autoclavable.

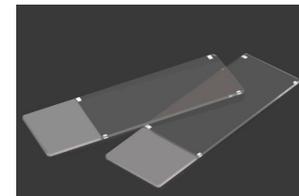
Ordering Information: For additional sizes and thicknesses, contact your VWR sales representative.



Description	L x W	Thickness	Color	Cat. No.
Colorfrost Slides	75 x 25 mm	1 mm	Blue	48312-400
Premium Superfrost Slides	75 x 25 mm	1 mm	Bright White	48311-702
Superfrost Slides	75 x 25 mm	1 mm	White	48311-600

VWR® Frosted Microscope Slide without Tissue Paper

VWR® Frosted Microscope Slides without Tissue Paper are specially designed with consistent and clean surfaces for staining experiments. They are ideal for histology, hematology, and microbiology applications. Slides feature frosted areas on both sides of one end for convenient marking. A fine polished edge and 45° clipped corners promote ease and safety in handling. Slides are packaged 72 per pack, 20 packs per case.



L x W	Thickness	Cat. No.
75 x 25 mm	1 mm	89085-399

AzerMark™ Slides, Azer Scientific

Globe Scientific microscope slides are produced from premium glass sheets and offer exceptional quality while providing considerable savings.

The Diamond™ White Glass Beveled Edge Microscope Slides are offered in bright, attractive colors. They feature Beveled Edges with Clipped Corners and are pre-cleaned and supplied ready for use.

Ordering Information: Slides are packaged 72 per box, 20 boxes per case (10 gross).



Description	L x W	Thickness	Cat. No.
Non-Charged Slides	75 x 25 mm	1 mm	89087-558
Positively Charged Slides	75 x 25 mm	1 mm	89087-560

VWR® Premium Frozen Section Compound

- Water-Soluble Embedding Compound

Frozen section compound is a fast-acting, water-soluble embedding compound designed for use in frozen sectioning. The compound bonds and encapsulates tissue specimens to the object holder for cryosectioning. At a working temperature of -20°C (-4°F), it provides optimal sectioning consistency with minimal section curling. Each bottle features an extended length tip for increased accuracy in dispensing. Highly recommended for surgical pathology laboratories. Available clear or in a light blue format for better visualization of small specimens. Size: 118mL (4oz.).



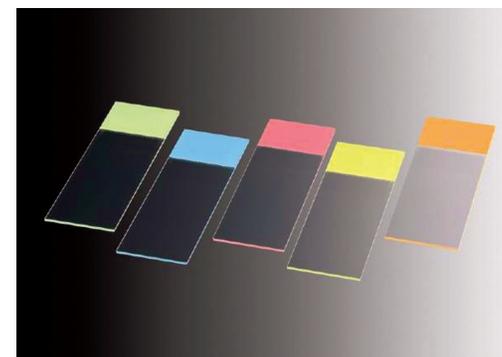
Color	Cat. No.
Clear	95057-838



EverMark Select Microscope Slides, Azer Scientific

Made from high-quality glass, these slides are pre-cleaned with smooth grounded edges. All slides have single-side, color-frosted ends to help avoid sticking and jamming. Frosted finish is resistant to common lab chemicals. Adhesive slides feature a permanent positive charge to firmly anchor all types of specimens to the slide. Slides with clipped corners are approved for use with Leica™, Sakura™, Sysmex™, and other automated instruments.

Description	L x W	Thickness	Color	Cat. No.
Standard Slide	75 x 25 mm	1 mm	White	89033-034
Adhesive Slide	75 x 25 mm	1 mm	White	89033-052
Adhesive Slide with Clipped Corners	75 x 25 mm	1 mm	Aqua	89049-662
Adhesive Slide with Clipped Corners	75 x 25 mm	1 mm	White	89049-652



TOMO® Adhesion Microscope Slides, Matsunami Glass

Matsunami TOMO® hydrophilic adhesion slides offer superior tissue adhesion, staining performance, and slide surface fluidics. Proprietary slide coating ensures consistent performance, even after exposure to heat stress and humid environmental conditions. Recommended for use on Ventana Benchmark staining platform and automated IHC platforms.

Matsunami microscope slides are manufactured in Japan using optically clear, exceptionally flat, low fluorescence glass. The slides are finished with clipped corners.

ISO 13485 Certified. IVD CE Marked.

Ordering Information: Slides are packaged 100 per box, 10 boxes per case (1000 slides).

Description	L x W	Thickness	Color	Cat. No.
TOMO® Adhesion Microscope Slides	75 x 25 mm	1 mm	Blue	10748-172
TOMO® Adhesion Microscope Slides	75 x 25 mm	1 mm	Green	10748-174
TOMO® Adhesion Microscope Slides	75 x 25 mm	1 mm	Pink	10748-170
TOMO® Adhesion Microscope Slides	75 x 25 mm	1 mm	White	10748-166
TOMO® Adhesion Microscope Slides	75 x 25 mm	1 mm	Yellow	10748-168



MAS-GP Hydrophilic Adhesion Microscope Slides, Matsunami Glass

The Matsunami MAS-GP slide surface is treated with a coating that creates a strong adhesive and hydrophilic surface. The hydrophilic surface ensures faster draining of the water between the glass surface and tissue section, thereby minimizing any water trapped when the tissue section is retrieved from a water bath. Reducing or eliminating the trapped water increases the adhesive bond between the tissue section and the microscope glass. The proprietary coating produces a strong positive charge on the slide. Tissue sections having a negative charge are attracted to the surface of the glass. The bond is highly durable to thermal treatment.

Matsunami microscope slides are manufactured in Japan using optically clear, exceptionally flat, low fluorescence glass. They are finished with clipped corners.

Ordering Information: Slides are packaged 100 per box, 10 boxes per case (1000 slides).

Description	L x W	Thickness	Color	Cat. No.
MAS-GP Adhesion Microscope Slides	75 x 25 mm	1 mm	Blue	10748-182
MAS-GP Adhesion Microscope Slides	75 x 25 mm	1 mm	Green	10748-184
MAS-GP Adhesion Microscope Slides	75 x 25 mm	1 mm	Pink	10748-180
MAS-GP Adhesion Microscope Slides	75 x 25 mm	1 mm	White	10748-176
MAS-GP Adhesion Microscope Slides	75 x 25 mm	1 mm	Yellow	10748-178



VWR® Microscope Slide Dispenser

Easy-to-use top-loading dispenser accepts standard 25x75mm (1x3") slides. Turning either right or left side wheel dispenses slides individually. Dispenser holds up to 91 slides. Features a blue finish and a transparent slide containment chamber.



Description	Cat. No.
VWR® Microscope Slide Dispenser	82024-522

Slide Dispenser for 72 Slides, Globe Scientific

The Globe microscope slide dispenser is designed for use with 25 x 75 mm and 3 x 1" microscope slides. To use, simply insert one full box of 72 slides into the holder. Turn the dial to dispense one slide at a time. This convenient dispenser prevents slides from getting dirty, dusty and scratched.



Description	Cat. No.
Slide Dispenser for 72 Slides	89510-754

Leica-Style Cryostat Specimen Chuck Kit, Springside Scientific

This frozen section kit is designed for Leica, IEC, Tanner and other common cryostats.

Ordering Information: Each kit includes 10 specimen chucks in different o-ring colors and three sizes, as well as an angular brush and a teasing needle.



Description	Cat. No.
Specimen Chuck Kit #01	10756-296
Specimen Chuck Kit #02	10756-298

Specimen Chucks, Springside Scientific

- Suitable for Leica, TBS, Tanner, older Avantik and other common cryostats Orientation mark
- Proper tolerance and soft aluminum, won't slip in chuck
- Helps keep track of similar research specimens
- 5-10 different colors, including black/dark purple, blue, green, orange, pink, white, and yellow
- Also available in other colors



Description	Diameter	Cat. No.
Black/Dark Purple O-ring	22 mm	10756-164
Blue O-ring	22 mm	10756-304
Green O-ring	22 mm	10756-166
Pink O-ring	22 mm	10756-210
Red O-ring	22 mm	10756-162
White O-ring	22 mm	10756-308
Yellow O-ring	22 mm	10756-306

Stainless Steel Specimen Chuck Stand, Springside Scientific

This stainless steel stand is used to store chucks both outside and inside the cooling chamber.

This small metal stand fits five specimen chucks up to 55 mm in diameter. Specimen chucks are not included. High quality stainless steel stand is perfect for in-chamber and can be used to expand the internal chuck capacity of the cryostat.



Description	Cat. No.
Chuck Stand	10764-046



HM 300 Series Microtomes, Thermo Scientific®

The manual rotary microtome is a robust instrument that does not require a power supply to provide high-quality paraffin sections. The HM 325 features retraction at the return travel to protect the specimen and manual coarse advance for fast working. Features of the HM 325 include a one-handed zero orientation head, a quick-trim button, section counter, guide-rail guidance for the knife holder, and a large, easy-to-clean waste tray that extends below the knife holder.

This fully automated rotary microtome is designed for all paraffin applications in clinical, research, and industrial laboratories. Ease-of-use, optimal ergonomics, and advanced control capabilities allow users to personalize operations and deliver precise sections repeatedly. Designed to reduce the threat of repetitive motion disorder, the touch-pad control panel is easily placed on the left or right side of the instrument. Additionally, arm rests are integrated into the waste tray for comfort. Specimen direction, duration, and speed are controlled with a single knob. Blade holder levers are also removable to ensure that user settings are maintained by preventing the accidental shifting of parameters. The exceptionally smooth handwheel ensures consistent sections, and is automated for high-volume labs.

A variety of safety features are standard on the unit. Selectable, integrated specimen retraction enhances blade longevity and protects the specimen. A removable cover plate shields the top of the instrument from cuts and stains. The integrated waste tray captures excess paraffin debris to the rear of the blade holder for quick and easy cleaning. To guarantee safe specimen transfer the handwheel brake locks in any position, and the protective blade guard allows operation without exposing a blade edge.

The electronic rotary microtome is an ergonomically designed electronic rotary microtome. It features stepping-motor advance technology which provides superior sectioning results. Designed for precision and stability, it yields quality ribbons even for difficult to cut sections. Applications range from paraffin sectioning in routine and research laboratories to plastic embedded specimens.

It features selectable retraction, specimen advance (specimen moves toward the knife), one-handed zero orientation head, and a menu driven control panel that can be used on either side of instrument. The integrated waste tray captures excess paraffin debris to the rear of the blade holder for quick and easy cleaning. To guarantee safe specimen transfer the hand wheel brake locks in any position and the protective blade guard allows operation without exposing a blade edge.

CE marked. CSA approved.

Ordering Information: The HM 300 series microtomes are supplied with 100 mL PARA/Gard™ paraffin repellent, standard tools, brushed aluminum plate cover, dust cover and instruction manual. Disposable blade holder, universal cassette clamp, and instruction manual. The HM 325 and the HM 340 microtomes alone require the use of blade carrier and cassette clamps for operation that must be ordered separately.



Description	D x W x H	Section Thickness	Trimming Thickness	Vertical Specimen Stroke	Weight	Cat. No.
Manual Rotary Microtomes						
HM 325 Manual Rotary Microtome Package with Clamp and E Blade Carrier	48.2 x 40.6 x 28 cm (19 x 16 x 11")				23 kg (50.7 lbs.)	89219-566
HM 325 Manual Rotary Microtome Package with Clamp and ER Blade Carrier	48.2 x 40.6 x 28 cm (19 x 16 x 11")				23 kg (50.7 lbs.)	89399-950
HM 325 Manual Rotary Microtome Only	48.2 x 40.6 x 28 cm (19 x 16 x 11")				23 kg (50.7 lbs.)	89399-944
Automatic Rotary Microtomes						
HM355S Automatic Rotary Microtome Package with Clamp and E Blade Carrier	52 x 41 x 28 cm (20 1/2 x 16 x 11")	0.5 to 100 µm	5 to 500 µm	5 to 500 µm	35 kg (77 lbs.)	89219-570
HM355S Automatic Rotary Microtome Package, with Clamp and ER Blade Carrier	52 x 41 x 28 cm (20 1/2 x 16 x 11")	0.5 to 100 µm	5 to 500 µm	5 to 500 µm	35 kg (77 lbs.)	89399-954
Electronic Rotary Microtomes						
HM340E Electronic Rotary Microtome Only	52 x 41 x 28 cm (20 1/2 x 16 x 11")	0.5 to 100 µm	5 to 500 µm	5 to 500 µm	28 kg (61.7 lbs.)	89399-946
HM340E Electronic Rotary Microtome Package, with Clamp and E Blade Carrier	52 x 41 x 28 cm (20 1/2 x 16 x 11")	0.5 to 100 µm	5 to 500 µm	5 to 500 µm	28 kg (61.7 lbs.)	89219-568
HM340E Electronic Rotary Microtome Package, with Clamp and ER Blade Carrier	52 x 41 x 28 cm (20 1/2 x 16 x 11")	0.5 to 100 µm	5 to 500 µm	5 to 500 µm	28 kg (61.7 lbs.)	89399-952

A550 Rotary Microtome, Fully Automatic, Medite

The Microtome A550 provides utmost reliability, user benefit and outstanding operator comfort with its high section stability and precision, for highest demands on sectioning paraffin as well as for hard sectioning techniques for biological, medical and industrial use.

