

LABVITALS

DELIVERING ESSENTIAL HEALTHCARE SOLUTIONS

VWR is now part of Avantor®
Learn more on page 2



**SOLUTIONS TO HELP YOU
REDUCE COMPLEXITY IN
YOUR WORKPLACE**

**Custom Specimen Collection
Kits – page 3**
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the Right Tools – page 6**

Reducing Complexity in Your Workplace

Routine testing can be influenced by many factors including knowledge of the process, technique, and equipment. At VWR, we're focused on helping you to reduce complexity in your lab so you can stay focused on your work. Our commitment to quality, value, accuracy, and efficiency at every step of the procurement process supports your healthcare outcomes, from discovery to diagnosis. Everything You Need from One Source:

- Blood Bank
- Clinical Chemistry
- Cytology
- Equipment and Instruments
- Furniture/Lab Design
- Histology
- Lab Safety
- Molecular Diagnostics
- Point of Care
- Sample Collection
- Phlebotomy
- Microbiology

For contract and consortium pricing, contact your VWR Sales Representative.



We Set Science in Motion to Create a Better World.

From breakthrough discovery to agile delivery of innovative products and services, Avantor® and VWR are one company.

Our shared vision: to be your trusted partner, providing discovery-to-delivery solutions for our healthcare and clinical customers.

Learn more about our new company at
www.SettingScienceinMotion.com



Clinical & Biorepository Services

VWRCATALYST has brought together a unique group of experts dedicated to optimizing the process of clinical operations.



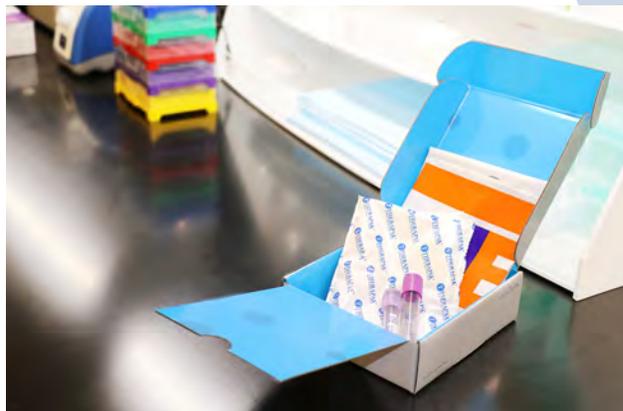
Meticulous Care of Clinical and Biological Samples



Clinical Product Life Cycle Support



Customized Kit Manufacturing and Distribution



Learn more about EPL Archives, MESM, and Therapak at vwr.com/clinical_alliance

VWR COLLECTION **designed for your applications**



VWR® UrineTime II™ Proportioning Devices

Ideal for outpatient use, this 24-hour urine collection proportioning system is designed for the automatic division of samples into two separate containers for chemistry assays.

The two 2L bottles feature keyed sides that stay firmly locked together. A plastic bag is supplied for safe disposal of the removable plastic funnel.

Description	Cat. No.	Case of
Assembled	93001-122	4/ 181.78
Ready-to-Assemble	93001-124	5/ 162.19

VWR COLLECTION **designed for reliability**

VWR® Clinical 50 Centrifuge

Supplied complete with a 6x15mL fixed-angle rotor, this basic unit features variable speed to 4000rpm/1900g, suitable for a variety of applications in a clinical setting or research lab.



- Optional adapters accommodate smaller tubes, including common blood draw tubes
- A safety interlock cuts power to the centrifuge when the lid is opened
- Rugged ABS housing adds durability and is easy to clean

Description	Cat. No.	Each
Centrifuge with 6 x 15 mL 45° Rotor	82013-800	722.43

VWR COLLECTION **designed for your applications**

VWR® Blood Transfer Dispenser

Simply Insert, Invert, and Dispense

Efficient delivery of sample into test cards and point of care cassettes. Any risk of exposure to biohazards is reduced because you do not have to open the primary sample tube.



- Medical grade, pre-tested resin
- Clear dispense head shows blood flow
- Fits all 13mm and 16mm blood collection tubes
- Use with any analyzer that requires the delivery of a sample to a test cartridge



Description	Cat. No.	Pack of 100	Case of 500
Blood Transfer Dispenser	89497-324	199.87	954.92

VWR COLLECTION **designed for your applications**

VWR® Blood Bank Saline Solutions

Blood bank saline is pH-controlled for a pH between 6.5 and 7.0. Buffered saline is tightly controlled to a pH range of 7.0 to 7.2, and is specially designed to enhance weak agglutination reactions in blood bank procedures. Both saline and buffered saline remain stable without preservatives.



