

The science and safety
behind the white suits
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Innovative TKN method makes TKN analysis timely,
simple, safe and environmentally responsible
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Maintaining a safe working environment

A comprehensive safety program includes both PPE and workplace safety.

At VWR, part of Avantor, we make it our priority to provide the broadest range of Safety and Industrial supplies, without any limitations.

Learn more about our entire portfolio at [vwr.com/safety](https://www.vwr.com/safety) today!



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solutions for protection



VWR® CERTICLEAN® CLASS 10 NITRILE GLOVES

- Ambidextrous
- Powder-free
- Long, tapered beaded cuff
- Superior strength and puncture resistance
- COA and quality data available



Nitrile is superior in strength and puncture resistance compared to other glove compounds. Film thickness designed for comfort and tactile sensitivity.

Gloves are 6.3 mil thick at fingers and 5.1 mil thick at palms. Textured fingertips for a reliable grip. Uncompromising manufacturing processes yield consistently low particle counts.

Proprietary nitrile, silicone-free formulation, and specialized manufacturing processes result in consistently low levels of ionic extractables and nonvolatile residue (NVR) transfer.

In-use static dissipative properties superior to natural rubber latex.

Size	Cat. No.	Case of
X-Small	40101-353	1000
Small	40101-352	1000
Medium	40101-354	1000
Large	40101-356	1000
L+	40101-357	1000
X-Large	40101-358	1000

Length: 30.5 cm (12")



VWR® POLY BAGS, FLAT

- Flat bags are made with an extra-strong bottom seal or a durable side weld
- Three times the impact and twice the tensile strength of traditional LDPE bags
- Made with 100% renewable energy



Excellent vapor and moisture barrier

Thickness	W x L, in.	Cat. No.	Case of
1.25 mil	40 x 60	89071-554	250
1.5 mil	4 x 6	89069-100	1000
1.5 mil	15 x 20	89069-306	1000
1.5 mil	18 x 24	89069-326	1000
2 mil	12 x 18	89069-678	1000
2 mil	24 x 36	89069-772	250
3 mil	48 x 48	89070-170	100
4 mil	12 x 18	89070-372	500
4 mil	32 x 56	89070-504	100
6 mil	4 x 6	89072-360	1000

Visit vwr.com for additional options.



Sterile clean-processed gloves for controlled environments

DURAPRENE™ CP, STERILE POWDER-FREE GLOVES

- Synthetic neoprene material for durability
- Interlocking, beaded cuff design
- Smooth finish for easy double-donning
- Tested for resistance to permeation from various chemicals and cytotoxic chemicals
- Does not contain natural rubber latex



Contact your VWR sales representative for special pricing

Size	Length	Thickness	Cat. No.	Case of
5.5	30.5 cm (12")	8 mil	89027-156	200
6	30.5 cm (12")	8 mil	89027-158	200
6.5	30.5 cm (12")	8 mil	89027-160	200
7	30.5 cm (12")	8 mil	89027-162	200
7.5	30.5 cm (12")	8 mil	89027-164	200
8	30.5 cm (12")	8 mil	89027-166	200
8.5	30.5 cm (12")	8 mil	89027-168	200
9	30.5 cm (12")	8 mil	89027-170	200



Uncomplicated, uncompromising protection

DUPONT™ TYCHEM® GLOVES

When paired with a suitable Tychem® Garment, DuPont Personal Protection provides a single system for workplace chemical hazard protection needs.

- Tychem® NT430 Nitrile Gloves provide resistance to oils, hydrocarbons and greases. These lightweight gloves have a "second-skin" feel and are easy to put on and remove.
- Tychem® NT480 Nitrile Gloves are resistant to a range of solvents, animal fats and other chemicals. A flock-lining provides enhanced comfort and the bisque finish allows for secure handling in wet and dry conditions.
- Tychem® NP530 Neoprene Gloves are resistant to a wide range of chemicals while remaining comfortable, flexible, and tactile sensitive.
- Tychem® NP570 CT Neoprene Gloves protect against the dual risk of chemical exposure and cut with ANSI level A5 cut protection.



Size	Thickness, mil	Cat. No.	Box of
Tychem NT430 Nitrile Gloves			
6	9	76323-410	288
7	9	76323-412	288
8	9	76323-414	288
9	9	76323-458	288
10	9	76323-460	288
11	9	76323-462	288
Tychem NT480 Nitrile Gloves			
6	15	76323-492	288
7	15	76323-494	288
8	15	76323-496	288
9	15	76323-498	288
10	15	76323-500	288
11	15	76323-502	288
Tychem NP530 Neoprene Gloves			
7	26	76323-506	288
8	26	76323-508	288
9	26	76323-510	288
10	26	76323-512	288
Tychem NP570 CT Neoprene Cut-Resistant Gloves			
8	68	76323-522	144
9	68	76323-524	144
10	68	76323-526	144
11	68	76323-528	144



Visit vwr.com for more styles.

The science and safety behind the white suits

By Dr. Alex Bradley

Providing safer work environments through education, awareness and training is a critical process; meanwhile navigating the broad landscape of industry standards, complex regulations, chemical cleaning or biological safety requirements can be challenging.

When it comes to personal protective equipment (PPE) ensembles, the wide variety of options ranging from coveralls, sleeves and shoe covers can make the selection of the right PPE difficult. Fortunately, industry advancements ranging from communication technologies, analytical capabilities and material science allow for continuous improvement in the selection of PPE relative to workplace health and safety.

TYVEK® PROTECTIVE APPAREL

All white suits may look the same, but only DuPont™ Tyvek® stands out where you need it most: on the job. Tyvek® offers unmatched protection, improved breathability and better garment durability. Lighter than spunbonded-meltblown-spunbonded (SMS) and microporous film (MPF), Tyvek® fabric's durability advantage delivers consistently better barrier, even after wear and abrasion.

DuPont Personal Protection offers a comprehensive selection of clean-processed and sterile single-use clothing designed to support your controlled environment gowning needs. Tyvek® IsoClean® provides a barrier against dry particles, microorganisms and nonhazardous liquids, for protection of the workers as well as the products. Tyvek® Micro-Clean® 2-1-2 delivers the particle barrier, durability, and comfort of Tyvek® with a unique blue color. With blue and white coverall color options, you can distinguish workers within multipurpose facilities. Color coding might be used to designate workers that are allowed in restricted areas or can perform certain tasks, or to easily identify team leaders or supervisors.





Protect against biohazards and a broad range of chemicals

solutions for protection

VWR® GRIP EXAMINATION GLOVES

Ideal for all industrial and laboratory tasks, these fully textured gloves feature a wavy grip designed to enhance traction on both wet and oily surfaces.

Gloves protect against biohazards and a broad range of chemicals, and are also food contact approved. Composition is 100% latex-free to eliminate adverse reactions associated with natural rubber latex proteins.

- Ambidextrous
- Powder-free and latex-free
- Fully textured with wavy grip design
- Protect hands from a broad range of chemicals
- Extended length beaded cuffs (10.5") for maximum protection

PROSHIELD® 80 COVERALLS

DuPont™ ProShield® 80 coveralls are designed for industrial occupations that require protection from contact with blood and bloodborne pathogens. Depending on the task and degree of exposure anticipated, industry standards such as OSHA 1910.1030 for occupational exposure to blood or other potentially infectious materials are critical to help determine the appropriate PPE.

The manual (HHS Publication No. (CDC) 21-1112) for Biosafety in Microbiological and Biomedical Laboratories (BMBL) establish PPE guidelines. ProShield® 80 coveralls can be considered a part of an overall PPE ensemble following a thorough hazard assessment for the following occupations: lab testing, animal science, emergency response, and biohazard remediation.