The sectioning motor drive allows precise sectioning, ensuring good reproducibility. Another user-friendly feature is the sectioning window. It can be adjusted to the specimen size, while the preselected speed is only applied within the sectioning window.



Dimensions	530L x 430W x 310H mm (including tray)				
Electrical	115V, 60Hz, 450VA				
Description	Section Thickness	Trimming Thickness	Speed	Weight	Cat. No.
Automatic Rotary Microtome A550	1–50 µm	1–500 µm	0–400 mm/s	38 Kg (83 lbs.)	10768-342

M530 Rotary Microtome, Semi-Automatic, Medite

The Microtome M530 to meet the many requirements of clinical and research labs. This goal is achieved by combining high efficiency with ergonomic design and to simplify your work load considerably.

The spaciouly designed and integrated section waste tray is xylene resistant and easy to clean.



Dimensions	53L x 37.7W x 28.1H cm		
Electrical	115V, 60Hz, 350VA		
Weight	34 kg (75 lbs.)		
Description	Section Thickness	Trimming Thickness	Cat. No.
Semi-Automatic Rotary Microtome M530	1–99 µm	1–500 µm	10768-340

SHURCut Microtomes, Triangle Biomedical

SHURCut motorized Microtomes incorporate the latest electronic technology that were engineered to provide the utmost in accuracy, efficiency and precise quality paraffin sections on even the most difficult to cut specimens. SHURCut Microtomes' ergonomic design makes it easy-to-operate thus providing operator safety, efficiency and reliability with quality sectioning.

Designed for high-production laboratory settings, SHURCut Microtomes are a true workhorse that provides reliable performance, precise and efficient cutting, automation and user ergonomics.

SHURCut Microtomes offer innovative electrical, mechanical and software engineering with outstanding control and precision that reduces motion attributed to work-related musculoskeletal disorders. When utilized with General's Data comprehensive line of reagents and consumables, the SHURCut Microtomes maintains the specimen integrity that is crucial for accurate diagnosis.

FCC/CE/TUV Certified

Ordering Information: Includes x/y/z specimen orientation, quick-release clamp, low profile blade holder, foot pedal, sample pack low profile blades, PARAGard, dust cover, brush-set & debris tray.

Dimensions	42 x 55 x 32 cm (17 x 22 x 13")
Electrical	100-120VAC, 50/60Hz, 77W; 220-240VAC, 50/60Hz, 77W
Description	Cat. No.
Fully Automated Retracting Microtome	89238-942





Cryostat A650, Medite

The Cryostat A650 is fully automatic with 24 stations.

The movable window allows full insight into the illuminated cryochamber. The chamber itself reaches temperatures down to -35 °C.

The integrated fully automatic microtome with various setting options within the sectioning range between 0.5 and 100 µm, is operated via ergonomic handwheel.

Ordering Information: UV disinfection, specimen cooling, and fast-freezing stages are available upon request; contact your VWR representative for more information.

Dimensions	68 x 76 x 411 cm
Electrical	115V, 60Hz, 860VA
Temperature Range	-35°C
Weight	154 kg

Description	Cat. No.
Cryostat A650	10768-360

HM 525 NX Cryostats, Thermo Scientific

The Thermo Scientific HM 525 NX series of Cryostats offer exceptional sectioning quality and reliability, an intuitive user interface, and enhanced ergonomics for simple, efficient operation. These units combine the proven operation and reliability of the HM 525 cryostat with the new ergonomics and intuitive interface of the Thermo Scientific NX series of cryostats.

The user-friendly touch screen and icon-driven interface allows intuitive operation of the cryostat and rapid selection and adjustment of functions. A ten-minute specimen fast-freeze operation can be accessed from the menu, and chamber brightness can be adjusted to meet operator needs. Chamber temperature control is available down to -35 °C to accommodate a wide range of specimens. Exceptional sectioning quality is the result of reliable stepper motor technology which delivers reproducible section thickness, and automatic specimen retraction on the return stroke protects the specimen and reduces carryover of artifacts. The efficient, high throughput cryochamber has 27 cooled specimen positions to keep up with heavy workloads, and an integrated peltier cools four fast-freezing stations to -55°C to limit ice crystal formation within the specimen.

The HM 525 NX Cryostats also provide enhanced ergonomics and increased comfort through a light-touch handwheel which requires minimal force to operate. Increased operator safety results from a mechanical handwheel lock which completely immobilizes the specimen head. Additional knee space supports comfortable seated operation, body-contoured armrests improve posture and comfort during periods of prolonged use, and a large, flat top keeps accessories readily available. The stainless steel chamber and smooth surfaces allow for efficient cleaning.

Optional, on-demand UV Disinfection, which provides high-intensity ultraviolet light, can be activated immediately or through scheduled operation. It protects against surface contamination and occupational exposure to biological pathogens. The adjustable disinfection time can be set up to 300 minutes and an alert screen indicates an incomplete or interrupted disinfection cycle.

CSA approved. CE marked. Certificate of Hygiene.

Ordering Information: The HM 525 NX Cryostat includes six specimen stages (30mm), freezing medium (118mL), cryostat oil (118mL), section waste tray, debris brush, sectioning brush, tools and operator guide. All units are supplied with a manufacturer's one-year warranty and service offering. Cryostat Packages, both with or without optional UV Disinfection, include specified Blade Holder (EC or EC70). Non-packaged units (10031-408 and 10031-410) do not include a blade holder.



Dimensions	25"D x 30"W x 45"H (Adjustable Range)
Electrical	115V, 60Hz
Weight	143 kg (315 lbs.)

Description	Cat. No.
HM 525 NX Cryostat Package, with EC Blade Holder	10031-412
HM 525 NX Cryostat Package, with EC70 Blade Holder	10031-414
HM 525 NX Cryostat Package, with UV Disinfection and EC Blade Holder	10031-416
HM 525 NX Cryostat Package, with UV Disinfection and EC70 Blade Holder	10031-418



Hyaline Synthetic Low Temperature Cryostat Lubrication Kit, Springside Scientific

This product is a quality alternative to Leica and is made from the highest quality, low-temperature synthetic lubricants. Low temperature synthetic grease is perfect for mating surfaces of the cutting block, cutting head moving parts or the internal sliding mechanisms within the microtome.

Ordering Information: Kit includes 2 x 1 oz. ultrapure cryostat oil and 2 x 2 oz. brush-on synthetic cryostat grease.

Description	Cat. No.
Metal Box	10764-044

VWR® Tissue Flotation Water Bath

Designed especially for tests and procedures using tissue cultures. Typical use is in the preparation of tissue paraffin sections and the elimination of wrinkles and distortions of the tissue sections.

Round, seamless, sheet aluminum bath is insulated with fiberglass. It features a baked gray enamel exterior and a cover. Bath surface is black ceramic-coated steel, which offers improved visibility of tissue sections. The warm broad edge of the bath is a convenient drying surface for processed slides. Complete with thermostat reference dial and knob, thermometer holder, pilot light, 18-gauge three-wire rubber safety cord and plug, and skid-resistant feet.

Dimensions	Chamber: 21 dia. x 5D cm (8 ¹ / ₄ x 2"), Outside: 28 dia. x 9.2H cm (11 x 3 ⁵ / ₈ "), Rim: 3.2 cm (1 ¹ / ₄ ")
Sensitivity	±1°C

Electrical	Temperature Range	Cat. No.
115V, 50/60Hz, 190W	35 to 65°C (95 to 149°F)	80086-982
230V, 50/60Hz, 190W	35 to 65°C (95 to 149°F)	80086-984

VWR® Illuminated Tissue Flotation Baths

The VWR® Illuminated Tissue Flotation Baths are designed for use in the Histology Lab that is conducting tissue preparation. An LED illuminated black background with a transparent PYREX® dish allows for easy viewing of the sample which can also be removed for easy cleaning. The digital microprocessor control and temperature sensor ensures temperature uniformity while the safety over-temp device provides protection for of the samples. VWR offers both a Premium version and a Standard version of these Tissue Flotation Baths. The Premium version includes both an Orienter Block and a Dryer Block on the back of the unit which assists in the drying and smoothing of slides and specimens.

A compact footprint uses less bench space and the easy to read display can be seen easily through out the lab.

UL/CSA Listed and CE Certified.

Ordering Information: The VWR Illuminated Tissue Flotation Bath is supplied with one PYREX® Dish, Instruction Manual and Power Cord. Each unit comes with a two-year warranty on parts and labor. Additional PYREX® dishes are available for purchase.

Block Temperature	—		
Capacity	1.9 L (2 qt.)		
Dimensions	7W x 11L x 1.7H", dish		
Overall Dimensions	14.25W x 14.25L x 4.5H"		
Shipping Weight	12 lbs.		
Uniformity	+/- 1°C at 55°C		

Description	Electrical	Temperature Range	Cat. No.
Illuminated Tissue Flotation Bath	115V, 50/60Hz, 272W	'Ambient +5°C to 65°C	97043-530
Premium Illuminated Tissue Flotation Bath	115V, 50/60Hz, 272W	'Ambient +5°C to 65°C	97043-534





VWR® Hybridization Bath

Designed for in situ hybridization, slide warming and drying, immuno-histochemistry, FISH, and all single-temperature microscope slide incubation procedures. Bath features a PID controller for easy temperature setting, and exhibits excellent temperature uniformity and stability. Supplied with a tempered glass lid that seals via an integral gasket on the heating base. This device holds up to 30 standard microscope slides, divided into three rows of 10. Slides are easily entered and removed, and are visible throughout usage. The clearance between lid and slide pedestal is 1cm (13/32"). The bath heats up from ambient to 65°C (149°F) in 20 minutes.

Ordering Information: VWR two-year limited parts and labor warranty.



Dimensions	40.6W x 34.9D x 14.6H cm (16 x 13 ³ / ₄ x 5 ³ / ₄ ")
Shipping Weight	10.4 kg (23 lbs.)
Temperature Stability	±0.2°C
Temperature Uniformity	±0.35°C at 37°C, ±0.07°C at 65°C

Electrical	Temperature Range	Cat. No.
115V, 60Hz	5° above ambient to 100°C (212°F)	80086-996

Flotation Work Stations™, Low Profile, TBS®

Equip your lab with a TBS® Flotation Bath and make your tissue preparation easier, safer and more efficient. TBS' Flotation Workstation & Tissue Flotation Baths are now available in low-profile 8 x 8 x 2 1/4" deep dish versions, and, for those labs wanting to float larger ribbons, 8 x 11 x 2" versions are now available.

Imagine the practicality of a removable glass dish, the long-term aesthetics afforded by a scratch and chemical resistant plastic housing, the optimum specimen viewing provided by a high contrast background illuminated by an LED light array and the dependability & safety of up-to-date microprocessor controlled electronics combined with the convenience of a HISTO/Orientator™ for flattening sections and a heated slide dryer all in one compact unit.

For those flotation bath applications not requiring the added convenience of a slide dryer or HISTO/Orientator™, the basic TBS® flotation bath provides all the functional designs of the Flotation Workstation models at an affordable price. Choose from the new 8 x 8 x 2 1/4" design or, for those labs wanting a larger work surface, there is the new 8 x 11 x 2" design.

TUV/CE/FCC certified for 89207-134, 89207-132, 89207-130, 89207-128, 89207-126, 89207-124, 89207-122, and 89207-120.

Ordering Information: Flotation Work Stations™ and Tissue Flotation Baths include removable glass bowl, built-in clock & LED light array.

Dimensions	29.8 x 47.6 x 13.3 cm (11 ³ / ₄ x 18 ³ / ₄ x 5 ¹ / ₄ ")
Electrical	100-120VAC

Description	Cat. No.
Tissue Flotation Bath™, microprocessor controlled w/8" x 8" x 2 1/4" deep dish removable glass bowl, built-in clock & LED light array	89207-120
Tissue Flotation Bath™, microprocessor controlled w/11" x 8" removable glass bowl, built-in clock & LED light array	89207-124
Flotation Work Station™, microprocessor controlled w/removable glass bowl 8" x 8", slide dryer 2" x 5" and tissue orientator 2" x 2"	89207-128
Flotation Work Station™, microprocessor controlled w/11" x 8" removable glass bowl w/ built-in LED light array, 2" x 8" slide dryer and 2" x 2" HISTO/Orientator™	89207-132



TFB 35 Tissue Flotation Baths, Medite

Water bath for flattening out and drying tissue sections in histology, pathology, chemical, clinical and bacteriology laboratories.

The tissue flotation bath provides a rectangular water bath with removable glass tray. Electronic temperature control guarantees an exact temperature regulation and indication by digital display. The large heated stainless steel working area facilitates the handling of section drying. The water surface is dazzle-free illuminated from below by a LED lamp.

