

FlipMate for Sample Filtration

FlipMate™ Filtration Systems offer a fast, effective method of filtering samples.

Use FlipMate 50 Systems for 50mL Samples and FlipMate 100 Systems for 100mL Samples.

The FlipMate Filter Assembly works with two threaded digestion cups - one containing the sample to be filtered and an empty cup to receive the filtrate. The sample is pulled by vacuum through the FlipMate into the empty cup. FlipMates Systems are available in two sizes with several filter options.

- Bring sample to volume in the appropriate digestion cup.
- Thread FlipMate Filter Assembly onto cup containing sample and tighten securely.
- Thread an additional digestion cup onto FlipMate Filter Assembly and tighten securely.
- 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 50 Systems come with 200 FlipMate Filter Assemblies, 400 SC475 Digestion Cups and 200 caps.

FlipMate 100 Systems come with 100 FlipMate Filter Assemblies, 200 SC490 Digestion Cups and 100 caps.

FlipMate Filtration Devices and Disposable Digestion Cups are also sold separately.

**Now for
50 & 100mL
Samples!**



<i>Description</i>	<i>Catalog #</i>	<i>Description</i>	<i>Catalog #</i>
FlipMate 50 System		FlipMate 100 System	
0.45µm PES Filter with Prefilter, 200/pk	Catalog # SC0601C	0.2µm PES with Prefilter, 100/pk	Catalog # SC0303C
FlipMate 50 System		FlipMate 100 System	
1.5µm Glass Fiber Filter, 200/pk	Catalog # SC0602C	0.7µm Acid Washed Filter, 100/pk	Catalog # SC0304C
FlipMate 50 Filter Assembly		FlipMate 100 Filter Assembly	
0.45µm PES Filter with Prefilter, 100/pk	Catalog # SC0601	0.45µm PES Filter with Prefilter, 50/pk	Catalog # SC0301
FlipMate 50 Filter Assembly		FlipMate 100 Filter Assembly	
1.5µm Glass Fiber Filter, 100/pk	Catalog # SC0602	1.5µm Glass Fiber Filter, 50/pk	Catalog # SC0302
50mL Digestion Vessels, 500/pk	Catalog # SC475	FlipMate 100 Filter Assembly	
FlipMate 100 System		0.2µm PES with Prefilter, 50/pk	Catalog # SC0303
0.45µm PES Filter with Prefilter, 100/pk	Catalog # SC0301C	FlipMate 100 Filter Assembly	
FlipMate 100 System		0.7µm Acid Washed Filter, 50/pk	Catalog # SC0304
1.5µm Glass Fiber Filter, 100/pk	Catalog # SC0302C	100mL Digestion Vessels, 225/pk	Catalog # SC490

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Sample Filtration 15mL and 50mL Samples

The FilterMate™ Filtration System provides a convenient, economical method for filtration and requires no transfer steps.

Samples may require filtration prior to analysis. This is especially true with sludge, wastewater and soil samples. The FilterMate fits directly into the digestion vessel and is pushed through the liquid being filtered to the bottom of the cup with a detachable plunger. After filtration is complete, the plunger is removed and discarded while the filter assembly remains in the bottom of the cup.

Use FilterMate for Field Filtrations

When your method requires filtration in the field, the FilterMate offers an easy, inexpensive solution. With just two SC475 digestion cups and one SC0407 FilterMate, you can meet the requirements of field filtrations. To use, take your sample in one SC475 cup, filter with a SC0407 or SC0409 FilterMate, pour the filtered sample into another cup and cap for storage or transportation.

FilterMate options for 50mL samples include: Standard 2µm Teflon®-faced Polypropylene Filter

The SC0401 has the highest dirt holding capacity of the FilterMate family and is suitable for most laboratory applications.

Catalog # SC0401

Pack of 100

Certified 2µm Teflon Filter

The SC0408 features a pure expanded fiber Teflon filter. This high dirt trapping FilterMate is especially suitable for trace level analysis and is supplied with lot certification for trace metals by ICP/MS.

Catalog # SC0408

Pack of 100

0.45µm Teflon Membrane Filter

The SC0407 FilterMate uses a Teflon prefilter in addition to a 0.45µm final filter. This model is not recommended for particulate laden samples and should be used with dissolved metals only.

Catalog # SC0407

Pack of 100

0.7µm Glass Fiber FilterMate for TCLP

For filtering small volumes of TCLP extract, the SC0404 FilterMate has an acid-washed glass fiber filter, suitable for TCLP filtrations. The 0.7µm filter is supported by a porous polyethylene frit.

Catalog # SC0404

Pack of 100



Certified 0.45µm Teflon Filter

For use with low solids dissolved metals only.

Catalog # SC0409

Pack of 100

Holder for FilterMate Filtrations

This machined HDPE fixture adds stability when performing FilterMate filtrations. The holder secures the digestion cup as the FilterMate is depressed through the liquid sample.

Catalog # SC0510

A smaller version of the FilterMate is available for use with our SC415 Digestion Vessel.

For use with the SC415 15mL digestion vessel. This device uses a polyethylene frit with a 2µm particle trapping capacity.

Catalog # SC421

Pack of 100



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