SAFESPEC™

Sometimes workers are faced with potentially hazardous chemical exposure. DuPont™ SafeSPEC™ is a digital, customer-focused product selector tool that allows users to search by hazard, industry, brand/fabric, design, seam, and certifications. Thousands of chemicals have been permeation tested against our fabrics, including our highest level of chemical protection, DuPont™ Tychem®. SafeSPEC™ also serves as a database for garment and accessory data, literature and videos, technical information, and frequently asked questions. Available on the web at www.safespec.dupont.com and as an app for your tablet or mobile phone, SafeSPEC™ is free of charge and accessible anytime and anywhere.

Ideal for all industrial and laboratory tasks



Size	Cat. No.	Pack of	Case of
XS	76209-772	50	5000
S	76209-774	50	5000
M	76209-776	50	5000
L	76209-778	50	5000
XL	76209-780	50	5000
XXL	76209-782	50	5000

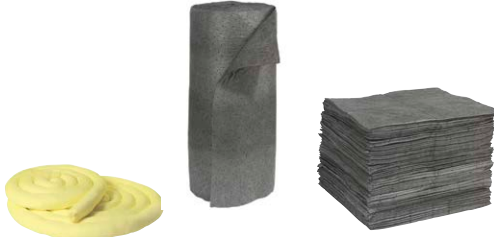
solutions for protection



VWR® GENERAL-PURPOSE, OIL-ONLY, AND HAZMAT PADS AND ROLLS

- High-capacity absorbents stay on the job longer and are perfect for stocking spill kits
- Absorbents soak up oil, water-based liquids, petroleum products, and solvents
- Hazmat absorbents soak up aggressive fluids such as acids, caustics, and bases

Keep floors at your workplace clean, dry and safe



Description	Size	Cat. No.	Unit
General-Purpose Pads	15 x 19"	82028-028	Pack of 100
General-Purpose Roll	30" x 150'	82028-018	Roll
Oil-Only Pads	15 x 19"	82028-020	Pack of 100
Oil-Only Roll	30" x 150'	82028-022	Roll
Hazmat Pads	15 x 19"	82028-024	Pack of 100
Hazmat Roll	30" x 150'	82028-026	Roll
Hazmat Pillows	18 x 8 x 2"	89169-002	Case of 30
Hazmat Socks	3 dia. x 48"	89169-000	Case of 20



DUPONT™ TYCHEM® 4000 BIB APRONS

DuPont™ Tychem® 4000 delivers effective protection against a range of chemical environments. It utilizes Saranex™ 23-P film laminated to Tyvek® fabric to provide a rugged and durable fabric that resists abrasion.

- Neck loop
- Waist ties
- Bound seams
- One size fits most



Height	Length	Color	Cat. No.	Case of
27¾"	43½"	White	13452-842	50

solutions for protection



VWR® BLACK NITRILE EXAMINATION GLOVES

Advanced nitrile material formulation features added thickness to provide excellent barrier protection. The formulation with a fully textured surface for excellent barrier protection, durability, and abrasion resistance during extended wear. The black color offers a sleek look and versatility for various applications.

- Powder-free and latex-free
- Beaded cuffs
- Ambidextrous
- Thickness: 5.5 mil (Finger), 4.5 mil (Palm), 3.5 mil (Cuff)

Produced in ISO certified facilities



Size	Cat. No.	Box of	Case of
Small	76307-462	100	1000
Medium	76307-464	100	1000
Large	76307-466	100	1000
X-Large	76307-468	100	1000

Length: 9.5"



JACKSON SAFETY® V10 ELEMENT™ SAFETY EYEWEAR

- 9.5-base curved lens, wide field of vision
- Universal nose bridge
- Uncoated, 100% polycarbonate lens
- Dielectric, thermoplastic construction
- Meets ANSI Z87.1+ standards

99.9% U.V. protection



Frame Color	Lens Tint	Cat. No.	Unit
Black	Indoor/Outdoor	89130-926	Each, Pack of 12
Black	Smoke	89130-924	Each, Pack of 12
Clear	Clear	89130-922	Each, Pack of 12
Light Blue	Light Blue	89217-740	Pack of 12



**MICROCHEM® BY ALPHATEC™ 68-3000
CHEMICAL PROTECTION COVERALLS**

MICROCHEM® by AlphaTec™ 3000 features one of the lightest and most comfortable chemical protective materials on the market today.

- Multi-layer barrier fabric effective against numerous chemicals
- Bright yellow for improved worker safety
- Typical coverall features include dual zip systems and double cuffs
- Antistatic tested according to EN1149-5 and AATCC76

Typical areas of application include chemicals, oil and petrochemicals, pharmaceutical, food industry (caustic clean downs), sewage purification installations, industrial and tank cleaning, and mining.



Size	Cat. No.	Unit
Small	10836-218	Each, Case of 6
Medium	10836-220	Each, Case of 6
Large	10836-222	Each, Case of 6
X-Large	10836-224	Each, Case of 6
2X-Large	10836-428	Each, Case of 6
3X-Large	10836-430	Each, Case of 6
4X-Large	10836-432	Each, Case of 6
5X-Large	10836-434	Each, Case of 6



Limited-time savings!



SAVE UP TO \$145

UN/DOT, HIGH-DENSITY POLYETHYLENE WASTE CONTAINERS

Foxx Life Sciences UN/DOT containers are an affordable solution for waste collection. UN/DOT carboys ensure dangerous materials are transported safely, eliminating the transfer of hazardous waste from satellite accumulation area to a larger waste container.

- Reduces laboratory exposure to toxic VOC
- HDPE carboy with a 70mm polypropylene close cap
- UN/DOT approved to direct up and transfer to waste center for disposal
- UN/DOT rated for Group II Hazardous Chemicals
- VersaCap® Technology compatible
- Large grip handle

Capacity	Cat. No.	Unit
13.5 L	MP75805-548	Each
13.5 L	MP76018-504	Pallet of 128
20 L	MP75805-550	Each
20 L	MP75995-084	Pallet of 96

No redemption required, simply order using these promotional part numbers. They are available for a limited time, must be used at the time of purchase, and may be ordered via the "ORDER ENTRY" link on vwr.com. (Promotional part numbers cannot be found via Search on vwr.com.) For assistance with ordering, please contact VWR Customer Service at 1.800.932.5000. Offer expires 5.1.2020. Promo Code 5541.

SAMPLING

solutions for every day use



VWR® SAMPLING SCOOPS

Special handle construction and the slightly angled edge stands horizontal and can be laid down without the material trickling out.

- Ideal for the sampling of powder, granules and pastes
- Individually packed, gamma radiation sterilized

Certifications: Production, assembling and packaging according to cleanroom Class 7 (10,000). Complies with food and FDA guidelines.



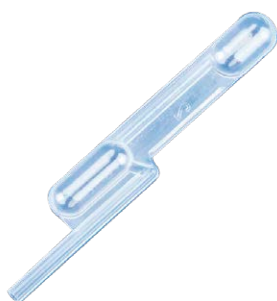
Capacity	Length	Cat. No.	Pack of
25 mL	141 mm	76319-868	100
50 mL	160 mm	10820-349	100
100 mL	205 mm	76319-870	100
150 mL	216 mm	10820-351	100
250 mL	232 mm	76319-902	100
500 mL	280 mm	76319-904	100



EXACT VOLUME TRANSFER PIPETS

Produced from a custom grade low-density polyethylene (LDPE), these unbreakable, one-piece pipets are used to draw and dispense liquids in controlled, reproducible drop sizes.