Size, gal.	Cat. No.	Each
Blood Bank Saline		
2.5	89370-096	31.62
5	89370-098	48.15
Buffered Blood Bank Saline		
2.5	89370-100	31.62
5	89370-102	48.15



SAFETY BY DESIGN

- Automatic safety mechanism helps prevent needlestick injury
- Pre-removal activation virtually eliminates exposure to the needle
- One-handed activation
- Trigger mechanism reduces the risk of inadvertent activation
- Tubing is clamped when the needle is retracted, reducing risk of exposure to blood
- Remains safe through disposal
- Easy-to-use, activation is intuitive
- Safe and effective for patients and healthcare personnel



Not made with natural rubber latex, DEHP, or PVC!

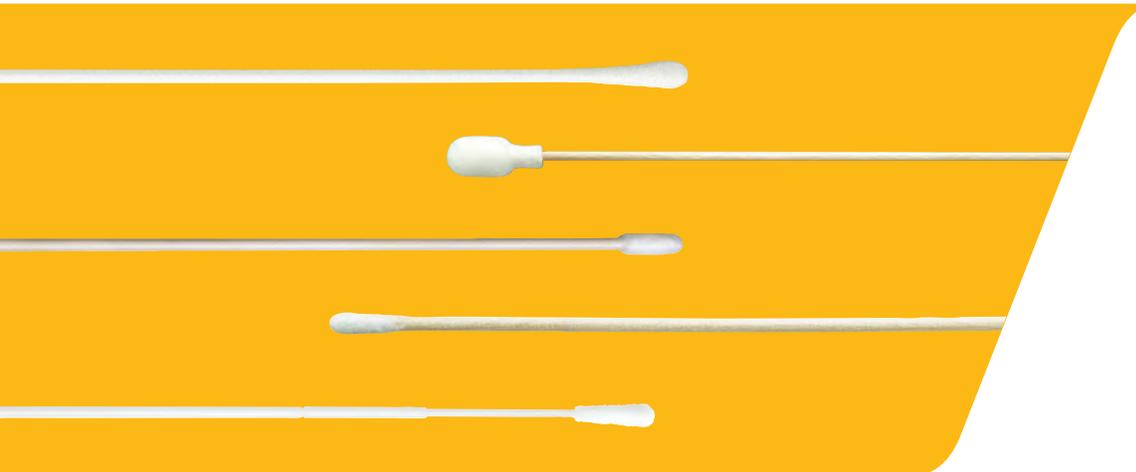
VanishPoint® Blood Collection Set

- Automated in-vein retraction effectively reduces the risk of needlestick injuries and blood exposure
- Trigger indicator is color-coded for needle gauge
- Finger grips allow for easy handling
- Clear body allows for flashback visualization
- Kink-resistant tubing available in 7" and 12" lengths
- Includes removable Luer adapter
- May be used for short-term infusion (up to 2 hours)

Contact your VWR Sales Representative for special pricing!

Needle Gauge	Tubing Length, in.	Color	Cat. No.	Pack of 50	Case of 200
21	7	Deep Green	76199-914	147.44	579.48
21	12	Deep Green	76199-920	147.44	579.48
23	7	Deep Blue	76199-912	147.44	579.48
23	12	Deep Blue	76199-918	147.44	579.48
25	7	Orange	76199-910	147.44	579.48
25	12	Orange	76199-916	147.44	579.48

Needle Length: 3/4 in.



Medical Swabs: How to Choose the Right Tools

Puritan Medical Products, Guilford, ME

From specimen collection and wound treatment to equipment maintenance and medicine application, medical professionals perform a range of duties every day; each calling for a different set of tools.

Choosing the Right Medical Swabs

Swabs are one of the most commonly used single-use devices in the medical industry, but how do you know which to choose for which applications? We've put together this brief overview on how to choose the right medical swabs based on your specific needs.

Cotton Tipped Swabs

Tips of U.S. pharmaceutical grade spun cotton fiber have been a standard for applicators used in everything for basic patient care to crime scene investigation. Very absorbent, soft, low cost, and safe, cotton tipped swabs perform consistently and reliably. However, cotton tipped swabs are not typically recommended from specimen collection.

Why? The properties of this natural material are such that efficient release of the specimen is not achieved and the naturally occurring fatty acids in this material interfere with processes employed in microbiology and DNA extraction, having shown to be injurious to organisms.

Rayon Tipped Swabs

Much like cotton, rayon tipped swabs are predictably soft and absorbent and an economical choice for many applications where cotton would not be suitable. Rayon is a synthetic spun fiber manufactured from wood pulp. It is widely accepted for specimen collection.

While produced from natural material, the manufacturing process eliminates any components that may damage the specimen or interfere with specimen transport and/or processing. The rayon-spun fiber used in Puritan products is made to Puritan's specification to meet strict standards for specimen collection.

Polyester Tipped Swabs

Polyester is a synthetic spun fiber made from a polymer. Originally introduced into the realm of medical diagnostics by DuPont under the brand name Dacron®, it is now manufactured by others and no longer carries a brand name. Polyester fiber has been tested and validated for use in specimen collection in microbiology, rapid test diagnostics, and PCR analysis.