Electrical	115V, 60Hz, 250VA
Overall Dimensions	43W x 30D x 9H cm
Weight	7 kg
Working Area	37W x 7.5D cm (drying area)

Description	Bath Capacity	Dimensions	Temperature Range	Cat. No.
Bath with Deep Dish Glass Tray	2.8 L	27W x 16.5D x 8H cm Glass Tray	30 to 55°C	10768-862



TFB 45 Tissue Flotation Bath, Medite

Water bath for flattening out and drying tissue sections in histology, pathology, chemical, clinical and bacteriology laboratories.

Provides a circular water bath with exact mechanical temperature regulation. Its bath well and edge are made of high quality aluminum with black coating. The safe heating system with ceramic ballast resistances avoids overheating and damage even in case of an empty bath.

Electrical	115V, 60Hz, 250VA
Overall Dimensions	30 dia. x 9H cm
Weight	2 kg
ØxH	21 x 5.5 cm (bath well)

Description	Temperature Range	Cat. No.
Tissue Flotation Bath with 45 mm wide Edge	30 to 90°C	10768-872



TFB 55 Tissue Flotation Bath with Extra Wide Rim, Medite

Water bath for flattening out and drying tissue sections in histology, pathology, chemical, clinical and bacteriology laboratories.

The tissue flotation bath provides a circular water bath with exact mechanical temperature regulation. Its bath well and extra wide rim are made of high quality aluminum with black coating. The safe heating system with ceramic ballast resistances avoids overheating and damage even in case of an empty bath.

Electrical	115V, 60Hz, 250VA
Overall Dimensions	34 dia. x 9H cm
Weight	2 kg (approx.)
ØxH	21 x 5.5 cm (bath well)

Description	Temperature Range	Cat. No.
Tissue Flotation Bath with 55 mm wide Edge	30 to 90°C	10768-880





Sectioning

Histo-Orientator™ Hot Plate, TBS®

Removes wrinkles and bubbles from sections. Also useful with cryostat to ensure attachment of frozen sections to the slide, preventing loosening of the tissue during agitation in hand staining.

Dimensions	8.25H x 7W x 12D cm (3 ¹ / ₄ x 2 ³ / ₄ x 4 ³ / ₄ ")
Electrical	120V, 60Hz, 10W
Temperature	65°C (149°F)

Description

Histo-Orientator® Hot Plate

Cat. No.

15148-048

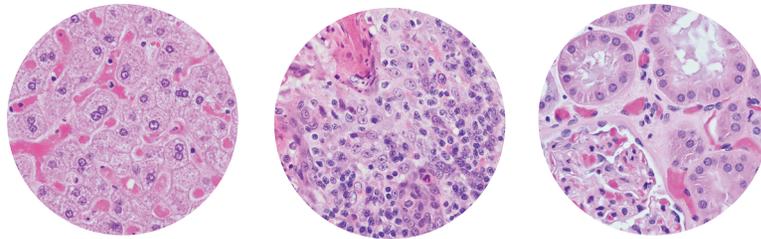


OTS 40, Stretching Tables, Medite

OTS 40 hot plates are for the stretching and drying of tissue sections on slides in histology, pathology and bacteriology laboratories. The OTS 40 stretching table provides constant temperature using a 6 mm thick aluminium working plate with black plastic coating. The OTS 40 offers electronic temperature control, adjustment and indication via digital display. The temperature is reached fast and constantly maintained. An integrated safety cut-out prevents the system from being overheated.

Description	Electrical	W x D x H	Cat. No.
Stretching Table	115V, 60Hz, 300VA	150 x 400 x 80 mm	10768-856
Stretching Table	115V, 60Hz, 550VA	300 x 400 x 80 mm	10768-858

A Vibrant Stain System that Produces Exceptional Detail Every Single Time



VWR Premium Histology Stains, demonstrating exceptional contrast between cellular components.

VWR® Gram Stain Sets and Reagents

Gram Stain Sets include all the necessary solutions to fully differentiate Gram positive and Gram negative specimens.



Description	Size	Cat. No.
Reagents		
Stabilized Iodine	3.8 L (1 gal.)	10143-180
Crystal Violet	3.8 L (1 gal.)	10143-260
Iodine Lugol's Working	3.8 L (1 gal.)	10143-262
Decolorizer	3.8 L (1 gal.)	10143-264
1:1 Decolorizer	3.8 L (1 gal.)	10143-602
Safranin	3.8 L (1 gal.)	10143-604
Replacement Sets		
Crystal Violet Replacement Set	4 x 237 mL (8 oz.)	10143-168
Stabilized Iodine Replacement Set	4 x 237 mL (8 oz.)	10143-170
Decolorizer Replacement Set	4 x 237 mL (8 oz.)	10143-172
1:1 Decolorizer Replacement Set	4 x 237 mL (8 oz.)	10143-174
Safranin Replacement Set	4 x 237 mL (8 oz.)	10143-176
Gram Stain Set	4 x 237 mL (8 oz.)	10143-178
Crystal Violet Replacement Set	4 x 474 mL (16 oz.)	10143-182
Decolorizer Replacement Set	4 x 474 mL (16 oz.)	10143-184
1:1 Decolorizer Replacement Set	4 x 474 mL (16 oz.)	10143-252
Safranin Replacement Set	4 x 474 mL (16 oz.)	10143-254
Stabilized Iodine Replacement Set	4 x 474 mL (16 oz.)	10143-256
Gram Stain Set	4 x 474 mL (16 oz.)	10143-258



VWR® Hematology Stain Sets and Reagents

VWR® brand hematology stain offerings satisfy the needs of laboratory professionals following manual, rapid stain or automated protocols.

Single step stains are offered in Wright's and Wright Giemsa formulations and use deionized water to complete the staining process. Three step stain offering yields results comparable to Wright Giemsa stain with results available as soon as 15 seconds.

Individual stains, reagents and packs have been used in the automated market on the Hema-tek®, Midas®, Sysmex® and Sakura® instruments.

Ordering Information: Hematology stain products are manufactured using dyes certified by the Biological Stain Commission. All products undergo Quality Control evaluation using fresh blood.

Description	Size	Cat. No.
Stain Sets		
Wright Stain Pack for Hema-tek Stainer	Pack	10143-062
Wright Giemsa Stain Pack for Hema-tek Stainer	Pack	10143-064
Three Step Set, Wright Giemsa	3 x 90 mL (3 x 3 oz.)	10143-224
Three Step Set, Wright Giemsa	3 x 474 mL (3 x 16 oz.)	10143-226
Reagents		
Single Step Wright's	474 mL (16 oz.)	10143-066
Single Step Wright's	948 mL (32 oz.)	10143-068
Single Step Wright Giemsa	474 mL (16 oz.)	10143-106
Single Step Wright Giemsa	948 mL (32 oz.)	10143-116
Three Step Fixative	474 mL (16 oz.)	10143-228
Three Step Fixative	3.8 L (1 gal.)	10143-234
Three Step Solution I	474 mL (16 oz.)	10143-230
Three Step Solution I	3.8 L (1 gal.)	10143-236
Three Step Solution II	474 mL (16 oz.)	10143-232
Three Step Solution II	3.8 L (1 gal.)	10143-238
Wright Giemsa Stain	948 mL (32 oz.)	10143-160
Wright Giemsa Stain	3.8 L (1 gal.)	10143-162
Wright's Stain	948 mL (32 oz.)	10143-164
Wright's Stain	3.8 L (1 gal.)	10143-166
Hematology Buffer, pH 6.4	948 mL (32 oz.)	10143-240
Hematology Buffer, pH 6.4	3.8 L (1 gal.)	10143-242
Hematology Buffer, pH 6.8	948 mL (32 oz.)	10143-244
Hematology Buffer, pH 6.8	3.8 L (1 gal.)	10143-246
Hematology Buffer, pH 7.2	3.8 L (1 gal.)	10143-248
Hematology Buffer, pH 7.2	948 mL (32 oz.)	10143-250





VWR® Histology/Cytology Stains

Hematoxylin and Eosin solutions are designed to provide crisp, clear staining of the nucleus and a well defined cytoplasm. Traditional and Gill Hematoxylin formulations are available in both progressive and regressive stains to satisfy the most subjective histology laboratory.

In addition to the multiple offerings of Hematoxylin, Papanicolaou stains are available in the classical EA-36, EA-50, EA-65 and OG-6 formulations. These counterstains are used in both gynecological and non-gynecological controlled cytoplasmic staining.

Ordering Information: All VWR stain solutions are available in multiple sizes and are ready-to-use, requiring no dilution.



Description	Size	Cat. No.
Hematoxylin Harris Mercury Free	474 mL (16 oz.)	10143-606
Hematoxylin Harris Mercury Free	3.8 L (1 gal.)	10143-608
Hematoxylin Harris Mercury Free Acidified	474 mL (16 oz.)	10143-610
Hematoxylin Harris Mercury Free Acidified	3.8 L (1 gal.)	10143-612
Eosin Y 1% Alcoholic	948 mL (32 oz.)	10143-130
Eosin Y 1% Alcoholic	3.8 L (1 gal.)	10143-132
Eosin Y Intensified	948 mL (32 oz.)	10143-134
Eosin Y Intensified	3.8 L (1 gal.)	10143-136
Eosin Phloxine	948 mL (32 oz.)	10143-138
Eosin Phloxine	3.8 L (1 gal.)	10143-140
Hematoxylin Gill 1X	474 mL (16 oz.)	10143-142
Hematoxylin Gill 1X	3.8 L (1 gal.)	10143-144
Hematoxylin Gill 2X	474 mL (16 oz.)	10143-146
Hematoxylin Gill 2X	3.8 L (1 gal.)	10143-148
Hematoxylin Gill 3X	474 mL (16 oz.)	10143-150
Hematoxylin Gill 3X	3.8 L (1 gal.)	10143-152
Papanicolaou Stain EA-36	948 mL (32 oz.)	10143-154
Papanicolaou Stain EA-36	3.8 L (1 gal.)	10143-156
Papanicolaou Stain EA-50	948 mL (32 oz.)	10143-158
Papanicolaou Stain EA-50	3.8 L (1 gal.)	10143-186
Papanicolaou Stain EA-65	948 mL (32 oz.)	10143-188
Papanicolaou Stain EA-65	3.8 L (1 gal.)	10143-190
Papanicolaou Stain EASY PAP	948 mL (32 oz.)	10143-192
Papanicolaou Stain EASY PAP	3.8 L (1 gal.)	10143-614
Papanicolaou Stain OG-6	948 mL (32 oz.)	10143-616
Papanicolaou Stain OG-6	3.8 L (1 gal.)	10143-618
Papanicolaou Stain Gill EA Modified	3.8 L (1 gal.)	10143-620

VWR® Micro Slide Staining Rack

This stainless steel staining rack is designed for use across laboratory sinks of various sizes. Triangular slide supporting rods have a tapered top, and contact the slides only in a narrow zone. Rack is simply and quickly adjustable to fit sinks up to 53.4cm (21") inside dimensions.

Description

Micro Slide Staining Rack

Cat. No.

15153-821



StainTray™ Slide Staining System, Simport Scientific

The StainTray™ slide staining system is a lightweight, user-friendly device designed to suit a wide variety of laboratory applications. It is versatile enough to accommodate routine staining requiring a humidity chamber, as well as hematology, cytology, and microbiology applications.

The system has a black base constructed of durable ABS plastic. Four rubber feet ensure base stability and allow for stackable, space-saving storage. The staining chamber will accept 10 or 20 slides on four plastic rails covered with a polymer strip. The slides are securely fitted and held intact even if the tray is handled at an angle. The chamber's contents are thoroughly secure and manipulation is easily conducted with one hand.

When humidity is needed, wells between rails will hold water securely without splashing. Rails are raised to prevent water from coming into contact with slides and to ensure that slides are easily retrievable. The base will also hold excess stain solution dripping from the slides. A drain plug can be removed to facilitate emptying of StainTray™ system.

Two covers are available for use with the system. The clear lid allows for visual examination. Clear lids are made of PETG and can be used within a temperature range of -20 to 60°C (-4 to 140°F). The black lid is designed for use in fluorescent work. Black lids are made of ABS plastic and can be used within a temperature range of -80 to 80°C (-112 to 176°F).



Description

StainTray™ Systems for 20 Slides with Base with Clear Cover
 StainTray™ Systems for 20 Slides with Base with Black Cover
 StainTray™ Systems for 10 Slides with Base with Clear Cover
 StainTray™ Systems for 10 Slides with Base with Black Cover

Cat. No.

87000-134
 87000-136
 97000-382
 97000-384

Accessories

Description

Replacement Clear Cover for 20-Slide Base
 Replacement Black Cover for 20-Slide Base
 Replacement Clear Cover for 10-Slide Base
 Replacement Black Cover for 10-Slide Base

Cat. No.