- Non-toxic and chemically inert to biological fluids and most acids
- Easy to grip with gloves
- Temperature range: -50 to 90°C
- Can be gas (EtO) sterilized



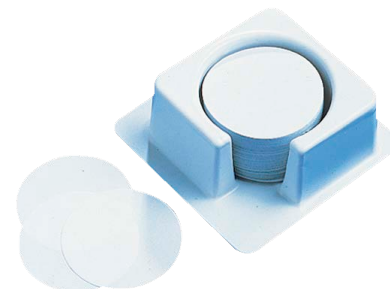
Capacity	Overall Length	Cat. No.	Case of
50 µL	59 mm	89497-718	5000
75 µL	75 mm	89497-720	5000
100 µL	83 mm	89497-722	5000
200 µL	115 mm	89497-724	5000
250 µL	104 mm	89497-726	5000



TEFLO AIR SAMPLING MEMBRANES

Membranes offer increased durability for hostile testing environments or acid aerosol monitoring. They feature a unique PMP (polymethylpentene) support ring for PM10 and PM2.5 dichotomous and other air sampling techniques.

- Strong, chemically resistant PTFE
- Increased durability
- Typical aerosol retention: 1 and 2 µm: 99.99%; 3 µm: 99.79%



Diameter	Pore Size	Cat. No.	Pack of
25 mm	3 µm	28139-131	50
37 mm	1 µm	28150-400	50
37 mm	2 µm	28139-109	50
47 mm	2 µm	28139-129	50
47 mm	3 µm	87003-880	50



SAFETY-COATED REAGENT BOTTLES

Amber, narrow mouth bottles with caps are used for distilled water, analytical standards and reagents. Metal foil liners are generally more resistant to organic solvents. The strength, slip resistance and impact absorption qualities of the plastisol safety coating reduce potential breakage and exposure to hazardous materials.



Create a safe work environment with Wheaton Safety Coated Bottles



Capacity	Cap Size	Cap Type	Cat. No.	Case of
237 mL	24-400	Bottles Only, Cap Not Included	16150-048	48
473 mL	28-400	Aluminum Foil-Lined Black Phenolic Cap	16150-056	24
473 mL	28-400	Aluminum Foil-Lined Black Phenolic Cap	16150-058	12
473 mL	28-400	PE Cone LDPE-Lined Black Phenolic Cap	16150-068	24
473 mL	28-400	PE Cone LDPE-Lined Black Phenolic Cap	16150-070	12
473 mL	28-400	PTFE-Faced, Rubber-Lined Black Phenolic Cap	16150-400	24

Visit vwr.com for additional options.

Browse the largest selection of USP/NF/FCC chemicals in the industry



For a complete list
of Spectrum Chemical
products visit
vwr.com/spectrum

Description	Size	Packaging	Cat. No.	Unit
Iodine ≥99.8%, Crystals USP, Resublimed (DEA List I Chemical)	500 g	Amber Glass	75812-748	Each
Dimethyl Sulfoxide, ≥99.9% USP	4 L	Amber Glass	95032-946	Each
Ethanol ≥99.5% (v/v) USP, 200 Proof (Not Denatured)	4 L	Amber Glass	89085-244	Each
Calcium Chloride Dihydrate, ≥99% USP, Ph. Eur., BP, JP	500 g	Poly Bottle	95032-248	Each
Polysorbate 80 NF	4 L	Amber Glass	95035-058	Each
Glycerine (Synthetic) ≥99% USP, Ph. Eur., BP, JP	4 L	Poly Bottle	95033-432	Each



The 2020 Avantor® portfolio of chemicals

Delivering results from beaker to bulk

Enabling research, development, manufacturing and quality control. Now more than ever, chemicals remain critical to advancing human health, limiting our environmental impact, and enabling tomorrow's cutting-edge technologies.

Our laboratory chemical brands prove their value by helping solve the many challenges in biomedical research, environmental and forensic work, as well as clinical diagnostics and materials science.

Our production chemical lines are key components in the manufacturing of life-saving medicines, novel biomaterials, critical diagnostic tools, and advanced technology products.

Get your own copy today, visit vwr.com/chemicals


 avantor™


Fine catalysts for your research applications

Visit vwr.com/alfa to learn more about our complete portfolio!

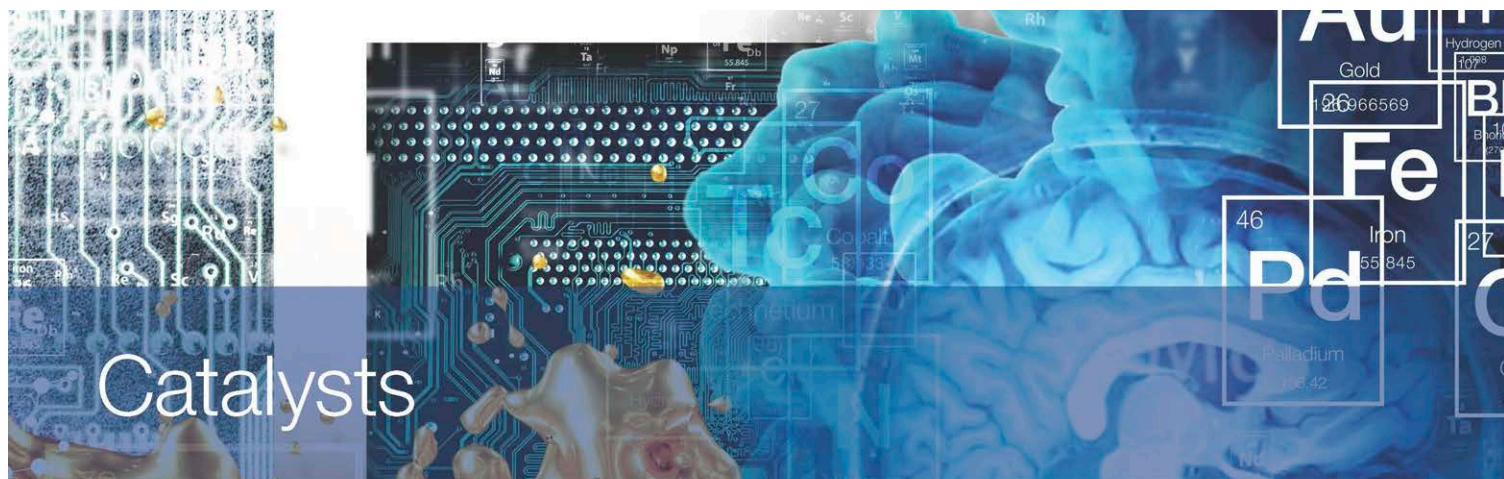
Explore the Alfa Aesar portfolio of metal catalysts

We offer a full range of metal catalysts in varying purities and concentrations.