Polyester tipped swabs boast excellent collection and release properties and, while somewhat more costly than cotton or rayon, are not absorbent and boast superior release properties. Puritan purchases only the finest grade spun polyester fibers which are then produced to our specification of finish and other characteristics to assure reliable performance, every time.

Foam Tipped Swabs

Medical grade polyurethane foam has been found to be an excellent tip material for diagnostics. Foam is produced in a range of porosities in sheet form. Common configuration for use in tipped applicators is 100ppi (pores per inch).

Puritan specifies thickness, width, and porosity of the material purchased from a U.S.

manufacturer for incorporation in medical devices. Other properties are specified as well, such as absorbency (hydrophilic being very absorbent and hydrophobic being not absorbent), open or closed cell, conductive or electro-static dissipative, even colored. For chemical resistance, polyethylene foam is chosen. Your intended use dictates which foam tipped swabs will work best.

Flocked Swabs

Flock or "flocked" swabs have brought tipped applicators to a new level. State-of-the-art and highly acclaimed, these specialty devices bring superior collection and release characteristics to the lab. Multi-length split end polyester fibers are adhered by Puritan's proprietary flocking process, assuring ultra-clean tips and reliable performance.

Specimen collection relies on the physical properties of this structure, not absorbance within a spun fiber, so the specimen is extracted completely and efficiently. Puritan offers PurFlock Ultra® flocked swabs in a range of tip shapes and sizes to meet the specific needs of every diagnostician.

Taking this technology one step further, Puritan's HydraFlock® flocked swabs bring ultimate collection and release characteristics not before achieved. Through our proprietary processing technologies, each raw material is rendered optimal before all components are brought together for final production steps. The result is a truly unique specimen collection device.



designed for
precision

VWR® TraceableLIVE™ Wi-Fi Datalogging CO₂ with Remote Notification

Simple, efficient, and reliable way to stay connected to critical environments. Monitor CO₂ levels, temperature, and humidity readings locally and remotely by connecting to existing Wi-Fi.



Specifications

Temperature	0.0 to 50°C (-32 to 122°F)
Humidity	0.0 to 100% RH (non-condensing)

CO ₂	Probe	Cat. No.	Each
0 to 10,000 ppm	Ambient	76047-262	617.36
0 to 20%	External Sensor on Remote 3' Cable	76047-264	628.12



designed for
every day use

VWR® Specimen Containers with Dual Click

Dual Click design features two audible and tactile “clicks” to let the user know the lid is properly secured.

Once the specimen is collected, a simple turn of the closure will give the user assurance that the seal is fully engaged with a “click” sound. The second “click” ensures 95 kPa compliance for pneumatic tube transportation. Sterile Dual Click specimen containers are sterilized using E-Beam sterilization. All containers are manufactured in the USA.



Ensure Safe Specimen Transport

Capacity, mL	Cap Color	Cap Dia., mm	Cat. No.	Case of
60	Blue	48	10803-956	500/ 253.97
60	White	53	10836-000	560/ 236.09
90	Green	48	10803-966	400/ 203.43
90	Natural	53	10803-974	400/ 208.34
120	Orange	53	10803-996	300/ 195.84

Featured Containers are sterile, other options available at vwr.com.



Scoop, Scrape, and Sample – for FREE

Treat Your Critical Samples with the Sensitivity they Deserve!

All Sterileware® Sample Handling Products are:

- Made of FDA grade sterile polystyrene
- Sterilized by gamma irradiation
- Individually packaged
- Lot stamped; shipped with a Certificate of Processing for Sterilization

Get your samples today at
vwr.com/belart-free-samples



Visit vwr.com for more information. Keyword: Sterileware

This specific sample offer is not available in Canada. Please contact your VWR Sales Representative to learn about similar options in your region.



APACOR

Parasep® Fecal Parasite Concentrators

For fecal concentration of helminth ova and larvae/protozoa cysts and oocysts. Exclusive vertical filter device removes blockage, which occurs in all flat filter methods, thus increasing the yield of parasites. Sample clarity is enhanced too with our dual 42µm and 220µm filtration methodology, as it reduces the amount of debris on the slides making them easier to examine.

One vial is required to conduct PCR, EIA, Lugol's Iodine wet mount, and Trichrome permanent stain.

No preparation steps and enclosed system eliminates exposure to stool or exposed fumes. There is no need for a fume hood or re-suspension of any further reagents, such as formalin or ethyl acetate.