87000-138
 87000-140
 97000-386
 97000-388



EasyDip™ Slide Staining System, Simport Scientific

The EasyDip™ slide staining system consists of a square staining jar and a 12-position vertical slide rack. Ideal for special stains, frozen sections, and microwave oven processes, the system is easy to clean and autoclavable. The slide staining jars have a wide, stable base for greater stability while the recessed interior allows for a smaller reagent volume of 80mL. Jars are constructed of break-resistant acetal polymer, and are resistant to most staining agents including alcohol and xylene, but not phenol.

Jars can be loosely joined to each other laterally to maintain order in the laboratory. Additionally, jars are available in five different colors to assist in identifying contents or applications.

The slide staining rack holds up to 12 microscope slides of varying dimensions. Slides fit into individual slots for free passage and rapid drainage of staining fluids. Due to their vertical insertion within the rack, the slides writing area will not be stained by the fluid, allowing the slides to be removed without the use of forceps.

The staining rack is also constructed of acetal polymer and is specially formulated for rapid drying in a microwave oven, or at temperatures up to 120°C (248°F). The lid completely covers the EasyDip™ slide staining jar to minimize spills or evaporation. A handle is permanently attached to the rack for easy insertion and removal.

Ordering Information: The staining jars and staining rack are sold separately, except for the Assorted Kit which contains one jar of each color (blue, green, pink, white and yellow) and a rack. In addition, the EasyDip Aluminum Holder is designed to hold six EasyDip slide staining jars. Measures 425 x 102 x 38 mm (16-3/4 x 4 x 1-1/2"). For convenience, we offer the EasyDip Kit with Rack.



Description	Color	Cat. No.
EasyDip™ Slide Staining Jars	Blue	87000-120
EasyDip™ Slide Staining Jars	Green	87000-122
EasyDip™ Slide Staining Jars	Pink	87000-124
EasyDip™ Slide Staining Jars	White	87000-126
EasyDip™ Slide Staining Jars	Yellow	87000-128
EasyDip™ Slide Staining Jars	Assorted	87000-130
EasyDip™ Slide Staining Rack	Dark Gray	87000-132
EasyDip™ Kit with Rack	Assorted	10154-052
EasyDip™ Aluminum 6-Place Holder	Aluminum	490010-317

SHURStain Manual Slide Stainers, Triangle Biomedical

The SHURStain™ Manual Stainers utilizes customizable manual stainer racks that are designed for the needs of today's lab - where increased reliability, efficiency, throughput, accuracy and safety are all critical factors for delivering the highest quality care to your patients.

These modular stainers enable you to select the number of individual staining positions necessary to meet your histology, cytology, dermatology, immunohistochemical, hematology, microbiology or special staining application. They are produced in 3, 6 and 12 well configurations, and multiple units can be interlocked back-to-back to increase staining volume capabilities. Sliding lids keep stains and reagents covered when not in active use, preventing unwanted evaporation.

The various well configurations allow any style it to easily set on top of croystats to perform staining on frozen sections. Each SHURStain™ rack comes with a supply of replaceable documentation strips to record reagent brand, lot #, date changed, etc. The number of data positions is proportional to the number of wells. Digital Timer comes with bracket attachment, which provides countdown, built-in memory, loud alarm and large display.

includes 2ea (SS-WLW), 1ea (SS-WLG), 1ea (SS-SRG-24), includes 4ea (SS-WLW), 2ea (SS-WLG), 1ea (SS-SRG-24), includes 8ea (SS-WLW), 4ea (SS-WLG), 1ea (SS-SRG-24).



Description	Cat. No.
Manual Stainer Rack, 12 position	89238-898

VWR® Staining Jar with Cover, Hellendhal Type

This tapered jar is made of optically clear PMP (polymethylpentene). It holds standard 76x26mm (3x1") slides vertically. Eight grooves accommodate 16 slides back to back. Supplied with PMP cover. Xylene can cause etching after two days at room temperature.

Bottom Width	5.4 cm (2 ¹ / ₈ "
Height	8.6 cm (3 ³ / ₈ "
Top Width	5.8 cm (2 ⁹ / ₃₂ "

Description	Cat. No.
Staining Jar with Cover	25460-907



SCIENCEWARE®, Coplin Staining Jar, Bel-Art

This polypropylene staining jar improves on the classic tapered square design with a larger opening for easier placement and removal of slides. The polypropylene screw cap is 53mm in diameter. It has a flat top, easy-grip large knurled edge, deep thread, and a seal ring to prevent leaks. Five internal slots hold up to 10 standard 25x75mm or 1x3" slides back to back. Jar is steam autoclavable at 121°C (250°F). Remove cap when autoclaving.

Dimensions	Cat. No.
5.9 Dia. x 11.4 H cm (2 ² / ₁₆ x 4 ¹ / ₂ "	47751-792



Coplin Staining Jars with Screw Cap, Wheaton

Heavy, clear soda-lime glass jars have a standard screw threaded neck and a linerless white polypropylene cap that reduces solvent evaporation and spills during storage. Wide, flat, rectangular base facilitates manipulation of sections attached to slides. Screw cap permits sealing jar for preservation and minimum loss through evaporation. The smaller jar holds ten 75x25mm (3x1") slides, which extend above the opening allowing for manipulation without forceps. The larger jar holds five 75x25mm (3x1") slides vertically or 10 slides back-to-back.

Capacity	Dimensions	Cat. No.
55 mL (1.9 oz.)	26 L x 26 W x 70 D mm (1 x 1 x 2 ³ / ₄ "	25456-965
60 mL (2 oz.)	26 L x 26 W x 90 D mm (1 x 1 x 3 ¹ / ₂ "	25457-006



Accessories	Cat. No.
Replacement Caps	14231-316



VWR® Absorbent Pads

- Strong, Highly-Absorbent, and Lint-Free
- Efficient Alternative to Paper Towels and Gauze

Designed to soak up liquids, oils, and common solvents, absorbent pads provide an excellent alternative to paper towels and gauze. Pads exhibit a cloth-like softness with no loose threads or fibers, making them ideal for use in coverslipping, slide preparation, and general laboratory cleanup. Available in two sizes, with the larger format individually folded for convenience.

W x L	Cat. No.
30.5 x 30.5 cm (12 x 12")	95057-860
15.2 x 15.2 cm (6 x 6")	95057-862



Gemini AS Automated Slide Stainer, Thermo Scientific

The Thermo Scientific Gemini AS Automated Slide Stainer brings state-of-the-art electronics, software, and mechanical design to the popular Gemini series of stainers. Its intuitive graphical touch screen makes training new users fast and simple. The intelligent operation maximizes throughput by allowing multiple racks to be stained seamlessly. The Gemini AS contains enough reagent stations to handle multiple stain protocols at the same time, and five heated stations to eliminate offline ovens. All of these features are contained within the smallest footprint of any full-function stainer, allowing a comfortable and convenient fit for maximum efficiency in any laboratory.

The Gemini AS has a clear and easy-to-use graphical interface. Current position and estimated end time are available at a glance for all in-process racks. With one touch the usage and status of any reagent can be instantly verified. Intelligent Optimization means control software that automatically arranges reagent positions to maximize speed and reagent lifetime. Duplicate reagents are assigned automatically according to expected usage, minimizing down time typically required to replace reagents.

With integrated monitor and power supply, the Gemini AS will fit where others cannot to achieve the ultimate in lean workflow sequencing. With six running water stations and 26 reagent stations it can run multiple protocols, processing up to twelve slide racks simultaneously. Built-in safety features include battery back-up to protect valuable samples, and fume control to protect users. Internal LED lighting provides better visibility of the staining area for trouble-free reagent replacement. Unit weight is 87kg (192lbs.).

Designed to meet IEC61010. CSA approved. UL listed. CE marked (IVDD compliant).

Ordering Information: Available with or without five independently heated positions for drying slides. Each Slide Stainer includes charcoal filter, staining basket and carrier (two packs of five each), three-well water station (two fitted), pack of six single pot covers, pack of four multi-pot covers, 2.5m (8') long water inlet hose, Cytology stainer (without heat), 35 stain pots supplied and fitted, Histology stainer (with heat), 30 stain pots supplied and fitted, pack of three spare staining pots, operator manual (specify language), and service record book.



Description	Electrical	Dimensions	Cat. No.
Gemini AS Slide Stainer, with 5 Heated Stations	100–240V, 50/60Hz, 300A	790D x 720W x 893H mm (31 x 28 x 35")	89499-270
Gemini AS Slide Stainer, Unheated	100–240V, 50/60Hz, 300A	790D x 720W x 893H mm (31 x 28 x 35")	89499-272

TST 44 Programmable Automated Slide Stainer, Medite

The programmable continuous slide stainer TST 44 offers up to twelve parallel operating staining programs. Each unit acts as an “assembly-line worker” for routine staining protocols frequently needed in histology and cytology laboratories. The unique Reagent Management System (RMS) ensures high quality samples and helps to reduce consumption and costs.

Outstanding features allow the TST 44 to process up to 500 slides per hour, considerably decreasing the time required for this routine work in the laboratory. Up to twelve baskets, with thirty slides each, can be processed at the same time following identical or different staining protocols.

The TST 44 features thirty staining stations, six watering stations, and two drying stations. The slide stainer can store up to twenty staining protocols with up to forty program steps. A patented drip collection technology serves to avoid carryover of solvents.



Application time	1 sec. to 59 min.
Available stations	44
Stain vessel capacity	360 mL
W x D x H	121 x 67 x 64 cm
Weight (kg)	115 kg

Description	Electrical	Includes	Cat. No.
Standard Model	115V, 60Hz, 100VA	4 Loading and Unloading Stations, 6 Water Stations, and 30 Staining Stations	10768-208
Slide Stainer with Drying Chamber	115V, 60 Hz, 1200VA	4 Loading and Unloading Stations, 4 Water Stations, 2 Drying Stations and 30 Staining Stations	10768-210
Slide Stainer with Transfer Station	115V, 60Hz, 100VA	4 Loading and 4 Unloading Stations, 1 Transfer Station, 6 Water Stations, and 30 Staining Stations	10768-212
Slide Stainer with Drying Chamber and Transfer Station	115V, 60Hz, 1200 VA	4 Loading and 4 Unloading Stations, 1 Transfer Station, 4 Water Stations, 2 Drying Stations, and 30 Staining Stations	10768-214
Slide Stainer with Modification Kit for Transfer Station	115V, 60Hz, 100VA	4 Loading and 4 Unloading Stations, 1 Transfer Station, 6 Water Stations, and 30 Staining Stations	10768-216
Slide Stainer with Drying Chamber and Modification Kit for Transfer Station	115V, 60Hz, 1200VA	4 Loading and 4 Unloading Stations, 1 Transfer Station, 4 Water Stations, 2 Drying Stations and 30 Staining Stations	10768-218

COT 20 Continuous Linear Slide Stainer, Medite

The COT 20 offers great flexibility to laboratories where slides have to be stained continuously. The Continuous Linear Slide Stainer is designed to meet the ambitious requirements of high throughput staining in histology and cytology laboratories. Up to twenty-seven staining stations and generous staining troughs (250mL each) ensure high durability with solutions and provide a variety of programming options. The automatic drain cycle (adjustable between 1 and 30 seconds) reduces solvent carry-over. An agitation option provides better solvent distribution on the slides. This feature can be switched off to prevent sections of sensitive specimens from detaching from the slides.

The working plate integrates two storage containers for 10 baskets each. The COT 20 Continuous Linear Slide Stainer is compatible with all common staining baskets on the market, and is therefore easy to integrate into existing lab environments. Staining time is adjustable from 20 seconds to 12 minutes and is the same for every bath. The flexibility of these staining units enables a large number of variations, the use of all common staining solutions and intermedia, and the application of all staining procedures used in histology and cytology routines. To protect user and environment, the stainer is equipped with a fume extraction system with two ventilators. For laboratories, where it is not possible to connect the stainer to a central exhaust facility, a charcoal filter unit can be installed to clean fumes.



Description	Cat. No.
Continuous Linear Slide Stainer, Standard Model with Open Side Panels	10768-258
Continuous Linear Slide Stainer, Closed Model with Closed Side Panels	10768-260
Continuous Linear Slide Stainer, Closed Model with Integrated Charcoal Filter	10768-262

Acid Fast Bacillus Stainer, GG&B Company

AFB-0010 can process 8-10 specimen slides in the time it takes to do one (1) slide by the conventional manual method. Pre-fix your slide, touch keypad, place slide in chamber, select stain; that's it. The AFB-0010 does the rest. Once staining is complete, remove the slide, wipe the back side, dry and then view. The AFB-0010 uses fresh reagent on each specimen, cleans the chamber after each test and requires no daily maintenance. Our automated process eliminates large volumes of reagent fluids going down the sink. You may place this machine and the reagent pack next to your microscope to expedite and improve lab efficiency.

c-UL

Ordering Information: For use on the QS-AFB Acid Fast Stainer. GG&B recommends a tubing change at least once annually. The kit consists of clear tubing with each tube labeled for easy identification, (4) orange pump tubes, tubing elbows, stainless steel cannulas, and wire ties to secure tubing to the unit. Tubing can be installed in just a few minutes. Acid Fast Stain Control Slides have been prepared for use for staining with Modified Auramine O on QS-AFB-0010. Acid fast control slides are intended for QC of stains used for routine staining of sputum and body fluids for Mycobacterium tuberculosis. Each slide contains a positive control Mycobacteria tuberculosis and a negative acid fast control. The distribution of the background material have been made to simulate a patient's specimen. 50 qty slides.