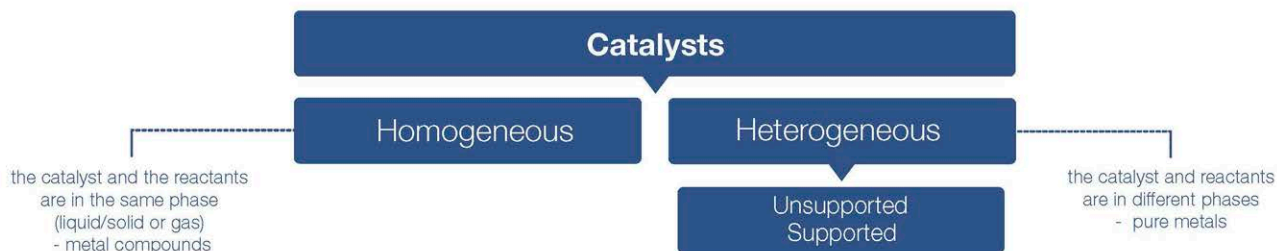
- Homogeneous catalysts
- Supported and unsupported heterogeneous catalysts
- Fuel cell catalysts

Our fine transition metal and precious metal catalysts are used extensively in the research laboratory and in industrial processes, in areas as varied as pharma/biopharma, petrochemicals, fuel cells and environmental remediation. We are also constantly developing new catalytic materials for novel applications.

Description	Size	Cat. No.	Unit
Homogeneous Catalysts			
Ammonium Tetrachloroplatinate (II), 99.9% (metals basis), Pt 51% min.	1g	AA11046-03	Each
Palladium(II) Chloride, 99.9% (metals basis), Pd 59.0% min.	10g	AA11034-09	Each
Ruthenium (III) Nitrosylnitrate, Ru 31.3% min.	5g	AA12175-06	Each
Tetrakis (Triphenylphosphine) Palladium(0), 99.8% (metals basis), Pd 9% min.	10g	AA10548-10g	Each
Potassium Tetrachloroplatinate (II), 99.9% (metals basis), Pt 46.0% min.	5g	AA11048-06	Each
Heterogeneous Catalysts			
Nickel on Silica-Alumina, Catalyst	5g	AA31276-06	Each
Palladium, 10% on Activated Carbon Powder, Type 58, Standard, Reduced, Nominally 50% Water Wet	5g	AA44350-06	Each
Platinum, 5% on Alumina Powder, Reduced	5g	AA44222-06	Each
Ruthenium, 2% on 3.18mm (0.125in) Alumina Pellets	25g	AA44575-14	Each
Ruthenium, 5% on Alumina Powder	100g	AA11749-22	Each
Electro Catalysts			
Iridium (IV) Oxide 50%	5g	AA47491-06	Each
Platinum, Nominally 10% on Carbon Black	5g	AA47357-06	Each
Platinum, Nominally 18%, Cobalt, Nominally 1%, Nickel, Nominally 1% on Durable Carbon Support	5g	AA47362-06	Each
Platinum, Nominally 27%, Cobalt, nominally 3% on Vulcan XC72 Carbon	5g	AA47395-06	Each
Platinum-Ruthenium Black, 67:33	5g	AA47399-06	Each



Catalysts





Simplify complex titration

Automatic titration
without all the
complications

TITRALAB® AT1000 SERIES POTENTIOMETRIC TITRATOR, BURETTE & PUMP

- Reliable titration results
- Eliminates operator interpretation and manual processes
- Simple setup and titration
- Application-specific functions

Eliminate operator interpretation and manual processes with automatic titration to quickly deliver accurate and repeatable results. Pre-programmed titration methods detect end points and eliminate manual calculations to make results easier to achieve without advanced programming. Application-specific functions eliminate complex titration setup and analysis.

Unique application kits make it quick for anyone to set up and operate a test. Recommended application packages include:

- Water: chlorides
- Food & Beverage: pH & total acidity
- Food & Beverage: salt; water: Ca & Mg hardness (ISE)

Application Packages for use with TitrLab 1000 Series titrators from Hach contain all elements but reagents to make it quick and easy for anyone to set up and operate a test. Each Application Package is specifically designed for unique parameters to ensure accurate and reproducible measurements at a glance. Packages include adapters, glass bottle, magnetic stirring bars, polypropylene beakers, bottle stopper with desiccant tube, electrode(s) (Digital IntelliCAL® or Analogue), high precision glass syringe (Hamilton) and USB key containing application notes and applications to automatically program titrators for selected parameters. Setting up your application has never been so simple.



Description	Cat. No.	Unit
TitraLab AT1000 Series Potentiometric Titrator	10662-254	Each

Titration Application Packages	For Use With AT1000 Series, Automatic Titrator Models	Determination of (Application)	Cat. No.	Unit
Biogas: FOS/TAK	AT1102/AT1112/AT1122/AT1222	FOS/TAK (Biogas)	10662-174	Each
Food & Beverage: pH and Total Acidity	AT1102/AT1112/AT1122/AT1222	pH and Total Acidity in food and beverages	10662-158	Each
Food and Beverage: Salt	AT1112/AT1122/AT1222	Salt in food products	10662-162	Each
Petrochemistry: Bromine Number	AT1102/AT1112/AT1122/AT1222	Br ₂ /I ₂ Index in Petrochem	10662-242	Each
Petrochemistry: R-SH (Thiol)	AT1112/AT1122/AT1222	R-SH (Thiol) in Petrochem	10662-240	Each
Petrochemistry: TAN (Total Acid Number)	AT1102/AT1112/AT1122/AT1222	Total Acid Number in Petrochem	10662-164	Each
Petrochemistry: TBN (Total Base Number)	AT1102/AT1112/AT1122/AT1222	Total Base Number in Petrochem	10662-166	Each
Water: Ca and Mg Hardness (ISE)	AT1112/AT1122/AT1222	Calcium and Magnesium Hardness in water	10662-168	Each
Water: Chlorides	AT1112/AT1122/AT1222	Chlorides in water	10662-160	Each
Water: pH/EC and Alkalinity	AT1102/AT1112/AT1122/AT1222	pH/EC and Alkalinity in water	10662-264	Each
Water: pH and Alkalinity	AT1102/AT1112/AT1122/AT1222	pH and Alkalinity in water	10662-262	Each
Water: Total Hardness (Color)	AT1112/AT1122/AT1222	Calcium and Magnesium Hardness in water	10662-170	Each

Innovative TKN method makes TKN analysis timely, simple, safe and environmentally responsible



Total Kjeldahl Nitrogen (TKN) is the total concentration of organic nitrogen and ammonia in a sample. It is used as an indicator for wastewater treatment performance and can be found on many industrial NPDES permits.

The traditional TKN method requires more than three hours of digestion and distillation at high temperatures using hazardous acid and catalysts, expensive equipment and a large lab space.

Hach's EPA-approved simplified-TKN method transforms the complex, traditional method of testing TKN into a quick, accurate and inexpensive test that minimizes training and equipment requirements. The method takes approximately one hour from start to finish (as compared to a four- to six-hour procedure with the traditional method). The Hach method removes hazardous mercury and large volumes of acid, offering users peace of mind and improving safety. It produces the results of three tests (TKN, Total Nitrogen, and $\text{NO}_3^- + \text{NO}_2^-$) in one method, providing valuable, timely data.

In the simplified TKN method, inorganic and organic nitrogen are oxidized to nitrate by digestion with peroxodisulfate. The nitrate ions react with 2,6-dimethylphenol in a solution of sulfuric and phosphoric acid to form a nitrophenol. Oxidized forms of nitrogen

in the original sample ($\text{NO}_3^- + \text{NO}_2^-$ due to sample preservation) are determined in the second test vial and then subtracted, which results in TKN.

Like the inventive sTKN reagent kit, all Hach® Test-in-Tube® (TNTplus) reagents have been designed to make spectrophotometric measurements simple, accurate, safe and environmentally responsible.

The Hach® DR3900 Spectrophotometer and TNTplus System encompasses every aspect of spectrophotometric measurement, building in accuracy and precision at every step. TNTplus reagents are analyte-specific pre-dosed chemistries which are reacted and measured in a single disposable glass vial. The DR3900 spectrophotometer contains calibration curves for each TNTplus chemistry, measuring the absorbance of the sample vial and providing an accurate concentration result.