Parasep Solvent Free System*	Capacity, mL	Includes	Cat. No.	Price
Mini	15	Without Reagent	10048-676	Box 50/ 82.84
Mini	15	Pre-Dispensed with 3.3 mL AlcorFix	76066-146	Box 40/ 61.50
Midi	50	Without Reagent	10048-714	Box 50/ 82.84
Midi	50	Without Reagent, Supplied Without Caps	10796-704	Pk. 500/ 808.05
Midi Cap	—	—	10770-302	Pk. 1,000/ 323.09
Midi	—	Midi Sedimentation Tube	10015-614	Box 600/ 157.67
—	—	500 mL Apacor Triton X Solution	10836-920	Ea./ 10.51
Mini	—	Test Tube Rack, Plastic	10847-720	Ea./ 129.55

Transport Vials, 30 mL

Includes	Cat. No.	Box of
Without Reagent	10048-690	40/ 66.27
Without Reagent	76048-742	500/ 768.75
Without Reagent	76048-750	250/ 384.38
Pre-Dispensed with SAF	10183-870	40/ 64.65
Pre-Dispensed with AlcorFix	10184-190	40/ 64.65

*Parasep Solvent System also available; visit vwr.com.



PIPETMAN® Single Channel Starter Kits

PIPETMAN L combines the legendary robustness of the PIPETMAN Classic with a newly designed body and state of the art piston mechanism. Added features include: lightweight comfort, low pipetting forces, lockable volume, and full autoclave ability for your maximum convenience.

Description	Volume, L	Cat. No.	Each
PIPETMAN L	20, 200, 1000	76178-068	994.00
PIPETMAN L, Micro-Volume	2, 10, 100	76178-070	994.00
PIPETMAN L, 4 Pack	2, 20, 200, 1000	76178-072	1201.00
PIPETMAN Classic, Diamond Tips and Accessories	20, 200, 1000	76177-996	883.00
PIPETMAN Classic Micro-Volume, Diamond Tips and Accessories	2, 10, 100	76178-000	883.00

More options are available; visit vwr.com.



VWR® Sample Mailing Tubes

Leakproof, disposable tubes are suitable for shipping. The Frosted writing surface allows convenient labeling and identification.

- Conical bottom and skirted base
- Tubes are durable polypropylene; caps high-density polyethylene
- Tubes are autoclavable



Volume, mL	L x Top O.D. x Bottom O.D., mm	Packaging	Cat. No.	Pack of 500	Case of 1,000
5	58.6 x 15.9 x 15.2	Bulk	16465-262	137.45	205.93
10	91.6 x 15.9 x 14.6	50/Bag	16465-265	—	413.68
10	91.6 x 15.9 x 14.6	Bulk	16465-260	146.70	219.78



Digital Ultrasonic Baths

Branson Digital Ultrasonic Baths include new features which allow you to achieve consistent ultrasonic performance without having to make adjustments. The heated baths auto feature takes the process control out of the operators hand once programmed for same results every time.

- Degassing up to 90 minutes
- Timer 99 minutes or continuous operation
- Available with or without heat
- Hi/lower power to protect delicate applications

Applications include precision cleaning and sample preparation, degassing liquids, mixing and homogenization, dissolving solids, cell lysing, and dispersion of particles.

Capacity, gal.	L x W x D, in.	Cat. No.	Each
Baths with Heat			
0.5	5 x 6 x 4	89375-490	666.27
0.75	9½ x 5½ x 4	89375-492	829.20
1.5	11½ x 9 x 6	89375-494	1265.00
2.5	11½ x 9½ x 6	89375-496	1609.68
5.5	19½ x 11 x 6	89375-498	2810.82
Baths without Heat			
0.5	5½ x 6 x 4	89375-430	603.04
0.75	9½ x 5½ x 4	89375-432	755.37
1.5	11½ x 9 x 6	89375-434	1173.94
2.5	11½ x 9½ x 6	89375-436	1490.66
5.5	19½ x 11 x 6	89375-438	2557.98



Visit vwr.com to find accessories, as well as mechanical bath options.

SFX Series Cell Disruptors

Branson SFX Series Cell Disruptors provide a new level of ease, precision, and repeatability with advanced energy and temperature control modes, process monitoring capabilities, and programming features.

SFX150 Sonifier: 150 watts of power at 40kHz, processing samples from 0.2 up to 150mL

SFX250 Sonifier: 250 watts of power at 20kHz, processing samples from 0.2 up to 500mL

SFX550 Sonifier: 550 watts of power at 20kHz, processing samples from 0.2 up to 1000mL

- Advanced energy control mode delivers precision energy input in continuous or pulse modes
- True Temperature control manages sample temperature within user-specified limits (temperature probe sold separately)
- Control modes include time, temperature, and energy
- Continuous or pulsed ultrasonics in time or energy

Sonifier	Probe	Cat. No.	Each
SFX150, with Traditional Converter	⅛" Microtip	10820-446	3537.22
SFX150, with Handheld Converter*	½" Microtip	75800-280	3530.53
SFX250	½" Tapped	10820-440	4127.58
SFX550	½" Tapped	10820-444	5199.47
SFX550	¾" Solid	10820-442	5842.59

*New

New Handheld Converter available with SFX150





Thermo Scientific™ Nalgene™ Reusable Plasticware

Discoveries can happen any day. So you need to be prepared every day. Nalgene Labware is made from only clean, lab-quality plastic resins that yield dependably lower levels of leachables and extractables, and they don't shatter like glass.