Environmentally Preferable Attribute	Product and/or packaging is safer to human and environmental health, Product and/or packaging is recyclable or reduces waste, Product and/or packaging contains recycled/renewable content
Humidity	0 to 95% without condensation
Operating Temperature	Ambient 16 to 32°C (60 to 90°F)
Power Requirements	Input 100-240V, 50/60HZ (International Power Converter Available)

Description	Cat. No.
Acid Fast Bacillus Stainer	10769-244

Accessories	
Description	Cat. No.
Replacement Tubing Kit	10769-246
Stain Pack	10769-248
QC (Control) Slides	10769-250



QuickSlide Plus II Stainer, GG&B Company

The QuickSlide Plus II stainer represents a significant advancement in automated slide staining and is a valuable addition to any laboratory, whether it is the primary stainer used by small hospitals, physicians labs, stat labs, or used as a stat/backup instrument in larger labs. The QuickSlide Plus II can also be utilized in veterinarian labs for a variety of biological specimens.

c-UL

Ordering Information: For use on the QuickSlide Plus II Hematology Stainer. GG&B recommends a tubing change at least once annually. The kit consists of labeled tubing, (4) Orange pump tubes, reagent cannulas, check valves, tubing elbows and the wire ties to secure the tubing to the unit. Tubing can be installed in just a few minutes.



Environmentally Preferable Attribute	Product and/or packaging is safer to human and environmental health, Product and/or packaging is recyclable or reduces waste, Product and/or packaging contains recycled/renewable content
Humidity	0 to 95% without condensation
Operating Temperature	Ambient 16 to 32°C (60 to 90°F)
Power Requirements	Input 100-240V, 50/60HZ (International Power Converter Available)

Description	Cat. No.
Quickslide Plus II Stainer	10769-252

Accessories		Cat. No.
Description		
Replacement Tubing Kit		10769-256
Stain Pack		10769-258

Control Slides, Azer Scientific

Control slides are designed for use in monitoring stain performance in the Pathology lab. All slides feature a permanent positive charge that securely anchors all types of sections, improving the quality of preparations and readability.



Description	L x W	Cat. No.
Fungi-GMS	75 x 25 mm	95042-302
Fungi-PAS	75 x 25 mm	95042-300
Iron	75 x 25 mm	95042-310

SHUR/Mark® Slide Labeler, TBS®

For efficient sequential feeding, printing, collating, and dispensing of slides. The slide labeler utilizes a diamond-tipped stylus to etch up to four lines on COLORMARK® slides.

Ordering Information: Slide labeler includes two 72-capacity dispensing hoppers, two 72-capacity collection hoppers, one pack of diamond styluses, an RS-232 cable, Advanced Software, and an instruction manual. Additional software is available separately. Choose Super Software for network/LIS communication or Protocol Software for batch processing. Contact your VWR representative for more information.



Electrical	L x D x H	Shipping Weight	Cat. No.
115V, 60Hz	24.8 x 33 x 43.2 cm (9 ⁷ / ₄ x 13 x 17")	7.7 kg (17 lbs.)	15147-918



TAZ 19 Benchtop Fume Absorbers, Medite

Used for coverslipping and in preparation of histological and pathological material as well as for the decanting of solvents.

With down-draught extraction and indication of filter saturation by means of a working hours counter for optimum user protection against odor and fume contamination. Fully portable for use anywhere in the laboratory. The removable stainless steel working plate facilitates cleaning.

Electrical	115V, 60Hz, 160VA
W x D x H	48.5 x 62 x 40.5 cm
Weight	20 kg

Description	Cat. No.
Fume Absorber with Filter Casing and one Package of Charcoal for Xylene	10768-882
Fume Absorber with Filter Casing and one Package of Special Absorption Material for Formaldehyde	10768-884
Fume Absorber for access to existing External Exhaust Connection	10768-886



SlideMate™ Slide Printer, Thermo Scientific

This compact, portable slide printer provides on-demand slide printing, streamlining workflow and increasing the accuracy of identification. The unit's small footprint enables convenient placement within the lab, and allows users to print accurate information at the moment a slide is required. To further enhance productivity, users can select the number of slides to print per case. Slides are held within the unit's side door to protect against dust or similar environmental contamination. The high-quality printing is resistant to harsh chemicals.

Flexible data input methods ensure easy integration into the workplace. The unit prints directly onto the slide, eliminating the need for labels or hand-writing. The printer utilizes a 2.5cm (1") wide thermal transfer ribbon, which will label approximately 12,000 slides. It accepts standard 25x76mm (1x3") slides. Unit throughput is 3–6 slides per minute.

Ordering Information: Complete system includes printer, all-in-one PC, digital imager, LabWriter Basic software, and box of slides.

Capacity	150 Pieces (Input); 10 Pieces (Output)
Color	Gray
Electrical	100 - 240V, 47/63 Hz, 1.2A
W x D	15.2 x 26.4 cm (6 x 10.4")
Weight	4.3 kg (9.5 lbs.)

Description	Cat. No.
SlideMate Printer, Premium Package with 15" PC (Desktop) Stand	89218-866



Hareta Replacement Slide Hot Foil Tape, Springside Scientific

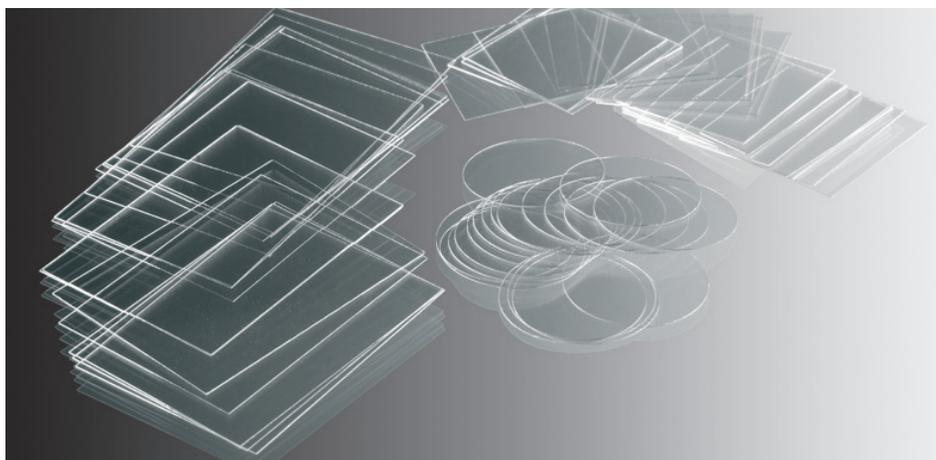
This tape is used for automated slide printing and designed for use on Thermo SlideMate printers to replace the expensive tape currently offered by the OEM.

Prints up to 12,000 slides per roll. Will not fade, even in the harshest processing environments, including alcohols and xylene. A direct replacement for the original OEM tape.

Ordering Information: Each roll is 25 mm x 300 m in length and is a long lasting, standard sized 984' roll.

Dimensions	Packaging	Cat. No.
25 mm x 300 m	Round Metal Box	10756-188





VWR VistaVision™ Cover Glasses, No. 1

Microscope cover glasses are made of pure white borosilicate glass with excellent chemical resistance and flatness, and are free of bubbles and scratches. Under ultraviolet light, they emit no disturbing self-fluorescence. Suitable for use in coverslippers. Manufactured in accordance with DIN ISO 8255-1.

Ordering Information: Circular and square cover glasses are supplied 100 per two-part box; rectangular cover glasses are supplied 100 per hinged boxes.

Refractive Index	1.525±0.0015 ne
Thickness	0.13–0.16 mm

Diameter	L x W	Cat. No.
Circular		
18 mm (²³ / ₃₂ "		16004-300
22 mm (⁷ / ₈ "		16004-338
25 mm (1"		16004-310
Square		
	18 x 18 mm (²³ / ₃₂ x ²³ / ₃₂ "	16004-308
	22 x 22 mm (⁷ / ₈ x ⁷ / ₈ "	16004-094
	25 x 25 mm (1 x 1"	16004-328
Rectangular		
	22 x 30 mm (⁷ / ₈ x 1 ³ / ₁₆ "	16004-332
	22 x 40 mm (⁷ / ₈ x 1 ⁹ / ₃₂ "	16004-318
	22 x 50 mm (⁷ / ₈ x 2"	16004-314
	22 x 60 mm (⁷ / ₈ x 2 ³ / ₈ "	16004-330
	24 x 30 mm (³¹ / ₃₂ x 1 ³ / ₁₆ "	16004-346
	24 x 40 mm (³¹ / ₃₂ x 1 ⁹ / ₃₂ "	16004-306
	24 x 50 mm (³¹ / ₃₂ x 2"	16004-098
	24 x 60 mm (³¹ / ₃₂ x 2 ³ / ₈ "	16004-096



VWR VistaVision™ Cover Glasses, No. 1 1/2

Microscope cover glasses are made of pure white borosilicate glass with excellent chemical resistance and flatness and are free of bubbles and scratches. Under ultraviolet light, they emit no disturbing self-fluorescence. Suitable for use in coverslippers. Manufactured in accordance with DIN ISO 8255-1.

Ordering Information: Square and rectangular cover glasses are supplied 1 oz. per two-part box; rectangular cover glasses are supplied 1 oz. per hinged boxes.

Refractive Index	1.525±0.0015 ne
Thickness	0.16–0.19 mm

L x W	Cat. No.
Square	
18 x 18 mm (²³ / ₃₂ x ²³ / ₃₂ "	16004-326
22 x 22 mm (⁷ / ₈ x ⁷ / ₈ "	16004-302
Rectangular	
22 x 30 mm (⁷ / ₈ x 1 ³ / ₁₆ "	16004-344
22 x 40 mm (⁷ / ₈ x 1 ⁹ / ₃₂ "	16004-348
22 x 50 mm (⁷ / ₈ x 2"	16004-336
22 x 60 mm (⁷ / ₈ x 2 ³ / ₈ "	16004-350
24 x 40 mm (³¹ / ₃₂ x 1 ⁹ / ₃₂ "	16004-340
24 x 50 mm (³¹ / ₃₂ x 2"	16004-322
24 x 60 mm (³¹ / ₃₂ x 2 ³ / ₈ "	16004-312



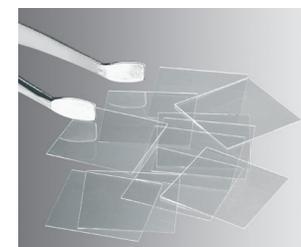
VWR VistaVision™ Cover Glasses, No. 2

Microscope cover glasses are made of pure white borosilicate glass with excellent chemical resistance and flatness and are free of bubbles and scratches. Under ultraviolet light, they emit no disturbing self-fluorescence. Suitable for use in coverslippers. Manufactured in accordance with DIN ISO 8255-1.

Ordering Information: Square and circular cover glasses are supplied 1 oz. per two-part box.

Refractive Index	1.525±0.0015 ne
Thickness	0.19–0.23 mm

Diameter	L x W	Cat. No.
Square		
	18 x 18 mm (²³ / ₃₂ x ²³ / ₃₂ "	16004-316
	22 x 22 mm (⁷ / ₈ x ⁷ / ₈ "	16004-304
	25 x 25 mm (1 x 1"	16004-334
Circular		
	18 mm (²³ / ₃₂ "	16004-324
	22 mm (⁷ / ₈ "	16004-342
	25 mm (1"	16004-320

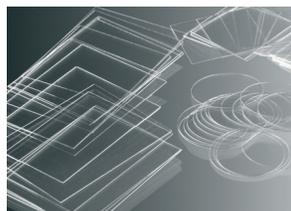


VWR® Cover Glasses, No. 3

Microscope cover glasses are made of pure white borosilicate glass, with excellent chemical resistance and flatness. Thickness No. 3 cover glass is ideal for applications requiring a thickness of 0.25 to 0.35 mm.

Ordering Information: Cover glasses are packaged 2 oz. per pack, with 10 packs per case.

L x W	Thickness	Cat. No.
24 x 60 mm	No. 3	10128-192



VWR® Micro Cover Glasses, Square, No.1

VWR® Micro Cover Glasses are square, corrosion-resistant, and uniformly thick and flat.

No. 1 thickness is 0.13 to 0.17mm.

Ordering Information: Packaged 1oz. per plastic box.