Hach TNTplus chemistries are available for all of the most common water quality parameters. From drinking water to wastewater, the DR3900-TNTplus system is the simplest, safest, most accurate spectrophotometric solution.

See www.com/hach for more details.



General purpose centrifugation

ALLEGRA X-30 CENTRIFUGE SERIES

- 29,756 x g (18,000 RPM) maximum in fixed-angle rotor (refrigerated model)
- 4,255 x g (4,700 RPM) maximum in 4x400 mL swinging- bucket rotor (refrigerated model)
- Space-saving footprint — only 18.1" wide

Allegra® X-30R



MICROFUGE 20 SERIES MICROCENTRIFUGES

- Quickly process samples at maximum speeds of up to 15,000 RPM (20,627 x g)
- Maximum capacity of 36 x 1.5/2.0 mL tubes
- Easy-to use interface and up to 10 user-defined programs for common protocols



Microcentrifuge® 20 IVD

Description	Capacity	Cat. No.	Unit
Microfuge® 20 IVD Microcentrifuge with FA241.5P Rotor	24 x 1.5/2.0 mL	89429-540	Each
Allegra® X-30R Refrigerated Benchtop Centrifuge	4 x 400 mL	BKB06320	Each

IVD: In Vitro Diagnostics



HEI-VAP CORE ROTARY EVAPORATORS

DESIGNED TO ACCESS THE BASIC PARAMETERS ROTATION SPEED AND HEATING BATH TEMPERATURE AT ANY TIME

- Clear digital display showing actual and set values
- Accidental changing of the values can be prevented by the lock function
- Standby function and residual heat warning at heating bath temperatures above 50°C
- Intuitive LED ring light system makes activated functions clearly visible even from a distance



Description	Electrical	Material	Cat. No.	Unit
Hei-VAP Core, ML, G1	115 V	Stainless Steel	76320-930	Each
Hei-VAP Core, HL, G3	115 V	Stainless Steel	76320-762	Each
Hei-VAP Core, HL, G6	115 V	Stainless Steel	76320-768	Each

For more information and many additional models visit vwr.com.

Microscopes designed for the next generation of scientists

The DM300 Compound model features an ergonomic body style, light intensity control, right hand Stage stand with a four-position nose piece, universal power supply, mechanical stage with slide holder, pre-centered and pre-focused Abbe condenser with adjustable iris and labels for matching objective magnifications, and LED illumination with continuous intensity control.

The DM1000 Basic Lab Package is a step up for a general laboratory microscope, ideally used for clinical laboratory applications, cytology, hematology and pathology.

More microscope packages are available on VWR.COM



Description	Head Type	Illumination	Includes	Cat. No.	Unit
DM300 Compound Microscope	Binocular	LED	4X, 10X, 40X, 100X Plan Objectives	470136-868	Each
DM1000 LED Microscope with LED Light Source, Basic Lab Package	Monocular	LED	4X, 10X, 40X, 100X Plan Objectives	10052-384	Each
Power Cord for Leica DM300 & KM100 Series	-	-	-	470217-312	Each

Exclusive offers

METTLER TOLEDO

Are the balances in your lab extinct?

TRADE IN YOUR OLD METTLER TOLEDO (OR COMPETITOR) BALANCE AND RECEIVE A TOTAL OF 15% CASH BACK ON YOUR NEW METTLER TOLEDO BALANCE PURCHASE!

15% TOTAL CASH BACK

- Valid on XPR, XSR and MS-TS/MS balances
- 15% Cash Back based on final purchase price
- Rebate may not exceed \$1,000



To learn more and to redeem, visit vwr.com/promotions and search **Promo Code 3466**. Offer expires 12.31.2020.

thermo scientific

Find the right freezer

FOR A LIMITED TIME, SAVE UP TO 40% OFF THERMO SCIENTIFIC™ TSX AND TSG FREEZERS!

SAVE UP TO \$4650

TSX Series High-Performance Freezers are essential when working with temperature sensitive samples. TSG Series General Purpose Freezers deliver an enhanced user experience without compromising on sustainability.

Applications	Volume	Temperature Range	Defrost	Cat. No.	Each
Biologics, Enzymes, GMP/Cleanrooms	23 cu. ft.	-25°C to -15°C	Manual	MP75839-096	6299.00
Biologics, Vaccines, Pharma, Cell & Gene Therapy, GMP/Cleanrooms	23 cu. ft.	-35°C to -15°C	Auto	MP75839-182	5899.00
Clinical, Industrial Testing, Cell Culture Media & Reagents	25cu. ft.	-19°C to -27°C	Auto	MP76355-686	4999.00

No redemption is required, simply use these special MP catalog numbers when placing your order. They are available for a limited time, must be used at time of purchase, and may be ordered via the "ORDER ENTRY" link on vwr.com. (Promotional part numbers cannot be found via search on vwr.com.) For assistance with ordering, contact VWR Customer Service or 800 932 5000. **Promo code 5551**. Offer expires 9.30.2020.

Miele

MIELE PLW 8505 GLASSWARE WASHER

FOR A LIMITED TIME, GET YOUR LAB SETUP AND SAVE MONEY WITH THE RIGHT MACHINE AND ACCESSORIES WITH DISCOUNTED GLASSWARE!

UP TO \$2760 SAVINGS

US ONLY

- Simple operation - LCD color display with touch on glass
- Dispense process chemicals easily; 2 integrated dispenser pumps
- With DI water connection; final rinse with demineralized water



Description	Cat. No.	Each
Laboratory Glassware Washer	MP76312-044	6639.00
Lower Injector Basket	MP76312-046	640.00
Set of 39 Injectors	MP76311-778	720.00
Upper Basket	MP76311-780	340.00

No redemption required, simply use these special MP catalog numbers when placing your order. They are available for a limited time, must be used at time of purchase, and may be ordered via the "ORDER ENTRY" link on vwr.com. (Promotional part numbers cannot be found via search on vwr.com.) For assistance with ordering, contact VWR Customer Service or 800 932 5000. **Promo code 5545**. Offer expires 7.24.2020.

These products are not available in Canada. Contact your VWR sales representative to learn about similar options in your region.

Upgrade your pipette and save

thermo scientific

UPGRADE ANY OLD PIPETTE TO A THERMO SCIENTIFIC™ E1-CLIPTIP™ BLUETOOTH ELECTRONIC PIPETTE AND SAVE UP TO 35%!

SAVE UP TO 35% OFF

Get Connected to My Pipette Creator to create programs, download pre-programmed protocols, share and more!

Available in Single Channel, Multichannel and Multichannel Adjustable Spacing Equalizers.

