

Sample Filtration: FlipMate Filtration Assemblies

FlipMate™ Filtration Systems provides a convenient, economical method for filtration for 50mL and 100mL samples.

The FlipMate System works with two threaded digestion cups and a filter assembly. The sample is pulled by vacuum from the sample cup through the filter assembly into the empty cup. FlipMate Systems are available with several filter options.

1. Bring sample to volume in the appropriate digestion cup.
2. Thread FlipMate Filter Assembly onto cup containing sample and tighten securely.
3. Thread an additional digestion cup onto FlipMate Filter Assembly and tighten securely.
4. Invert the entire FlipMate System, attach vacuum source and apply vacuum. In a few seconds the sample will be drawn through the filter assembly into the empty cup. Filtration speed will vary depending on sample quality. Your filtered sample can then be capped for storage or further analysis.

FlipMate Systems are available for 50mL and 100mL samples.

FlipMate 50 Systems come with:

- 200 FlipMate Filter Assemblies
- 400 SC475 Digestion Cups
- 200 caps (available with green or white caps)

FlipMate 50 Complete Systems:

Membrane Type	Sample Size	Porosity	Catalog #	Quantity
PES w/Prefilter	50mL	0.45µm	SC0601C	200
PES w/Prefilter (White Caps)	50mL	0.45µm	SC0601CW	200
Glass Fiber	50mL	1.5µm	SC0602C	200
Glass Fiber (White Caps)	50mL	1.5µm	SC0602CW	200
PES w/out Prefilter	50mL	0.45µm	SC0603C	200
PES w/PTFE Prefilter*	50mL	0.45µm	SC0604C	200

* Certified for Trace Metals

FlipMate 50 Filter Assemblies Only:

Membrane Type	Sample Size	Porosity	Catalog #	Quantity
PES Filter w/Prefilter	50mL	0.45µm	SC0601	100
Glass Fiber	50mL	1.5µm	SC0602	100
PES Filter	50mL	0.45µm	SC0603	100
PES w/PTFE Prefilter*	50mL	0.45µm	SC0604	100

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Sample Filtration: FlipMate Filtration Assemblies

FlipMate 100 Systems come with:

- 100 FlipMate Filter Assemblies
- 200 SC490 Digestion Cups
- 100 caps

FlipMate 100 Complete Systems:

Membrane Type	Sample Size	Porosity	Catalog #	Quantity
PES Filter w/Prefilter	100mL	0.45µm	SC0301C	100
Glass Fiber	100mL	1.5µm	SC0302C	100
PES w/Prefilter	100mL	0.2µm	SC0303C	100
Acid Washed	100mL	0.7µm	SC0304C	100
Acid Washed	100mL	>10µm	SC0306C	100
PES w/PTFE Prefilter*	100mL	0.45µm	SC0308C	100

FlipMate 100 Filter Assemblies Only:

Membrane Type	Sample Size	Porosity	Catalog #	Quantity
PES Filter w/Prefilter	100mL	0.45µm	SC0301	50
Glass Fiber	100mL	1.5µm	SC0302	50
PES w/Prefilter	100mL	0.2µm	SC0303	50
Acid Washed	100mL	0.7µm	SC0304	50
Acid Washed	100mL	>10µm	SC0306	50
PES w/PTFE Prefilter*	100mL	0.45µm	SC0308	50

* Certified for Trace Metals

FlipMate Vacuum Manifold

The FlipMate Vacuum Manifold provides a convenient way to filter multiple samples at one time. This 12-place manifold is compatible with both the 50mL and 100mL FlipMate devices. Easily accessible valves allow for precise vacuum control during filtration. One end of the manifold is equipped with a barbed fitting to connect tubing with your vacuum pump. The other end is plugged. This plug can be removed to connect multiple manifolds to one pump. The manifold is constructed of Type 1 PVC making it resistant to acids and other chemicals commonly used in the laboratory.

FlipMate Vacuum Manifold

Catalog # SC0620



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