L x W	Cat. No.
18 x 18 mm (²³ / ₃₂ x ²³ / ₃₂ "	48366-045
22 x 22 mm (⁷ / ₈ x ⁷ / ₈ "	48366-067



VWR® Micro Cover Glasses, Round, No. 2

These microscope cover glasses are corrosion-resistant and uniformly thin and flat. The processing techniques result in superior cleanliness. Cover glasses are free from bubbles, scratches, and striations. Thickness: 0.17–0.25mm.

Ordering Information: Packaged 1oz. per plastic box.

Diameter	Cat. No.
12 mm (¹⁵ / ₃₂ "	89015-724



VWR® Micro Cover Glasses, Rectangular

These micro cover glasses are made from the best quality glass. Each set of numbered slides is uniform in size and thickness. The No. 1 slides are 0.13 to 0.17 mm in thickness. The No. 1 1/2 slides are 0.16 to 0.19 mm in thickness. The No. 2 slides are 2.0 mm in thickness.

Ordering Information: Slides are packed 1 oz. per box.

L x W	Cat. No.
No. 1 Slides	
24 x 40 mm (²¹ / ₃₂ x ¹⁹ / ₃₂ "	48393-060
24 x 50 mm (²¹ / ₃₂ x 2"	48393-081
24 x 60 mm (²¹ / ₃₂ x 2 ³ / ₈ "	48393-106



NEO Micro Cover Glass, No.1, Rectangular, Matsunami Glass

Matsunami Glass is a pioneer in the development of cover glass, and widely recognized as the standard for quality and flatness. Matsunami Micro Cover Glass are manufactured from the highest grade of glass on a fully automated production line to ensure consistency.

When working with an automated coverslipper a great deal of stress is applied to the cover glass by the feeding mechanism. NEO Micro Cover Glass can withstand twice the bending stress of competitor products.

Some cover glass tend to stick together in hot, humid conditions. NEO Micro Cover Glass has been specially treated with a coating to prevent sticking. This coating does not interfere with optical transmission.

Mounting media spreads evenly and remains intact for long term storage. NEO Micro Cover Glass are tested under severe environmental conditions to ensure they do not peel off after the mounting media hardens and the samples are stored for long periods.

Ordering Information: NEO Micro Cover Glass are packaged 200 pieces per box, 1000 pieces per case.



Description	L x W	Thickness	Packaging	Cat. No.
NEO Micro Cover Glass	24 x 40 mm	No.1 (0.12–0.17 mm)	80 pcs./oz.	10748-186
NEO Micro Cover Glass	24 x 50 mm	No.1 (0.12–0.17 mm)	67 pcs./oz.	10748-188
NEO Micro Cover Glass	24 x 60 mm	No.1 (0.12–0.17 mm)	54 pcs./oz.	10748-190

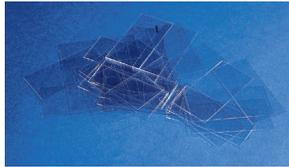


Coverslipping

VWR® SuperSlips™ Micro Cover Glasses, Rectangular, No. 1

These cover glasses are corrosion-resistant and uniformly thin and flat. The processing techniques result in superior cleanliness. Superslip coverslips combine specialized production methods with moisture-resistant packaging to prevent sticking. Suitable for applications in humid environments. Thickness: 0.13 to 0.17mm. Supplied in 1 oz. increments.

L x W	Cat. No.
24 x 40 mm (1 x 1 ¹⁹ / ₃₂ "	48404-456
24 x 50 mm (1 x 2")	48404-452
24 x 60 mm (1 x 2 ³ / ₈ "	48404-454



VWR® Micro Slides and Coverslips, Plastic

Efficient, disposable slides are manufactured from optically clear vinyl. Slides will not break, scratch, or cut fingers. Ideal for wet mounts. Micro coverslips are unbreakable and non-curling.

L x W	Thickness	Cat. No.
Slides		
75 x 25 mm	0.45–0.56 mm	82027-788
Coverslips		
18 x 18 mm	0.25 mm	48376-027
22 x 22 mm	0.25 mm	48376-049



Hareta Non-Stick Auto-Glass Coverslips, Springside Scientific

There are 2 oz. packed in each small box to facilitate less loading events. Specially coated and specifically designed for automatic coverslippers.

Available: 24X50 MM and 24X55 MM, this specially treated cover-glass is designed not to stick together resulting in fewer equipment jams and glass breakage. Packed in an easy open vacuum sealed case to eliminate moisture contamination.

Ordering Information: Each case contains 10 small boxes and is foil vacuum-sealed. Each case contains 20 total ounces.

Description	Cat. No.
24 x 50 mm	10756-300
24 x 55 mm	10756-302



ACS 720 Automatic Glass Coverslipper, Medite

Offers fast and reliable operation at a continuous high quality level. This automatic glass coverslipper handles all common mounting media and coverglass sizes. Damaged coverglasses are automatically sorted out without interrupting the coverslipping process. Due to the high process speed it is recommended to use only premium coverglass for automated coverslipping machines.

The ACS 720 features a small footprint, and occupies comparatively little valuable laboratory space. Throughout operation, samples are safely and consistently covered to ensure the permanent quality of the slides. The dispenser automatically returns to a xylene reservoir after every completed coverslipping process to prevent the dispenser needle from drying.

Coverslipping machine features a speed of around 11 seconds per slide. In combination with the Staining Automat TST 44, you get a highly efficient Multistainer-Glass-Coverslipper Combination.

Capacity	250–300 coverglasses
Dimensions	630W x 670D x 640H mm
Dispensing volume	30–150 µl
Electrical	110V, 60Hz, 400VA
Weight	65 kg (143 lbs.)

Description	Cat. No.
ACS 720 Automatic Glass Coverslipper	10768-274

Tissue-Tek® Glas™ g2 Automated Coverslipper, Sakura Finetek

Coverslipper slides at a rate of 400 slides per hour. Mounting medium volume is adjustable and precisely applied. Can be used as stand alone instrument or attached to Sakura Prisma Stainer.

Choice of 4 size coverslips sizes-40, 50, 55, or 60 mm. After coverslipping, slides are held in an unloading station with a full capacity of 240 slides.

Ordering Information: Warranty is one year, parts and labor.



Description	Electrical	Cat. No.
Coverslipper	115V, 50/60 Hz, 2.2 Amps	89199-938

Accessories for Tissue-Tek® Film® Coverslipper, Sakura Finetek

Description	Cat. No.
Flexible Coverslipping Film	25608-978



CytoTape Coverslipping Tape, Medite

Coverslipping tape that acts as a film.

Description	Cat. No.
CytoTape Sample	10031-428
CytoTape	10031-478

Shandon ClearVue™ Glass Coverslipper, Thermo Scientific

The ClearVue™ coverslipper ensures fast and accurate performance to help ease the coverslipping workload in even the busiest of laboratories. A unique range of advanced features allow it to operate with minimal oversight, giving users the freedom to simply load, close, and activate the unit. Load-on-demand capabilities can handle up to 11 slide baskets simultaneously. Baskets can be loaded individually or in groups of five. The coverslipper offers compatibility with a variety of stainers to accommodate virtually any lab setting. The ClearVue™ accepts slides from Shandon Varistain® Gemini ES, Shandon Varistain® 24-4, Sakura® DRS 2000, and Leica® Auto-Stainer. Baskets from any of these instruments may be used in a mix-or-match fashion. The touch-screen panel interface includes software that monitors the type of slide preparation, the size and number of slips dispensed, and the number of baskets waiting for use. The integrated disc drive can download technical information and perform necessary software updates.

Integrated sensors ensure proper slide positioning. To protect slide grippers and the prep area, the mountant is dispensed consistently, avoiding splashes and spills. Every slide is optically recognized during coverslipping to prevent illusions or improper handling. The unit automatically identifies and delivers accurate mountant levels, and can process both histology and cytology samples at the same time without user interaction. Preloaded coverslip hoppers also help to save time, with each hopper dispensing up to 500 slips.

Standard safety features include downdraft ventilation when loading and unloading slide baskets, and a charcoal filter that removes vapors before they're able to escape. The system is non-operational when any of its doors are open, and a battery backup ensures operation completion in the event of power interruption or loss. Removeable debris and purge trays simplify cleanup.

Ordering Information: Coverslipper includes case of 2 ClearVue™ coverslip hoppers (24x50mm, #1.5), set of 3 ClearVue™ slide baskets with black sliders, 1 bottle of ClearVue™ mountant, 2 mountant purge trays, 1 ventilation filter, 2 soft hair brushes, 3 suction cups, and user's guide.

Electrical	W x D x H	Weight	Cat. No.
100-240V, 50/60Hz, 300A	64.5 x 57.5 x 50 cm (25 ¹³ / ₃₂ x 22 ²¹ / ₃₂ x 19 ¹¹ / ₁₆ "	50 kg (110 lbs.)	95059-836

SHURMount II Automated Glass Coverslipper, Triangle Biomedical

The SHURMount II Automated Glass Coverslipper delivers the reliable speed and throughput your busy lab demands to achieve highly accurate results. Loading capacity 60 slides; Coverslipping speed of 14 sec/slide. Its compact footprint is ideal for crowded workspaces that gives labs maximum for instrument layout and work-flow design. The versatile functionality allows it to operate as a stand-alone unit or in combination with a variety of other automated stainers. Its user-friendly control panel provides complete control over all coverslipping functions.

Utilizing the SHURMount™ Automated Glass Coverslipper with General Data's broad histology product line of instrumentation, consumable & reagents we're your one source for all your laboratory needs.

Ordering Information: Includes 3 each Slide Baskets, Storage/Drying Racks and Universal Coverslip Hopper.



Dimensions	40.5 x 53 x 43 cm (15.9 x 20.9 x 16.9")
Electrical	AC117*17V 50/60 Hz 300VA

Description	Cat. No.
Automated Glass Coverslipper	10062-794





Richard-Allan Scientific® Cytoseal™ Mounting Medium, Thermo Scientific

Ideal for use with oil immersion objectives and in fluorescent applications.

Clear and colorless, medium is formulated from high-quality advanced acrylic resins. It dries rapidly and does not become brittle and crack or discolor with age. Preserves original slide specimen quality almost indefinitely. Slides mounted with this medium will not stick together, and it can be dissolved in toluene or xylene if tissue requires remounting. Available in two viscosities: Cytoseal™ 60 for use with cover glass, and Cytoseal™ 280 for thicker coating or minimal spreading.



Volume	Viscosity	Cat. No.
118.3 mL (4 oz.)	Low (60s)	48212-154
118.3 mL (4 oz.)	High (280s)	48212-267
473.2 mL (16 oz.)	Low (60s)	48212-187

SHUR/Mount™ Liquid Mounting Medium, TBS®

A mounting medium for every application. Choose toluene-based acrylic resin for manual mounting, xylene-based mounting medium for automatic coverslipping instruments, or water-based mounting medium for use with immunohistochemical techniques.

Description	Cat. No.
Toluene-Based, 118.3 mL (4 oz.)	15148-024
Xylene-Based, 473.2 mL (16 oz.)	15148-029
Water-Based, 20 mL (0.67 oz.)	15148-062



Richard-Allan Scientific Resolve® Low and High Viscosity Immersion Oil, Thermo Scientific

This formulation of synthetic hydrocarbons and advanced polymers is a stable optical fluid that will not dry or harden. Handy squeeze tube dispenser in 14.8mL (1/2oz.) size has a 2.5cm (1") long nozzle for reaching between objectives or slides.

Meets or exceeds Deutsche Industries Norm requirements DIN58-884.

Ordering Information: The 29.6mL (1oz.) bottle has an applicator rod built into the cap. The 118.3mL (4oz.) and 473.2mL (16oz.) bottles have twist-open/twist-close caps for easy dispensing.

Volume	Viscosity	Cat. No.
118.3 mL (4 oz.)	Low	48218-081
118.3 mL (4 oz.)	High	48218-445



VWR® Compound Trinocular Microscope

The VWR® Compound Trinocular Microscope, equipped with Planachromatic Objectives, is ideal for laboratory, routine, and research work. The series offers an ergonomic, anti-fatigue design to enable long hours of comfortable observation.

This VWR® Compound Microscope features a Trinocular Siedentopf type head with a 30° inclination and 360° rotating capabilities. Standard features include, widefield eyepieces WF10X / 20mm, reversed quintuple nosepiece, plan objectives PL 4X, 10X, 40X S, 100X S-Oil, coaxial coarse and fine focusing adjustment, built in low position coaxial mechanical stage, centerable and focusable 1.25 N.A Abbe condenser, iris diaphragm with filter holder, Koehler illumination halogen 12V / 20W with intensity control, main supply 110V UL approved.

C-UL, UL Listed. CSA certified.

Ordering Information: Microscope is supplied with all accessories listed above. The microscope is also supplied with a one-year warranty on electrical parts, and a five-year warranty on mechanical parts and optics.