E1-ClipTip Multichannel Adjustable Spacing Equalizers

Description	Volume, µL	Increments, mm	Cat. No.	Each
6-Channel	15 - 1250	9.0 - 19.8	MP10030-756	1567.50
8-Channel	2 - 125	9.0 - 14.2	MP10030-758	1694.80
8-Channel	10 - 300	9.0 - 14.2	MP10030-760	1694.80
8-Channel	15 - 1250	9.0 - 14.2	MP10030-762	1694.80
8-Channel	0.5 - 12.5	4.5 - 14.2	MP10030-764	1694.80
8-Channel	1 - 30	4.5 - 14.2	MP10030-766	1694.80
8-Channel	2 - 125	4.5 - 14.2	MP10030-768	1694.80
12-Channel	0.5 - 12.5	4.5 - 9.0	MP10030-770	1819.00
12-Channel	1 - 30	4.5 - 9.0	MP10030-772	1819.00
12-Channel	2 - 125	4.5 - 9.0	MP10030-774	1819.00

For a complete list of qualifying Pipettors, and redemption information visit vwr.com/promotions and search **Promo Code 4966**. Offer expires 6.20.2020.

solutions for protection



VWR® TITRAMAX™ DIGITAL BURETS & VWR® LABMAX BOTTLETOP DISPENSERS

BUY 3 OF THE SAME PRODUCT AND GET 1 MORE FREE!*

TITRAMAX™ DIGITAL BURETS

- Safer and more accurate than glass
- Air purge and safety shutdown
- Recirculating valve system
- 360° swivel neck

LABMAX BOTTLETOP DISPENSERS

- Exclusive 360° swivel turn & unique piston design
- Quick, accurate volume adjustment
- Automatic calibration
- Fully autoclavable to 121°C (250°F)



BUY 3 AND GET 1 FREE

Qualifying Burets	Electrical	Cat. No.	Unit
Digital Buret	115V	40000-090	Each
Digital Buret, Fine Volume Control	115V	82017-946	Each
Digital Buret, Fine Volume Control	230V	82017-948	Each

Qualifying Dispensers	Volume	Increments	Neck Size	Cat. No.	Unit
Basic	0.3–2.5 mL	0.05 mL	33 mm	40000-060	Each
Basic	1–5 mL	0.1 mL	33 mm	40000-062	Each
Basic	2–10 mL	0.2 mL	33 mm	40000-064	Each
Basic	5–25 mL	0.5 mL	45 mm	40000-066	Each
Basic	10–50 mL	1 mL	45 mm	40000-068	Each
Basic	20–100 mL	2 mL	45 mm	40000-070	Each
Solvents	2–10 mL	0.2 mL	33 mm	82017-766	Each
Solvents	5–25 mL	0.5 mL	45 mm	82017-768	Each
Solvents	10–50 mL	1 mL	45 mm	82017-770	Each
HF	2–10 mL	0.2 mL	33 mm	40000-065	Each
HF	5–25 mL	0.5 mL	45 mm	40000-067	Each

*Offer valid only on featured VWR® Titramax Digital Burets and VWR® Labmax Bottle top Dispensers. Free product must be the same VWR Cat. No. as the three purchased items. Visit vwr.com/promotions and search **Promo Code 5488**. Offer valid until 12.31.2020, or while supplies last.

Earn rebates on METTLER TOLEDO balances & analytical instruments

CASH IN ON EXCELLENCE WITH METTLER TOLEDO

\$400 Rebate

- Excellence Balances (XPR)
- Benchtop Density Meters and Refractometers
- Melting Point Excellence (MP50/MP70)
- Compact Titrators (GS/VS/CS)
- UV/VIS Spectrophotometers
- HX204 Moisture Analyzer

\$300 Rebate

- Excellence Balances (XSR)
- HS153 Moisture Analyzer

\$200 Rebate

- MS-TS Balances
- EasyPlus Titrators
- HC103 Moisture Analyzer
- And more!

Visit vwr.com/promotions and search **Promo Code 4011** for promotion terms and redemption details. Offer expires 12.31.2020.

solutions for research and analysis



Free VWR chemicals BDH products

BUY \$250 IN VWR CHEMICALS BDH PRODUCTS AND SELECT \$250 IN VWR CHEMICALS BDH PRODUCTS FREE!

UP TO \$1,000 VALUE

For a complete listing of the VWR Chemicals BDH portfolio visit vwr.com/bdh



For more information and to redeem, visit vwr.com/promotions and search **Promo Code 4372**. Offer expires 12.31.2020.

SUPER ERECTA SHELF® WIRE SECURITY TRUCKS



BUY A MOBILE WIRE SECURITY TRUCK AND GET TWO FREE INTERIOR SHELVES!

- Heavy-gauge, open-wire construction keeps contents visible at all times, and facilitates air flow
- Double doors open 270° and can be secured along the sides of the unit
- Shipped knocked-down, saving on shipping costs; easy assembly

GET 2 FREE SHELVES



H x L x W, in.	Capacity	Cat. No.	Each
68 ½ x 40 ¾ x 27 ¼	600 lbs.	MP22233-424	2481.78
68 ½ x 52 ¾ x 27 ¼	600 lbs.	MP22233-426	2986.79
68 ½ x 65 x 27 ¼	600 lbs.	MP22233-428	3276.02

No redemption required, simply use these special MP catalog numbers when placing your order. They are available for a limited time, must be used at time of purchase, and may be ordered via the "ORDER ENTRY" link on vwr.com. (Promotional part numbers cannot be found via search on vwr.com.) For assistance with ordering, contact VWR Customer Service or 800 932 5000. **Promo Code 5515**. Offer expires 12.31.2020.

EQUIPMENT

solutions for reliability



VWR® VACUUM OVEN

- Stainless steel chamber for exceptional durability
- PID digital temperature controller
- Digital vacuum switching gauge
- KF25 port as standard
- Independent OTL temperature limiter



Energy efficient double plenum design promotes great temperature uniformity.

Description	Electrical	Volume	Cat. No.	Unit
Vacuum Oven (1490)	120V, 1500W, 12.5A, 50/60Hz	127 L	97027-664	Each
Vacuum Oven (1490-2)	220V, 1500W, 7.0A, 50/60Hz	127 L	97027-674	Each

solutions for reliability



VWR® -86°C ULTRA-LOW TEMPERATURE FREEZER WITH NATURAL REFRIGERANTS

Dependable -80°C storage, powered by H-drive for operational savings and sustainability.

- Low energy usage
- Low peak temperature variation
- Fast door opening recovery
- Long warm up time



Description	Interior Volume	Amps/Breaker	Cat. No.	Unit
400-Box Capacity (2")	19.4 cu.ft.	13/20	76307-948	Each

Additional sizes and options available; visit vwr.com.



ENVIRONMENTAL TEST CHAMBERS

Caron offers a full line of chambers for ICH Q1A drug stability testing, shelf life and packaging testing, and elevated and sub-ambient temperature and humidity studies. These units combine validatable performance with cost saving features:

- Plenum-directed back to front airflow for high uniformity even when full
- Steam-free gVapor™ humidification controls RH levels without raising power bills or facility HVAC loads
- On-demand gROD™ smart refrigeration only powers up when it's actually needed

Workspace, L (cu. ft.)	Electrical	Cat. No.	Unit
283 (10)	115V, 60Hz, 12A	10204-764	Each
708 (25)	115V, 60Hz, 16A	10204-770	Each
934 (33)	115V, 60 Hz, 16A	10204-776	Each
1,416 (50)	115V, 60Hz, 14A	10033-898	Each
2,124 (75)	115V, 60Hz, 16A	10033-836	Each

Additional models also available; visit vwr.com.



DUAL WATER DUO FOR ULTRAPURE/DI LAB WATER

- Water dispensers for 18.2Mpsi-cm
- DI water produced into storage reservoir
- Fast variable dispenser of ultrapure water - 2L/min.
- Real-time TOC monitoring



Description	Cat. No.	Unit
Dual Water Duo10L/hour Remote Dispenser	76337-338	Each
Dual Water Duo20L/hour Remote Dispenser	76337-344	Each

These products are not available in Canada. Contact your VWR sales representative to learn about similar options in your region.