Visit vwr.com/thermoscilabware to learn more and find our complete portfolio of products.

Cleaning & Disinfecting Products



Spray-Zyme: This multi-enzymatic spray creates a heavy foam which lasts for hours, keeping soiled instruments moist to avoid encrustation, while also pre-cleaning prior to processing.

Disinfectant Spray and Wipes: Disinfectant Spray and ready to use wipes are effective against a broad range of pathogens, including H1N1, HIV-1, HPV, VRE, Norovirus, Hep B and C, TB, MRSA, and A. Baumannii with a two minute kill time.

Sklar-Soak: Immersing soiled instruments in ready to use Sklar-Soak for two minutes substantially reduces the risk of exposure to many organisms. It's rust resistant, non-caustic, and specifically designed for stainless steel instruments.



Description	Size	Cat. No.	Price
Spray-Zyme Pre-Cleaner Foam Spray	3.8 L (1 gal.)	89022-266	Ea./200.04
Spray-Zyme Pre-Cleaner Foam Spray	650.6 mL (22 oz.)	89022-264	Ea./334.00
Disinfectant, Spray Bottle	0.7 L (24 oz.)	89022-250	Cs. 6/ 171.36
Disinfectant, Jug	3.8 L (1 gal.)	89022-256	Ea./59.61
Disinfectant, Jug	3.8 L (1 gal.)	89022-254	Cs. 4/ 212.18
Disinfectant, Surface Wipes	236.5 mL (8 oz.)	89218-834	Pk. 100/ 37.73
Sklar-Soak Isopropanol Disinfectant	3.8 L (1 gal.)	89022-216	Cs. 4/ 212.13
Sklar-Soak Isopropanol Disinfectant	3.8 L (1 gal.)	89022-222	Ea./50.91

These specific products are not available in Canada. Please contact your VWR Sales Representative to learn about easy access to similar options available in your region.

For a limited time, buy one and get one FREE!
 Visit vwr.com/promotions and search Promo Code 5232. Offer expires 12.31.2018.



Air-Tite Syringes

Air-Tite Products is proud to present our newest line of quality syringes at economical prices. These syringes have been manufactured to our exacting specifications.

- Smooth gliding plunger
- Disposable plastic syringe
- Sterile, individually wrapped
- Laboratory and veterinary use
- Latex free
- Non-toxic
- Pyrogen free
- Meets ISO standards

Contact your VWR Sales Representative for samples!

Volume, mL	Needle	Cat. No.	Box of	Case of
Luer Lock, with Needle				
1	25g x 5/8"	76124-688	100/ 17.71	1,000/ 161.45
3	18g x 1"	76124-690	100/ 11.86	1,000/ 89.87
3	20g x 1"	76124-522	100/ 7.47	1,000/ 67.40
3	20g x 1 1/2"	76124-524	100/ 7.47	1,000/ 67.40
3	22g x 3/4"	76124-526	100/ 7.47	1,000/ 67.40
3	22g x 1"	76124-528	100/ 7.47	1,000/ 67.40
3	25g x 5/8"	76124-692	100/ 7.47	1,000/ 67.40
5	18g x 1"	76124-694	100/ 15.62	1,000/ 125.40
5	20g x 1 1/2"	76124-696	100/ 15.62	1,000/ 125.40
10	18g x 1 1/2"	76124-698	100/ 16.67	1,000/ 133.24
20	18g x 1 1/2"	76124-530	50/ 15.62	500/ 145.78
Luer Slip, with Needle				
1	25g x 5/8"	76124-672	100/ 9.67	1,000/ 86.21
1	27g x 1/2"	76124-674	100/ 9.67	1,000/ 86.21
3	18g x 1"	76124-676	100/ 11.86	1,000/ 89.87
3	20g x 1"	76124-678	100/ 7.47	1,000/ 67.40
3	22g x 1"	76124-682	100/ 7.47	1,000/ 67.40
3	22g x 3/4"	76124-680	100/ 7.47	1,000/ 67.40
3	25g x 5/8"	76124-684	100/ 7.47	1,000/ 67.40
5	18g x 1"	76124-686	100/ 15.62	1,000/ 125.40
Luer Lock				
1	–	76124-658	100/ 15.62	1,000/ 145.78
3	–	76124-660	100/ 6.95	1,000/ 62.18
5	–	76124-662	100/ 10.97	1,000/ 94.05
10	–	76124-664	100/ 15.15	1,000/ 114.95
20	–	76124-666	50/ 14.11	500/ 125.40
30	–	76124-668	50/ 15.68	500/ 141.08
60	–	76124-670	25/ 14.17	250/ 129.16
Luer Slip				
1	–	76124-644	100/ 7.84	1,000/ 67.93
3	–	76124-646	100/ 6.95	1,000/ 62.18
5	–	76124-648	100/ 10.97	1,000/ 94.05
10	–	76124-650	100/ 15.15	1,000/ 114.95
20	–	76124-652	50/ 14.11	500/ 125.40
30	–	76124-654	50/ 15.68	500/ 141.08
60	–	76124-656	25/ 14.17	250/ 129.16