Description	Cat. No.
VWR® Compound Trinocular Microscope	89404-468

VWR® Lens Cleaning Tissues

- High Wet Strength

Clean safety glasses and goggles, microscope lenses, and more with no scratching. Dust-free lens tissues are ideal for use with liquid cleaners.

Dimensions	Packaging	Cat. No.
10.1 x 15.2 cm (4 x 6")	50 Sheets/Book, 12 Books/Pack	52846-001
15.2 x 20.3 cm (6 x 8")	50 Sheets/Book, 12 Books/Pack	52845-009
20.3 x 30.5 cm (8 x 12")	100 Sheets/Book, 12 Books/Pack	52846-007





VWR® Microscope Slide Boxes, 25-Place

These heavy-duty, two-piece slide boxes feature cork lining and store up to 25 standard 25x75mm (1x3") slides. Boxes stack securely on top of each other. Color-coded for easy identification. Ideal for storage or transport. Dimensions: 14Lx8.9Wx3.2Dcm (5¹/₂x3¹/₂x1¹/₄").

Color	Cat. No.
Green	82003-420
Yellow	82003-424
White	82003-426



VWR® Microscope Slide Boxes, 50-Place

Ideal for storage or transport, these durable ABS plastic boxes accommodate 50 slides apiece. Boxes feature cork lining and a secure clasp to ensure safety in transit or storage. All accept standard 25x75mm (1x3") slides. Boxes are color-coded for easy identification and their stackable design increases transit and storage convenience. Dimensions: 21x8.5x3.2cm (8⁵/₁₆x3¹/₃₂x1¹/₄").

Color	Cat. No.
White	82024-584
Green	82024-588



VWR® Microscope Slide Boxes, 100-Place

Each box features cork lining and an outer shell made of durable ABS plastic. Secured with a rust-resistant nickel-plated clasp and hinge pin. Each slot is numbered to correspond to the slide inventory sheet on the inside cover of the box. For storage of up to 100 standard 25x75mm (1x3") slides. Boxes stack securely on top of each other. Color-coded for easy identification. Dimensions: 22.2Lx17.1Wx3.3Dcm (8³/₄x6³/₄x1⁵/₁₆").

Color	Cat. No.
Blue	82003-406
Green	82003-408
Red	82003-410
Yellow	82003-412
White	82003-414
Gray	82003-416



VWR® Economy Microscope Slide Boxes

Constructed of durable polypropylene, boxes hold either 25 or 100 standard 25x75mm (1x3") slides. Hinged lids are held securely closed by latch locks. Convenient, space-saving design with stacking feet maximizes stability when boxes are stored atop one another. Color-coded for ease in sorting and selection. Boxes are unlined.

Dimensions	Cat. No.
25-Place Boxes	
14 x 8.9 x 3.5 cm (5 ¹ / ₂ x 3 ¹ / ₂ x 1 ³ / ₈ ")	82024-612
14 x 8.9 x 3.5 cm (5 ¹ / ₂ x 3 ¹ / ₂ x 1 ³ / ₈ ")	82024-614
14 x 8.9 x 3.5 cm (5 ¹ / ₂ x 3 ¹ / ₂ x 1 ³ / ₈ ")	82024-616
100-Place Boxes	
21 x 16.5 x 3.5 cm (8 ¹ / ₄ x 6 ¹ / ₂ x 1 ³ / ₈ ")	82024-606
21 x 16.5 x 3.5 cm (8 ¹ / ₄ x 6 ¹ / ₂ x 1 ³ / ₈ ")	82024-608
21 x 16.5 x 3.5 cm (8 ¹ / ₄ x 6 ¹ / ₂ x 1 ³ / ₈ ")	82024-610



SHUR/Stor™ Slide and Cassette Storage Boxes, TBS®

Sturdy, lightweight boxes for storage of slides or cassettes. Requires minimal storage space. Slide storage boxes have four drawers and hold up to 2000 slides. Cassette storage boxes have eight drawers and hold up to 500 cassettes.

Description	Cat. No.
Cassette Storage Box	15147-833
Slide Storage Box	15147-835



VWR® Micro Slide Folder, Plastic

Unique features make this the most practical slide folder available. It holds 20 standard slides securely in place, yet visible through the transparent cover. Slides can be tipped up at either end with a simple push of the finger for easy removal. The cover flaps fold underneath the folder, out of the way, during use. Durable, rigid plastic construction allows stacking without breakage.

Description	Cat. No.
VWR® Micro Slide Folder	48443-850



VWR® Micro Slide Trays, Cardboard

VWR® Micro Slide Trays accommodate 20 or 30 standard 25x75mm (1x3") slides. The horizontal compartments are recessed, protecting the specimens when the cover is closed. Compartments feature a thumb cut for easy slide removal.

L x W x H	No. of Places	Cat. No.
20.8 x 34.1 x 9 cm (8 ³ / ₁₆ x 13 ⁷ / ₁₆ x 3 ¹ / ₂ ")	20	82020-913
28.1 x 32.8 x 10 cm (11 ¹ / ₁₆ x 12 ¹⁵ / ₁₆ x 3 ¹⁵ / ₁₆ ")	30	82020-915



Slide and Tissue Block Storage Files, Azer Scientific

These storage files provide an economical and efficient solution for storing and indexing microscope slides and tissue blocks. The stackable, interlocking cardboard construction is easy to assemble. The four-drawer slide storage file can hold up to 2000 slides. The eight-drawer tissue block file can hold up to 500 blocks. All surfaces are polymer-coated to help resist moisture.

Description	W x L x H	Cat. No.
Microscope Slide Storage File	30.5 x 29.2 x 10.2 cm (12 x 11 ¹ / ₂ x 4")	95045-510



VWR® Slide Storage Cabinet

This rugged Slide Storage Cabinet is manufactured from 24 gauge steel with a baked epoxy finish to ensure that slides can be stored with confidence. It holds up to 5000 standard 1x3" slides, and the plastic drawer divider can be removed to store slides up to 2" in width.

The Cabinets are stacked by utilizing built-in tabs in the bottom of each unit. Due to this design, the Cabinet Base is required under the first cabinet to prevent an unstable condition.

Each Cabinet includes 6 drawers, each drawer holding 830 slides. Drawers slide easily and can be removed for easy transport. Cabinets can be stacked 10 high.

Ordering Information: Each Cabinet is supplied with a pack of identification labels and a pack of sponge block spacers. Additional storage drawers (80086-980) may be purchased as a separate accessory item.

Description	Dimensions	Color	Shipping Weight	Cat. No.
VWR® Slide Storage Cabinet	40W x 48.3L x 12.7H cm (15 ³ / ₄ x 19 x 5")	Brown	9 kg (20 lbs.)	80086-976
VWR® Slide Storage Base	40W x 47.6L x 6.9H cm (15 ³ / ₄ x 18 ³ / ₄ x 2 ³ / ₄ ")	Brown	1.8 kg (4 lbs.)	80086-978
VWR® Slide Storage Drawer	10.2W x 49.5L x 7.6H cm (4 x 19 ¹ / ₂ x 3")	Brown	0.45 kg (1 lb.)	80086-980



Surgipath® Cassette Storage Drawers, Leica® Microsystems

Drawers offer an efficient means of organizing and filing histology case blocks for future reference. Constructed of a high polymer plastic resin, the storage system houses 256 standard cassettes and approximately 500 mini cassettes. Each two drawer system can be used individually for transport, or combined with additional drawers and stacked to create a larger system.

Description	Cat. No.
Surgipath® Cassette Storage Drawers	95057-864





Tissue-Tek® Embedding Ring Filing Cabinet, Sakura® Finetek

Provides permanent storage/reference for blocks embedded in Tissue-Tek® embedding rings. Stackable cabinets accommodate 1000 rings. One-piece construction eliminates hinges and doors for dust-free storage. Includes six, impact-resistant drawers, each with an identification area. Dimensions: 24.1Wx43.2Dx38.1Hcm (9'1/2x17x15").



Description	Cat. No.
Cabinet without Rings	25608-866

VWR® Color-Coded Two-Place Slide Mailers

These two-place slide mailers securely hold standard 25x75mm (1x3") slides. With large, easy-to-secure snaps, these mailers provide safe storage of valuable slides. Mailers are made of polypropylene and are autoclavable. Assorted colors include purple, red, blue, yellow, and orange for easy color coding of samples.



Color	Cat. No.
Assorted	82007-222
Natural	82007-224

VWR® Microscope Slide Holders/Mailers

Single- or double-slide plastic holders/mailers feature sturdy crack-resistant construction and easy opening tabs. Fit standard 25x75mm slides.



L x W	Color	Cat. No.
Single-Slide Holder/Mailer		
82 x 39 mm (3'1/4 x 1'1/2")	Blue	95042-208
Double-Slide Holders/Mailers		
91 x 66 mm (3'9/16 x 2'9/16")	Blue	95042-206
91 x 66 mm (3'9/16 x 2'9/16")	Clear	95042-668

Surgipath® Model 9100 Slide/Cassette Storage Unit, Leica® Microsystems

The Model 9100 storage unit is engineered and designed for the secure storage and organization of microscope slides and paraffin embedded cassettes within a single unit. Each storage unit features robust uniblock construction with minimized spot welding for increased support. Stackable layers of slide and cassette drawers allow for customizable storage, with a possible total of 14 slide drawers and 8 cassette drawers. All drawers feature a finger pull for easy removal and insertion. Drawer interiors can be accessed easily due to plastic coated rail inserts that facilitate opening and closing, whether or not the drawers are loaded. An organizer tray can be positioned on top of the unit for use as a workspace or for prepping drawers. Index tabs and drawer labels are available for quick identification and sorting. The optional cabinet base is equipped with four casters for mobility. The front two casters are lockable.



Capacity	270 per Drawer, 8 Drawers per Unit per Cassettes, 396 per Drawer, 14 Drawers per Unit per Slides
Dimensions	48.3W x 48.3L x 24.1H cm (19 x 19 x 9'1/2") Cassette Storage Cabinet, 48.3W x 48.3L x 10.2H cm (19 x 19 x 4") Slide Storage Cabinet, 48.3W x 48.3L x 7.7H cm (19 x 19 x 3") Organizer Tray

Description	Cat. No.
Cabinet Base with Lockable Casters	95057-966
Cabinet Top	95057-964
Cassette Storage Cabinet with 8 Drawers	95057-972
Slide Storage Cabinet with 14 Drawers	95057-866

VWR® 5-Place Slide Mailers

Ideal for shipping, storing, or staining slides, these polypropylene containers hold five standard 25x75mm (1x3") slides. Inside wall features slotted channels to keep slides separated and make removal easier. Closes securely to keep slides safe.

Ordering Information: Assorted colors include red, yellow, blue, purple, and orange.



Description	W x D x L	Color	Cat. No.
End-Opening Mailer	43 x 24 x 88 mm (1'11/16 x 1'5/16 x 3'15/32")	Assorted	82003-431
Side-Opening Mailer	81 x 19 x 31 mm (3'9/16 x 3/4 x 1'7/32")	Natural	82024-598

VWR® Disposable Slide Mailers

Heavy cardboard holders accommodate one or two standard 25x75mm (1x3") slides. Thumb grooves allow for easy removal of slides.



Description	W x D x L	Cat. No.
One-Place Slide Mailer	40 x 5 x 95 mm (1'9/16 x 3/16 x 3'11/16")	82020-908
Two-Place Slide Mailer	79 x 5 x 103 mm (3'1/8 x 3/16 x 4'1/16")	82020-911



VWR® Autoclavable Bags, Nonhazardous Waste

Intended for use in autoclaving nonhazardous waste. Constructed of high-integrity polypropylene, these bags can withstand autoclaving temperatures up to 135°C (275°F).

Heavy walls provide superior tear resistance and welded seals minimize risk of leakage. Bags meet the strength requirements of the 165g dart drop standard performed per ASTM D1709-98. All bags are clear.

Meets the 165 g dart drop standard (ASTM D1709-98).

W x H	Cat. No.
48.3 x 58.4 cm (19 x 23")	14220-040
63.5 x 88.9 cm (25 x 35")	14220-042
91.4 x 114.3 cm (36 x 45")	14220-044



VWR® High Strength Autoclavable Infectious Waste Bag

These 2 mil polypropylene bags are engineered to meet the most demanding regulatory specifications worldwide. They meet the 480 g tear test in both directions, performed per ASTM D1299-94A and are specifically designed for the handling of very dangerous materials.

These high strength bags are ideal for hazardous waste collection and decontamination in an autoclave. Bags are formulated to withstand stress at the side seams and are strong enough to hold items in the laboratory.

These bags are red and are available printed with a black biohazard symbol or plain. The printed bags also read "Infectious Waste" and feature a temperature indicator patch. All bags are autoclavable to 135°C (275°F).

Bags meet all state requirements for hazardous waste handling, including Florida, Pennsylvania and California Department of Health codes.

Meets 480 g tear test (ASTM D1299-94A).

Ordering Information: Bags are supplied with 12.7 cm (5") twist ties.

