VWR® Bottle-Top Filtration Systems

Guaranteed Performance with Maximum Throughput

Convenient, One-Time Vacuum Connection

Complete System Allows Filtration and Storage in One Easy Step

VWR® Filtration Systems

VWR's new line of disposable, sterile laboratory filtration systems was designed for the preparation of buffers, tissue culture media, microbiological media, and other biological fluids. VWR's vacuum filtration systems feature large diameter Pall membranes for guaranteed performance and maximum throughput. The bottle-top filtration system design includes a receiver bottle with an ergonomic shape, molded finger grips, and a patented bottle cap. The centrifuge tube and funnel system allows the user to filter fluids directly into a 15mL or 50mL tube.

Each separate piece is compatible with the quick-connect vacuum pedestal, which allows for a convenient one-time vacuum hose connection, and one-handed operation. A cradle ring is also available for use with existing laboratory stands. Systems are available with 0.1µm (mycoplasma filtering grade), 0.2µm (sterilizing grade) or 0.45µm (clarification grade) asymmetric PES membranes. All items are made from FDA-grade, Class VI materials according to ISO 13485 standards and are gamma sterilized according to VDmax 25 guidelines (SAL 10^{-6}).

Filtrate Receiver/Storage Bottles

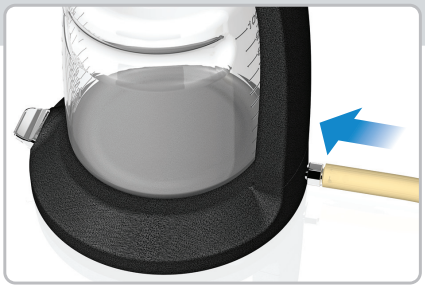
VWR's vacuum-rated, disposable round media bottles are available separately, for storing sterile solutions such as tissue culture media, serum, and buffers. Bottles feature a sloped design with a low center of gravity that improves stability on the work surface. The narrow bottle shoulder and molded finger grips enable the bottle to be gripped securely by gloved hands. Crystal clear bottles feature high-visibility metric graduations. Polypropylene caps feature a convenient gripping surface for easy handling and transporting. Caps allow for easy uncapping, tightening, and bottle stacking. The tops of caps also feature a flat surface for easy labeling.

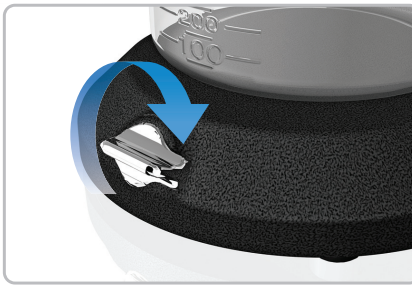
Polycarbonate bottles can withstand up to three autoclave cycles and offer good alcohol resistance. They are stable up to 135°C (275°F). Polystyrene bottles are ideal for general purpose cell culture aqueous solutions, and are stable up to 80°C (176°F). PETG bottles are ideal for most general laboratory solutions, and offer gas impermeability as well as excellent impact resistance.

1. • Quick-Connect™ pedestal base or cradle ring allows for hands-free filtration
2. • Forward-facing, large, raised graduation marks allow for easy visualization of volumes
3. • Available in 0.1µm, 0.2µm, and 0.45µm PES asymmetric membrane filters
4. • Conveniently located vacuum on/off switch
5. • Available in a media storage bottle system or in a centrifuge funnel system
6. • Vacuum hose adapter allows for use without pedestal or cradle ring

Easy Initial Setup of VWR Filtration System

- Connect the vacuum hose just once to the back of the Quick-Connect pedestal
- Place filter on the Quick-Connect pedestal — the vacuum connects automatically
- Once fluid has been added to the funnel, turn the on/off switch to the ON position





VWR® Filtration Systems

- Feature large diameter Pall asymmetric PES membranes
- Quick-Connect™ pedestal allows for one-handed operation
- Complete system includes filtration funnel, media bottle or centrifuge tube. For Quick-Connect™ use pedestal, cradle ring, or hose adapter
- Sterile

VWR® Filtration Funnels

- Compatible with the Quick-Connect™ pedestal
- Sterile

Volume, mL	Cat. No.
0.1µm Centrifuge Tube Filtration Systems	
15	**89220-714**
50	**89220-708**
0.2µm Centrifuge Tube Filtration Systems	
15	**89220-716**
50	**89220-710**
0.45µm Centrifuge Tube Filtration Systems	
15	**89220-718**
50	**89220-712**
0.1µm Media Bottle Filtration Systems	
250	**89220-694**
500	**89220-696**
1000	**89220-698**
0.2µm Media Bottle Filtration Systems	
250	**97066-200**
500	**97066-202**
1000	**97066-204**
0.45µm Media Bottle Filtration Systems	
250	**97066-206**
500	**97066-208**
1000	**97066-210**

Volume, mL	Cat. No.
0.1µm Filtration Funnels	
15	**89220-726**
50	**89220-720**
250	**89220-700**
500	**89220-702**
1000	**89220-704**
0.2µm Filtration Funnels	
15	**89220-728**
50	**89220-722**
250	**97066-212**
500	**97066-214**
1000	**97066-216**
0.45µm Filtration Funnels	
15	**89220-730**
50	**89220-724**
250	**97066-218**
500	**97066-220**
1000	**97066-222**
Accessories	
Vacuum Filtration Cradle Ring	**97066-234**
Vacuum Filtration Pedestal	**97066-232**

VWR® Round Media Bottles

- Feature molded finger grips and a narrow shoulder for better gripping with gloved hands
- Unique polypropylene caps offer a flat writing surface and allow for bottles to be stacked
- Additional head space allows for 15% dilution without changing bottles

Capacity, mL (oz.)	Sterile	Cat. No.
PETG Bottles		
250 (8)	Yes	**89166-098**
250 (8)	No	**89166-110**
500 (16)	Yes	**89166-100**
500 (16)	No	**89166-112**
1000 (32)	Yes	**89166-102**
1000 (32)	No	**89166-114**
Polycarbonate Bottles		
250 (8)	Yes	**89166-104**
250 (8)	No	**89166-122**
500 (16)	Yes	**89166-106**

Capacity, mL (oz.)	Sterile	Cat. No.
Polycarbonate Bottles		
500 (16)	No	**89166-124**
1000 (32)	Yes	**89166-108**
1000 (32)	No	**89166-126**
Polystyrene Bottles		
250 (8)	Yes	**89166-092**
250 (8)	No	**89166-116**
500 (16)	Yes	**89166-094**
500 (16)	No	**89166-118**
1000 (32)	Yes	**89166-096**
1000 (32)	No	**89166-120**

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