76124-650, 10 mL Luer Slip



76124-658, 1 mL Luer Lock

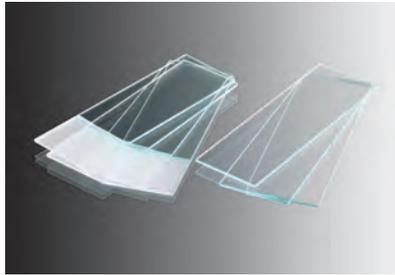


76124-688, 1 mL Luer Lock with attached 25g x 5/8"



VWR VistaVision™ Microscope Slides

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. Double-end frosted also available; visit vwr.com.



L x W	Thickness	Cat. No.	Pack of 72	Case of 1,440
Plain Slides				
75 x 25 mm	1 mm	16004-422	35.15	466.65
75 x 25 mm	1.2 mm	16004-426	76.65	979.57
3 x 1 in.	1 mm	16004-430	31.37	379.87
3 x 1 in.	1.2 mm	16004-424	81.01	1100.38
Single-End Frosted Slides				
75 x 25 mm	1 mm	16004-368	43.72	587.87
3 x 1 in.	1 mm	16005-106	36.84	498.94
3 x 1 in.	1.2 mm	16004-370	78.25	858.09



VWR® HDPE Multipurpose Containers

Chemical-resistant translucent containers are made of high-quality plastic to resist breakage. The matching cap snaps on tight for a secure fit.

Capacity	Cat. No.	Case of
120 mL (4 oz.)	89009-662	250/ 148.58
250 mL (8.5 oz.)	89009-664	250/ 191.27
473 mL (16 oz.)	89009-666	100/ 94.85
946 mL (32 oz.)	89009-668	100/ 160.51
1.9 L (64 oz.)	89009-670	50/ 144.61
2.5 L (84.5 oz.)	89009-672	50/ 184.75
4.7 L (1.25 gal.)	89038-282	25/ 88.56
5 L (1.3 gal.)	89009-674	25/ 258.83

Supermax® Aurelia® Robust™ & Robust Plus Single-Use Gloves

The Supermax Aurelia brand is present in over 145 countries worldwide, from America, to Canada, Europe, the Middle East, Asia and the South Pacific. All Aurelia gloves conform and are tested to the highest international standards, each batch is air-tested to detect pinholes. Featured gloves are ambidextrous and come in a variety of sizes; visit vwr.com to find all options.



Robust™ Blue Nitrile Gloves

- 5 mil thickness for improved puncture resistance
- Special nitrile (NBR) compound, protein free
- Micro-textured finished delivers improved grip
- Latex and powder free

Description	Size	Cat. No.	Box of	Case of
Robust, Thick Blue Nitrile	Large	75997-436	100/ 15.63	1,000/ 143.55



Robust™ Plus Extended Cuff Nitrile Gloves

- Made from high-quality 100% blue nitrile
- Extended 12" cuff, finger textured
- Latex and powder-free
- Meets ANSI level 4

Description	Size	Cat. No.	Box of	Case of
Robust Plus, Extended Nitrile	Large	75999-300	100/ 16.93	1,000/ 169.30



Globe Scientific Tubes, Caps & Racks

Globe Scientific is your one-stop source for the broadest selection of these staples used in all types of laboratories each and every day!



Racks

If you need tubes, you need racks. Our newly expanded line of racks now includes over 20 different styles and 200 SKUs!

- One-piece wireless racks are molded from reinforced nylon for strength and durability, there are no coatings to chip or peel off
- Innovative Grip Racks hold a variety of tube sizes in one autoclavable rack
- Snap-N-Racks offer an economical alternative in a fully autoclavable rack

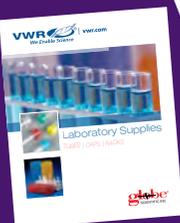
Autoclavable Racks

Description	No. Places	For Tube Size, mm	Color	Cat. No.	Each
Wireless	72	12, 13	White	76170-096	17.00
Wireless	72	16	White	76169-928	17.50
Wireless	36	12, 13	White	76170-214	12.00
Wireless	36	16	White	76170-228	12.00
Grip Rack	50	up to 17*	Blue	89498-054	21.30
Grip Rack	50	up to 17*	Orange	89498-056	21.30
Grip Rack, with Tube Ejector	50	up to 17*	Blue	89498-058	29.10
Grip Rack, with Tube Ejector	50	up to 17*	Orange	89498-060	29.10
Snap Rack	90	12, 13	White	89498-012	15.70
Snap Rack	60	16, 17	White	89498-020	15.70

*Low profile grip racks can accommodate tubes up to 17mm.

