

Whatman™ Klari-Flex™ Bottle Top Filtration System with Drop-Connect Technology

Bringing a new level of productivity and convenience to sterile vacuum filtration of liquids.

Streamline your laboratory operations and improve throughput with the new Whatman Klari-Flex bottle top filtration system.

Designed for filter sterilization of liquids such as cell culture media, biological fluids and buffers, the Klari-Flex system includes a stable, low-profile pedestal base with a permanent vacuum hose connection. This feature eliminates a time-consuming and inconvenient step in your process – connecting and disconnecting the vacuum to each filter unit. With Klari-Flex, connect the vacuum once to the pedestal base. Each time a new filtration unit is placed on the base, Drop-Connect Technology ensures that the vacuum connection is automatic.

Klari-Flex offers three flexible methods of operation. Use with:

- A pedestal stand for maximum convenience
- A cradle ring for use with existing lab stands
- An adapter for conventional bottle top filtration

Application

- Filter sterilization of aqueous solutions such as cell culture media and biological fluids
- Filtration of buffers prior to chromatography

Learn more

An interactive demonstration is available at www.gelifesciences.com/klari-flex

Features and benefits

Improves productivity

- Permanent vacuum hose connection increases throughput and convenience
- Fast connection of filter to base decreases setup time
- Large 90 mm filter membrane (500 and 1000 ml units) optimizes performance

Easy to use

- Simple one hand operation to connect unit to base
- Front-facing funnel graduation marks enhance readability
- Ergonomically designed, large bottle cap accommodates labeling information and acts as a handle for safe transport of bottles

Minimizes risk of spills and contamination

- Weighted pedestal base is built for stability
- Drop-Connect Technology ensures fail-safe unit placement in base and automatic vacuum line connection
- Low profile funnel/bottle unit with wide base is tip-resistant
- Ergonomically designed bottle and bottle cap improve handling



Whatman

Choose Klari-Flex for proven results

Whatman catalog ordering information
 Whatman Klari-Flex bottle top filtration system

Ordering information

Catalog number	Pore size & membrane	Sterile	Description
6514-2502	0.22 µm PES	Yes	250 ml funnel and bottle, 12/pack
6514-5002	0.22 µm PES	Yes	500 ml funnel and bottle, 12/pack
6514-1002	0.22 µm PES	Yes	1000 ml funnel and bottle, 12/pack
6514-2504	0.45 µm PES	Yes	250 ml funnel and bottle, 12/pack
6514-5004	0.45 µm PES	Yes	500 ml funnel and bottle, 12/pack
6514-1004	0.45 µm PES	Yes	1000 ml funnel and bottle, 12 pack
6515-2502	0.22 µm PES	Yes	250 ml funnel, 12/pack
6515-5002	0.22 µm PES	Yes	500 ml funnel, 12/pack
6515-1002	0.22 µm PES	Yes	1000 ml funnel, 12/pack
6515-2504	0.45 µm PES	Yes	250 ml funnel, 12/pack
6515-5004	0.45 µm PES	Yes	500 ml funnel, 12/pack
6515-1004	0.45 µm PES	Yes	1000 ml funnel, 12/pack
6516-2500	N/A	Yes	250 ml bottle, 24/pack
6516-5000	N/A	Yes	500 ml bottle, 24/pack
6516-1000	N/A	Yes	1000 ml bottle, 24/pack
6517-0001	N/A	N/A	Cradle ring, 1/pack
6517-0002	N/A	N/A	Pedestal stand, 1/pack

Whatman Pre-filters

Choose glass microfiber discs that fit on top of the Klari-Flex filter tops for hard to filter fluids.

Ordering information

Catalog number	Grade & pore rating	Description
1841-090	GMF 150 1 µm	90 mm disc for 500 and 1000 ml units, 20/pack
1841-066	GMF 150 1 µm	66 mm disc for 250 ml unit, 20/pack

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www.gelifesciences.com/klari-flex



imagination at work

In laboratory tests performed at GE Healthcare in the U.S., the Klari-Flex system produced consistently higher liquid throughputs than the compared filtration systems.



Fig. 1. Klari-Flex incorporates a high purity, high flow PES membrane.

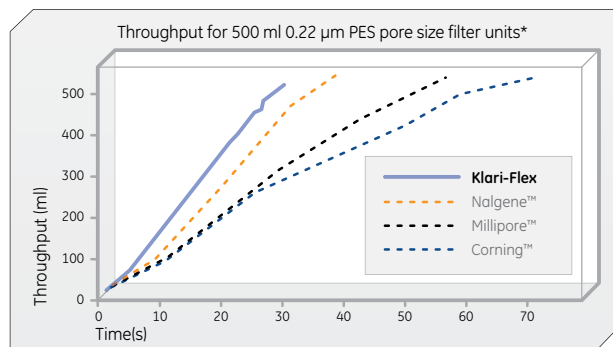


Fig. 2. Comparison of liquid throughput of 10% FBS supplemented DMEM solution using the Whatman Klari-Flex assembly and those of three competitors. Data represent the average of 5 units of each kind tested with the same batch of solution.

*Nalgene PES Filter Unit, 500 ml 90 mm diameter membrane
 Millipore Stericup™ 0.22, GP Express Plus membrane
 Corning 500 ml Filter System 0.22 µm Polyethersulfone (PES)

Data is held at GE Healthcare (U.S.).
 For more detail, visit www.gelifesciences.com/klari-flex

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