NOR-LAKE SCIENTIFIC HAZARDOUS LOCATION REFRIGERATORS & FREEZERS

Nor-Lake Scientific General Purpose Hazardous Location (Explosion Proof) Refrigerators and Freezers are engineered to meet NFPA and OSHA guidelines for Hazardous Locations, Class 1, Division II, Group C & D. Units are not intended for use in general clinical or research laboratories. Additional features include a heavy-duty door handle, 3-5 shelves, leveling legs, and high-density urethane foam cabinet and door insulation. Model sizes range from 14 to 30 cubic feet and are backed by a one-year parts and labor warranty.

- Engineered for use in environments where volatile/explosive conditions potentially exist
- All electrical components and connections are isolated and sealed in vapor-proof enclosures
- Electrical wiring is hardwired for additional safety measures
- Keyed door locks for added security and magnetic door gasket for positive seal
- All units are UL/C-UL listed



Volume	Shelves	Cat. No.	Unit
Hazardous Location Refrigerators			
14 cu. ft.	1 Adjustable/2 Fixed	76335-190	Each
17 cu. ft.	1 Adjustable/2 Fixed	76335-192	Each
20 cu. ft.	1 Adjustable/3 Fixed	76335-194	Each
30 cu. ft.	5 Adjustable	76335-196	Each
Hazardous Location Freezers			
14 cu. ft.	3 Fixed	76402-972	Each
17 cu. ft.	3 Fixed	76402-974	Each
20 cu. ft.	4 Fixed	76402-976	Each
30 cu. ft.	4 Fixed	76402-978	Each
Hazardous Location Refrigerator/Freezer Combo			
30 cu. ft.	3 Adjustable	76335-206	Each

FREE-PISTON STIRLING ENGINE ULTRA-LOW TEMPERATURE FREEZERS

NEXT GENERATION ENVIRONMENTALLY-SUSTAINABLE ULT FREEZER ACHIEVES BEST STORAGE CONDITIONS OVER WIDEST TEMPERATURE RANGE

- Uses 70-75% less energy than standard compressor-based units
- $\pm 1^{\circ}\text{C}$ Steady-state temperature variation over time
- Faster initial pull-down from ambient to -80°C , <6.5 hours
- Faster door opening temperature recovery, 35 minutes to -80°C (when tested using the ENERGY STAR[®] Final Test Method)
- Slowest warm-up time, 2.5 hours from -80 to -60°C
- Largest storage capacity per sq. ft. of floor space
- Plugs into any outlet

Many rack solution kits are available - visit VWR.COM

Description	Cat. No.	Unit
780 L, 2 Adjustable Shelves	75845-814	Each
780 L, 5 Adjustable Shelves	76299-438	Each





MODULAR FILTER FUNNEL MANIFOLD

- Lightweight vacuum filtration manifold
- Separates into sub-components for easy autoclaving
- Configurable for use with a wide range of filter funnels
- 3- or 6-place configuration through modular design
- Increase testing capacity easily as the user requires

Pall's new microbiology manifold allows users to optimize testing without sacrificing cleanliness.

It's modular design enables 3- or 6-place configuration, and due to easy separation into sub-components, even a 6-place manifold can fit into an existing autoclave.

With interchangeable components and the ability to use with various funnel types, the Pall Laboratory Manifold ensures ease of use for right and left handed users, and is the only manifold which is configurable to any testing workflow.



Description	Material	Dimensions	Cat. No.	Unit
	316L Stainless Steel/6061-T6			
3-Place Manifold Base	Anodized Aluminum	17.2 x 6 x 3.9"	75981-548	Each
Manifold Coupler	316L Stainless Steel	1.34 x 1.25 x 1.25"	75981-556	Each

Manifold Adapters	Length	Cat. No.	Pack of
Standard Adapter	5.06"	75981-554	3
Elongated Standard Adapter	6.7"	75981-560	3
Sentino Funnel Adapter	4.4"	75981-552	3
Micro Funnel Adapter	4.6"	75981-550	3



Unique configurable design allows users to adapt manifold to meet specific needs.

Compatible with widest range of pipets



solutions for precision

VWR® UNIVERSAL AEROSOL FILTER PIPET TIPS

HIGH RECOVERY POLYETHYLENE FILTERS CREATE NATURAL BARRIER WHICH TRAPS AEROSOLS AND PREVENTS CROSS CONTAMINATION BY KEEPING THE PIPET BARREL CLEAN

- Maximizes sample recovery with low binding resin and a fine point design
- Improves ergonomics by reducing the force required to attach and eject a tip
- Manufactured under an ISO 9001 quality management system
- Racked, filtered, and low retention
- Pre-sterilized

Autoclavable at 15 psi, 122°C for 15 minutes.

Certifications: Certified RNase-, DNase-, Endotoxin-, Metal-, and Human DNA- free.



Volume	Length	Cat. No.	Pack of	Case of
0.1 - 2 µL	31.24 mm (1.23")	76327-214	960	4800
0.1 - 10 µL	31.24 mm (1.23")	76322-528	960	4800
0.5 - 10 µL	45.84 mm (1.81")	76322-132	960	4800
1 - 20 µL	50.75 mm (2.00")	76322-134	960	4800
1 - 100 µL	50.75 mm (2.00")	76322-136	960	4800
20 - 200 µL	59.54 mm (2.34")	76322-150	960	4800
20 - 300 µL	59.54 mm (2.34")	76322-152	960	4800
100 - 1000 µL	81.82 mm (3.22")	76322-154	960	3840
100 - 1250 µL	98.40 mm (3.87")	76322-156	960	3840

Packaging: 10 x 96 Tips/Pack

solutions for every day use **VWR** COLLECTION

VWR® RIGHT-TO-KNOW, SAFETY-VENTED WASH BOTTLES WITH GHS LABELING

Compliance with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and OSHA's HazCom 2012 requirements - as pertains to "Workplace Labels".

Pre-printed with chemical name and formula, GHS pictogram and signal word, NFPA Section 704 Four-color Diamond, health hazards, CAS number, and suggested protective clothing and equipment.

Visit **VWR.COM** for many additional options



Description	Capacity	Cap Color	Cat. No.	Case of
Acetone	500 mL	Red	10111-944	24
Deionized Water	500 mL	Blue	10111-948	24
Isopropanol	500 mL	Yellow	10111-954	24
Methanol	500 mL	Green	10111-958	24
Ethanol	1 L	Natural	10111-976	12

solutions for every day use **VWR** COLLECTION

VWR® LIGHT-DUTY TISSUE WIPERS

VIRGIN FIBER TISSUE WIPERS ARE ABSORBENT, SOFT, STRONG AND LOW-LINTING

Custom-size dispensers (available separately) hold wiper boxes securely, providing one-handed access to wipers. Wipers come in antistatic film-windowed dispenser boxes.