Additional sizes, styles, and colors are available; ask your VWR Sales Representative or visit vwr.com.

For more information about the full offering of Globe Scientific tubes, caps, and racks, please contact your VWR Sales Representative or visit vwr.com. You can also ask for your copy of our Tubes, Caps, and Racks brochure (Lit. No. 07145) or request free product samples for your onsite testing and evaluation.



Tubes

We offer an extensive line of plastic and glass test tubes in various styles, capacities, substrates, and packaging configurations.



- Hard-to-find plastic tube sizes such as 11 x 70mm (3mL), 12 x 55mm (3mL), 12 x 86mm (5mL), 16 x 75mm (8mL) and more!
- Flat bottom and screw cap test tubes—including the popular 12 x 75mm (5mL) polypropylene tubes, with red or white screw caps
- High quality premium borosilicate glass culture tubes packaged in shrink wrapped, heavy-duty corrugated boxes to keep them intact and particle-free
- Conical centrifuge tubes with and without screw caps, urine centrifuge tubes, and microcentrifuge tubes are also available

Test Tubes

Description	Volume, mL	Dia. X H, mm	Cat. No.	Case of
Polypropylene	5	12 x 75	89497-814	1,000/ 38.84
Polypropylene	5	13 x 75	60819-968	1,000/ 61.02
Polypropylene	12	16 x 100	89497-832	2,000/ 193.19
Polystyrene	5	12 x 75	89209-796	1,000/ 31.40
Polystyrene	5	13 x 75	60819-970	1,000/ 35.00
Polystyrene	12	16 x 100	89497-828	2,000/ 166.16
Borosilicate Glass	5	12 x 75	490015-324	1,000/ 44.50
Borosilicate Glass	12	16 x 125	490015-330	1,000/ 110.70

Caps

Most tubes at some point will need a cap, and as you'd expect, we have a cap for every available tube.



- Single and double tab snap caps, flange plug caps, dual position culture tube closures, pierceable stoppers, and more
- Best selling universal fit caps may be the only caps your lab ever needs; suitable for most 12mm, 13mm, and 16mm plastic tubes
- Ask your VWR Sales Representative about our new, economically priced Diamond Culture Tube Caps
- All caps are also available in a wide variety of bright, attractive colors

Polyethylene Caps

Description	Dia., mm	Color	Cat. No.	Pack of 1,000
Flanged Plug	12	Natural	60820-140	18.44
Flanged Plug, Tiered	13	Natural	89206-925	18.44
Flanged Plug	16	Clear	89497-846	25.60
Single Tab Snap	13	Natural	89209-806	24.71
Single Tab Snap	16	Natural	89209-808	25.54
Universal Snap	12, 13, 16*	Natural	89206-996	29.20
Universal Snap	12, 13, 16*	Blue	89206-912	29.20

*Universal Snap Caps are ideal for recapping most 12mm, 13mm, and 16mm evacuated glass blood collection tubes. Additional sizes, styles, and colors are available; ask your VWR Sales Representative or visit vwr.com.



designed for protection



VWR® Pop Up Razor Blade Dispenser

The VWR Reloadable Pop Up Dispenser System is ideal for Tissue Block Trimming and Grossing.

- Reduce injuries
- Heavy duty design
- Easy to load/remove cartridge
- Flip open front
- Non-skid, heavy bottom
- In-use blade holder
- Reloadable



Description	Cat. No.	Case of 5
Pop Up Razor Blade Dispenser	10835-969	281.06

VWR® Pop Up Blade Dispenser Refill Cartridges

Blade Steel	Blade Size, in.	Coated Blade	Backing Material	Washed, Degreased	Cat. No.	Case of 1,000 Pack of	Case of 5
2 Facet Blades							
Carbon	.009	No	Steel	Yes	10835-967	100/ 30.35	229.75
Carbon	.009	No	Steel	No	10835-981	100/ 15.34	115.75
Carbon	.012	No	Steel	Yes	10835-965	90/ 25.54	200.46
3 Facet Blades							
Stainless	.009	Yes	Steel	No	10835-971	100/ 39.63	299.97
Carbon	.009	No	Steel	Yes	10835-973	100/ 37.55	284.22
Stainless	.009	Yes	Steel	Yes	10835-963	100/ 48.40	366.31
Carbon	.009	No	Steel	No	10835-975	100/ 25.28	191.28
Stainless	.009	No	Steel	Yes	10835-977	100/ 44.89	339.71
Stainless	.009	No	Stainless	Yes	10835-979	100/ 58.18	440.40



Refill Cartridges are packaged 10 cartridges per case. Each cartridge is labeled with a blade type detail ("CS" for carbon steel blades, "SB" for steel back blades, "W" for washed blades, or "3" for 3 facet blades). The clamshell packaging is cleanroom ready.

SAVE MONEY! Save Your Sharps Container for Sharps

USE Whitney's Space-Saving Disposable Bench-Top Keeper™ for NON-SHARPS Disposal!