Color	Red
Thickness	2 mil

W x H	Cat. No.
Printed Bags	
30.5 x 61 cm (12 x 24")	14220-090
61 x 76.2 cm (24 x 30")	14220-092
61 x 91.4 cm (24 x 36")	14220-096
63.5 x 88.9 cm (25 x 35")	14220-094
96.5 x 121.9 cm (38 x 48")	14220-098



VWR® Autoclavable Biohazard Bags, 2 mil

Ideal for processing biohazardous materials that require autoclaving prior to disposal. Available with or without temperature indicator. High-integrity polypropylene bags withstand 135°C (275°F) maximum autoclave temperature.

Twist-tie closure allows bag to expand and vent steam during cooling. Bags resist punctures, tears, and leaks and meet the 165g dart drop standard performed as required by ASTM D1709-98. Each bag is imprinted with the universal biohazard symbol.

Indicator bags have the words "Contents Have Been Autoclaved" printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved. Indicator bags are available in red, orange, or yellow. Bags without indicators are clear.

Meets the 165 g dart drop standard (ASTM D1709-98).

W x H	Cat. No.
Red Bags with Indicator	
63.5 x 88.9 cm (25 x 35")	14220-032
91.4 x 114.3 cm (36 x 45")	14220-034
Orange Bags with Indicator	
63.5 x 88.9 cm (25 x 35")	14220-052
91.4 x 114.3 cm (36 x 45")	14220-054



VWR® Autoclavable Biohazard Bags, Double Thick

Made of high-strength, highly temperature-resistant 3mil polypropylene plastic that is autoclavable to 135°C (275°F).

Heavy-duty bags offer extra puncture resistance and high impact strength. Clearly labeled with proper biohazard warnings. Bright red color for quick identification.

Ordering Information: Bags are supplied with 20.3 cm (8") twist ties.

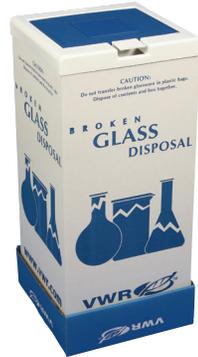
W x H	Cat. No.
61 x 91.4 cm (24 x 36")	14220-086
96.5 x 122 cm (38 x 48")	14220-088



VWR® Broken Glass Disposal Cartons

Entire unit may be disposed of as a whole once safety cap is pulled into place. Available in floor and benchtop models.

Optional, reusable carton cover (for floor model only) provides a wider opening 20.3 x 24.1cm (8 x 9.5") permitting safer and more sanitary deposit of wastes into the container. Opens quickly and easily by pressing the built-in release tab - no batteries required! Features a smooth 10.1 x 10.1cm (4 x 4") area on top for applying labels. Autoclavable lid is color-coded for easy identification.



Description	Dimensions	Cat. No.
Floor Disposal Carton	30.5L x 30.5W x 68.5H cm (12 x 12 x 27")	56617-801
Benchtop Disposal Carton	20.3L x 20.3W x 25.4H cm (8 x 8 x 10")	56617-804

VWR® Sharps Container Systems, Yellow

Sharps container systems provide solutions for the safe and effective containment and disposal of contaminated needles, syringes, and other sharps. Containers are stackable, puncture-resistant, and autoclave- and incinerator-safe. They feature transparent, locking lids and needle removal ports. The tortuous path systems restrict hand entry.



Description	Capacity	Dimensions	Cat. No.
Small	0.95 L (32 oz.)	8.9W x 8.9D x 17.8H cm (3 ¹ / ₂ x 3 ¹ / ₂ x 7")	19001-038
Medium	3.8 L (1 gal.)	25.4W x 17.8D x 12.7H cm (10 x 7 x 5")	19001-040
Medium, Tortuous Path	3.8 L (1 gal.)	25.4W x 17.8D x 17.1H cm (10 x 7 x 6 ³ / ₄ ")	19001-042
Large, Tortuous Path	7.6 L (2 gal.)	25.4W x 17.8D x 28.6H cm (10 x 7 x 11 ¹ / ₄ ")	19001-046
X-Large	30.3 L (8 gal.)	28.6W x 28.6D x 34.9H cm (11 ¹ / ₄ x 11 ¹ / ₄ x 14")	19001-048

VWR® High Quality Bibulous Paper

High quality, highly absorbent paper manufactured for minimum linting and shedding. Recommended for drying slides, and small parts or components. 50 sheets per book.



Description	Cat. No.
VWR® High Quality Bibulous Paper	28511-007

VWR® Biomedical Waste Containers

Sharps container systems provide solutions for the safe and effective containment and disposal of contaminated needles, syringes, and other sharps. These three-component biomedical waste containers consist of an outer corrugated container and an inner corrugated container separated by a red plastic liner.



Description	Capacity	Dimensions	Cat. No.
Small	9.5 L (2.5 gal.)	15.2W x 30.5D x 27.3H cm (6 x 12 x 10 ³ / ₄ ")	19001-036
Large	41.6 L (11 gal.)	30.5W x 30.5D x 61H cm (12 x 12 x 24")	19001-032

VWR® Lab Table Absorbent Barrier Material

Designed to protect lab tables from spills and provide cushioning for breakable items. Two-layer material has an airlay absorbent layer with a leakproof plastic backing. Can be cut to desired size. Also useful as a cage liner.



Description	W x L	Cat. No.
Roll	50.8 cm x 91.5 m (20" x 300')	89126-792

VWR® Absorbent Bench Underpads

These super absorbent underpads have a three-layer construction. Each underpad contains a top sheet that is made of a soft white spunbound polypropylene. The absorbent cellulose fluff filler, sandwiched between two layers of tissue, is embossed overall for superior wicking of fluid. It acts as a cushion to protect labware from breakage. The backing sheet comes in different colors and is made of embossed polypropylene. Each pad is sealed on four sides to prevent liquid seepage.



Deluxe pads are more absorbent and thicker with more absorbent cellulose fluff than standard pads. Super deluxe pads have an added polymer that absorbs more moisture. Super deluxe pad 56617-032 comes in a breathable format.

Ordering Information: Underpad 82020-845 is packed 50 pads per pack, six packs per case.

W x L	Absorbency	Backing Color	Cat. No.
Standard Pads			
43.2 x 61 cm (17 x 24")	200 mL	Blue	56617-014
Deluxe Pads			
43.2 x 61 cm (17 x 24")	340 mL	Blue	56616-018



Formaldehyde Monitors, 3M™

Monitor personnel or work areas in laboratories and in the chemical, pulp/paper, foundry, and textile industries. Clip easily to lapel. Analysis procedure available upon request.

Meet and exceed OSHA accuracy requirements. Overall accuracy is within ±25% at a 95% confidence level for a sampling range of 0.5–5.0ppm. Shelf life of 18 months. Monitor with included pre-paid analysis and written report option is available in the US market.

Note: Not acceptable for STEL monitoring.

Caution: All 3M products must be used in accordance with OSHA regulations and the user instructions, warnings, and limitations accompanying each product.



Description	Cat. No.
Monitor Only	56614-642
Monitor and Analysis	56614-641

SHURClean Histology Hoods, Triangle Biomedical

A clean air workplace is essential in today's health conscious environment. We offer a series of economical benchtop histology hoods that have CAP and CLIA certifications. Our histology hoods are specifically designed to manage manual histological processes thus providing protection of the histologist and adjacent room occupants.

There are three popular styles available. The Open-Front Histology Hood Model accommodates the TBS SHURWave™ microwave tissue processor. Available in 36" or 48" widths. The Sloped-Front Histology Hood Model utilizes hinged sashes for manual grossing and/ or staining applications. Available in 36" or 48" widths. Meets operator face velocity requirements of published industry standards with sashes closed. The Downdraft Histology Hood Model is for manual coverslipping applications that utilize Xylene based mounting medium.



Description	External Dimensions	Internal Dimensions	Weight	Cat. No.
Downdraft Ductless Histology Hood, 120V	61 x 45 x 49 cm (24 x 18 x 19")	—	16 kg (37 lbs.)	10510-912

SHURDry Slide Dryer II, Triangle Biomedical

SHURDry™ Slide Dryer II is the perfect solution for small volume labs that need a low-volume sliding apparatus that can still dry slides quickly! It offers an uncomplicated, fast method for drying slides to maintain a streamlined histology process. The SHURDry™ Slide Dryer II accommodates two slide racks directly from a stainer and allows the slides to be stained in approximately 20 minutes to 1 hour. A see-through glass provides the histologist the visibility needed to examining contents without releasing heat by opening doors and also makes it convenient for cleaning.

Monitor heat control utilizing the Amber indication light located by the temperature control, informs the user when the heat is The Red indication light offers protection, and informs the user if overheating occurs. Use the SHURDry™ II with General Data's extensive line of indispensable products that can be seamlessly integrated into your workspace to increase turnaround time and ensure high-quality results.

Electrical	100-120 VAC 50/60Hz 2A
W x D x H	26 x 28 x 13 cm (11 x 10 x 5")
Weight	5 kg (11 lbs.)

Description	Cat. No.
Slide Dryer, Small Footprint	10119-900

SpillSolv® Laboratory Spill Kits, EMD Millipore

For safe, easy, effective spill treatment in the laboratory. SpillSolv® kits are available for acid, caustic, solvent, formaldehyde, or mercury spills. Also available is a multipurpose spill kit that contains spill response materials for a combination of spills.

Agents are formulated to rapidly clean up chemical spills and vapors. Each bottle has a convenient dispensing cap for shaking or pouring.

Caustics and acids are converted into nonhazardous compounds that meet EPA specifications for nonhazardous waste, simplifying cleanup and disposal. Solvent spills can be easily treated and transported with the absorbent in the solvent spill kit. This absorbent will also act as a vapor suppressant. The formaldehyde spill kit contains a two-part neutralization and immobilization system that effectively neutralizes formaldehyde solution spills. The multipurpose kit can treat up to a 4L (1.1gal.) solvent spill or a 2.5L (0.7gal.) acid and caustic spill.

The mercury spill kit controls mercury spills in minutes using a simple, two-step procedure. Also included is a mercury vapor suppressant absorbent which is ideally suited to penetrate inaccessible areas such as cracks and crevices.

Ordering Information: Packaged in a lightweight, wall-mountable kit that can be brought to the spill. The acid, caustic, and solvent kits each contain six bottles of SpillSolv® agent formulated for the type of spill. The multipurpose kit contains two containers of each of the three spill agents. The formaldehyde kit contains one 200g (7oz.) bottle of formaldehyde absorbent and immobilizer powder, six 950mL (32.1oz.) bottles of formaldehyde neutralization concentrate (base), and six 50mL (1.7oz.) bottles of formaldehyde neutralization concentrate activator. The mercury kit contains one bottle each of immobilizer and vapor suppressant.

Each kit includes the following accessory items: goggles, gloves, disposal bags, scoops, sponge, and guide. The mercury spill kit also includes syringes and Tyvek® booties. The formaldehyde spill kit also includes spray heads. Purchase **EM-SX1300S-1** to replace the standard accessories set, and **EM-SX1340S-1** to replace the formaldehyde accessories set.



Description	Cat. No.
SpillSolv® Formaldehyde Spill Kit for Formaldehyde Spills	EM-SX1340-1



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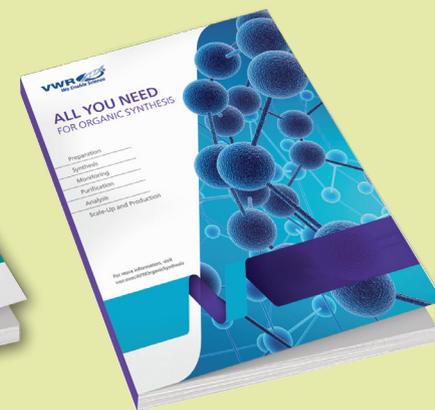
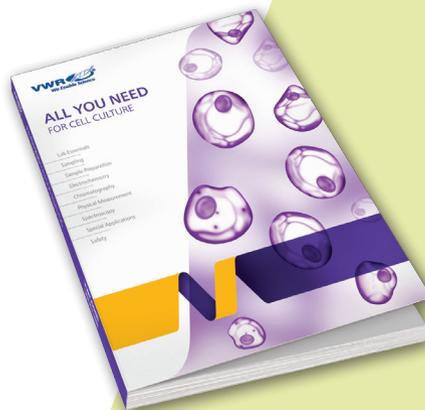
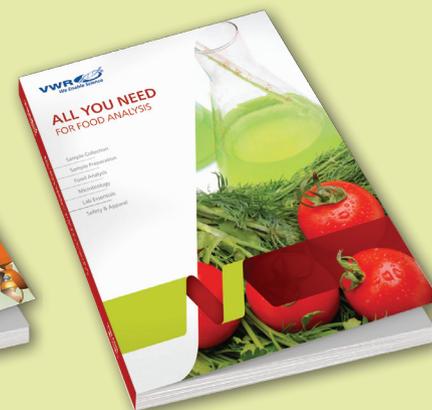
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