Description	W x L	Packaging	Cat. No.	Pack of
1-Ply Wipers, Perforated Box	4 1/2 x 8 3/8"	280/Box	82003-820	280
1-Ply Wipers	14 x 16 3/4"	140/Box	82003-822	140
3-Ply Wipers	14 x 16 3/4"	90/Box	82003-824	90

WHATMAN™ UNIFLO™ SYRINGE FILTERS

- Well suited for rapid, routine syringe filtration of small volume samples up to 100mL in laboratory sample preparation
- Individually inkjet printed for easy filter identification
- Available in a variety of membrane choices and pore sizes with a polypropylene overmold housing

Specifications

Filtration Area (cm ²)	0,65
Inlet/Outlet Connection	Female Luer Lock/Male Slip Luer
Max. Operating Pressure	67.5 psi

Membrane	Pore Size	Sterility	Cat. No.	Pack of
25 mm Diameter Filters				
Nylon	0.22 µm	Non-sterile	75849-368	500
PES	0.22 µm	Sterile	76211-006	45
PES	0.22 µm	Sterile	76211-010	200
PES	0.22 µm	Non-sterile	75849-384	500
PTFE	0.22 µm	Non-sterile	75849-376	500
PVDF	0.22 µm	Sterile	76211-202	45
PVDF	0.22 µm	Non-sterile	75849-360	500
Nylon	0.45 µm	Non-sterile	75849-370	500
PES	0.45 µm	Sterile	76211-008	45
PES	0.45 µm	Sterile	76211-012	200
PES	0.45 µm	Non-sterile	75849-386	500
PTFE	0.45 µm	Non-sterile	75849-378	500
PVDF	0.45 µm	Sterile	76211-004	45



Distributor
GE Healthcare



Membrane	Pore Size	Sterility	Cat. No.	Pack of
13 mm Diameter Filters				
Nylon	0.22 µm	Non-sterile	75849-364	500
PES	0.22 µm	Sterile	76211-014	100
PES	0.22 µm	Non-sterile	75849-380	500
PTFE	0.22 µm	Non-sterile	75849-372	500
PVDF	0.22 µm	Non-sterile	75849-356	500
Nylon	0.45 µm	Non-sterile	75849-366	500
PES	0.45 µm	Sterile	76211-016	100
PES	0.45 µm	Non-sterile	75849-382	500
PTFE	0.45 µm	Non-sterile	75849-374	500
PVDF	0.45 µm	Non-sterile	75849-358	500



REDISHIP PURIFIER LOGIC+ CLASS II A2 BIOSAFETY CABINETS

- Designed to discharge HEPA-filtered exhaust air directly into the laboratory, or into an exhaust system through the optional Canopy Connection
- Constant Airflow Profile™ (CAP) maintains a precise volume of air as the filters load

Ship within 48 hours!



Width	Electrical	Sash Opening	Cat. No.	Unit
3'	115 V, 60 Hz, 12 A	8"	76317-612	Each
4'	115 V, 60 Hz, 12 A	8"	76317-624	Each
5'	115 V, 60 Hz, 16 A	8"	76317-632	Each
6'	115 V, 60 Hz, 16 A	8"	76317-640	Each

Featured cabinets do not include a base stand. Visit vwr.com for many additional options, including cabinets that include a base stand.

solutions for your space



VWR® WORKSTATION BENCHES

Laboratory grade four legged metal tables with Phenolic tabletops.

- 1000 lbs. capacity
- SEFA chemical resistant finish
- Single tool installation (included)



Length	Width	Height	Cat. No.	Unit
36"	30"	27 - 36"	CLT10T3036	Each
48"	30"	27 - 36"	CLT10T3048	Each
60"	30"	27 - 36"	CLT10T3060	Each
72"	30"	27 - 36"	CLT10T3072	Each
36"	36"	27 - 36"	CLT10T3636	Each
48"	36"	27 - 36"	CLT10T3648	Each
60"	36"	27 - 36"	CLT10T3660	Each
72"	36"	27 - 36"	CLT10T3672	Each

Featured benches have a phenolic tabletop; visit vwr.com to find epoxy resin top options.

solutions for your space



VWR® UNDERCOUNTER GLASSWARE WASHERS

Economical glassware washers feature stainless steel construction for long life and corrosion protection.

- Stainless steel construction ensures long life and corrosion protection
- Insulated external casing
- Designed for optimum heat and noise absorption



Description	Cat. No.	Unit
Undercounter Glassware Washer	10002-850	Each
Undercounter Washer, DI Rinse	10002-854	Each
Undercounter Washer, DI Rinse, Spindle Rack Ready	10002-858	Each

solutions for your space



VWR® CHEMICAL CAPTURE FILTRATION SYSTEM

Stand-alone filtration system with one fan, which can be integrated with a flexible duct connected to the bung port of any flammable or acid cabinet.

- Continuously recirculates
- Captures any potential emissions
- Eliminates hazardous vapors



Description	Cat. No.	Unit
Chemical Capture Filtration System, 65 W	52428-821	Each
Filters		
AS: Carbon, Volatile Organic Compounds	10812-238	Each
BE: Carbon, Acids and Organics	10813-212	Each
HP: HEPA, 99.995% Efficiency for Trapping 0.1 Micron Particles or Higher	10813-214	Each

System Dimensions: 15 3/8"W x 10 5/8"H x 22 1/2"W, in.

solutions for your space



VWR® UPHOLSTERED LAB CHAIRS WITH ARMS

- High-end European design features exclusive ratchet back-height adjustment, eliminates back-bar exposure
- Generously proportioned seat with highly resilient molded foam cushioning for added comfort
- Delivers ergonomic support to mid-back and lumbar regions while enabling upper torso flexibility and movement for laboratory operations
- Eye-pleasing aesthetic promotes a sophisticated corporate image and inviting work environment



Visit VWR.COM for details on the full line!

Description	Seat Height Range	Cat. No.	Unit
Desk Height, Arms & Casters	17-22"	76308-748	Each
Desk Height, Arms & Glides	17-22"	76308-752	Each
Bench Height, Arms, Footring & Casters	22¾-32"	76308-740	Each
Bench Height, Arms, Footring & Glides	22¾-32"	76308-744	Each

solutions for your space



VWR® WIRE CARTS WITH ROUND POSTS

- Adjustable in increments
- Exceptionally durable
- Shelves have truss-reinforced edges



Capacity 1200 lbs.

Depth	Height	Width	Cat. No.	Unit
18"	60"	36"	89410-026	Each
18"	60"	48"	89410-028	Each
18"	60"	60"	89410-030	Each
18"	60"	72"	89410-032	Each

Many additional options are available; visit vwr.com.

solutions for your space



VWR® BUILT IN UNDERCOUNTER REFRIGERATORS WITH NATURAL REFRIGERANTS

These new units feature an all new temperature display and alarm module that offers product security with a monitoring and alarm system that's 100% independent of the temperature controller.

Environmentally friendly, natural hydrocarbon (HC) refrigerants (not containing hydrofluorocarbons) vastly reduce global-warming potential (GWP) while meeting new EPA/SNAP mandates and UL, ASHRAE compliance guidelines.

- Purpose-built for scientific and medical applications
- Temperature controller
- Digital setting accuracy
- Precise temperature maintenance
- Monitoring and alarms
- High/low temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts



Specifications

Electrical	115 V, 60 Hz, 1.74 A
Defrost	Cycle
No. of Shelves	2 Adjustable/1 Fixed

Volume	Exterior Dimensions	Door Type	Cat. No.	Unit
130.3 L	60.3W x 62.2D x 84.8H cm	Solid left hinged	76210-106	Each
130.3 L	60.3W x 62.2D x 84.8H cm	Glass left hinged	76210-108	Each
130.3 L	60.3W x 64.7D x 81.1H cm	Glass Left Hinged	76210-110	Each
130.3 L	60.3W x 62.2D x 84.8H cm	Solid steel left hinged	76210-112	Each
130 L	60.3W x 64.7D x 81.1H cm	Glass Right Hinged	10819-884	Each
130 L	60.3W x 64.7D x 84.7H cm	Glass Right Hinged	10819-882	Each
130 L	60.3W x 62.2D x 84.8 cm	Solid Right Hinged	10819-880	Each
127 L	60.3W x 62.2D x 84.8H cm	Stainless Right Hinged	10819-886	Each

FOCUS: Industrial

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