Description	Cat. No.	Case of
Whitney Biohazard Bench-Top Keeper Small	11214-708	100/ 247.27
Whitney Biohazard Bench-Top Keeper Large	11214-711	50/ 217.25
Whitney Broken Glass Keeper Bench-Top Model	11214-713	50/ 202.80
Whitney Safe-Keeper™	11214-717	200/ 286.34
Whitney Pipet Keeper™	11214-715	50/ 186.06



It costs you MORE when you put non-sharps in your sharps container!

FREE SAMPLE PACK - Try this and 4 other Bench-Top™ waste solutions FREE!
Visit vwr.com/promotions and enter Promo Code 4148 to redeem.

Offer expires 12.31.2018. This specific sample offer is not available in Canada. Please contact your VWR Sales Representative to learn about similar options in your region.



designed for every day use



VWR® All-Purpose Disposable Cloth-Like Wipes

All-purpose cloth-like wipes are safe for skin contact, with no rinse required. Wipes are sensitive and soft enough for use on skin, and they are also versatile enough for use on surfaces. A super absorbent layer of air-lay cellulose provides both softness and strength.

- Soft cloth-like material
- No rinse, skin formula
- Alcohol-free

W x L, cm (in.)	Cat. No.	Pack of 50	Case of
25.4 x 33 (10 x 13)	82020-458	13.10	1,000/ 138.13
33 x 33 (13 x 13)	82020-456	13.16	800/ 140.70



VWR® Laboratory Bench and Table Protectors with Leakproof Moisture Barrier

Super absorbent bench protectors feature a two-layer, cushioned construction that is ideal for use in a laboratory or veterinary setting. The air-lay cellulose layer provides cushion for laboratory equipment and glassware to prevent breakage, while the leakproof plastic backsheet protects tables and benches from spills and moisture. Material can be cut to the desired size.

- Two layers of protection
- Can be cut to desired size
- Sold in rolls or as mats

W x L, cm (in.)	Cat. No.	Case of
50.8 x 4580 (20 x 1800) Roll	89126-790	2/ 115.67
50.8 x 9150 (20 x 3600) Roll	89126-792	2/ 226.42
45.7 x 50.8 (18 x 20) Mat	89126-794	350/ 137.60



VWR® Absorbent Bench Underpads

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.



- Three-layer construction
- Sealed on two 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.

W x L, cm (in.)	Absorbency, mL	Color	Cat. No.	Pack of	Case of
Absorbent Bench Underpads, Standard					
43.2 x 61 (17 x 24)	200	Blue	82020-845	50/ 26.90	300/ 115.16
43.2 x 61 (17 x 24)	260	Blue	56617-006	–	300/ 134.22
43.2 x 61 (17 x 24)	200	Blue	56617-014	–	300/ 100.55
58.4 x 61 (23 x 24)	280	Blue	56616-031	–	200/ 93.84
58.4 x 61 (23 x 24)	320	Blue	56617-008	–	200/ 90.16
58.4 x 91.4 (23 x 36)	420	Blue	56617-016	–	150/ 100.83
71.1 x 76.2 (28 x 30)	550	Blue	56616-020	–	150/ 149.39
71.1 x 91.4 (28 x 36)	770	Blue	56616-022	–	100/ 159.95
Absorbent Bench Underpads, Deluxe					
43.2 x 61 (17 x 24)	340	Blue	56617-018	10/ 7.37	300/ 146.62
43.2 x 61 (17 x 24)	340	Blue	56616-018	–	300/ 159.50
58.4 x 61 (23 x 24)	410	Blue	56616-032	–	200/ 140.99
58.4 x 91.4 (23 x 36)	600	Blue	56617-000	–	150/ 156.67
58.4 x 91.4 (23 x 36)	680	Blue	56616-030	–	150/ 119.28
Absorbent Bench Underpads, Super Deluxe					
76.2 x 76.2 (30 x 30)	1200	Green	56617-034	–	100/ 131.95



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VWR COLLECTION **designed for precision**

VWR® Clinical Laboratory Trinocular Microscope

Planachromatic and Phase Contrast objectives make this microscope ideal for research work. These features, combined with the ergonomic, anti-fatigue design allow for long hours of comfortable observation.

- Trinocular Siedentopf type head with a 30° inclination and 360° rotating capabilities
- Widefield eyepieces, WF 10X/20mm
- Reversed quintuple nosepiece
- Coaxial coarse and fine focusing adjustment
- Built-in low position coaxial mechanical stage
- Special five-hole turret type Abbe condenser 1.25 N.A. with choices for phase contrast 10X, 40X, 100X
- Brightfield and darkfield attaching, centering telescope
- Koehler illumination halogen lamp (12V/20W) with intensity control
- Light distribution: 100/0, 20/80



Description	Cat. No.	Each
Clinical Laboratory Trinocular Microscope	89404-474	2427.22