

EXTRACTOR3D|FV®



Key Features

- Minimize Matrix Effects & Ion Suppression from direct injection
- Direct inject can result in complex spectra; Extraction/Filtration minimizes this effect
- High solid/liquid ratio.
- Fill Volume 630 µL.
- Can accept Solids or Large Particulates
- Allows for QuEChERS.

Part Numbers

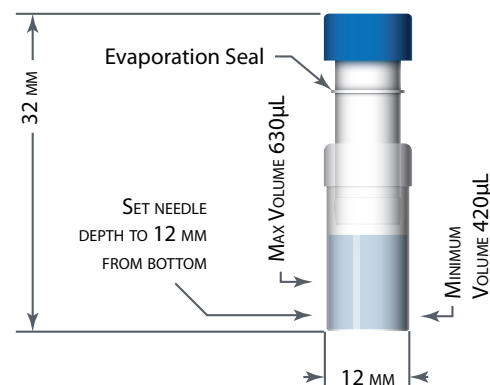
Part #	Cap Color	Pore Size	Membrane
95530	Green	0.2µm	PTFE
95540	Blue	0.45µm	PTFE
95531	Red	0.2µm	PVDF
95541	Yellow	0.45µm	PVDF
95538	Black	0.2µm	NYLON
95539	Pink	0.45µm	NYLON
95535	Grey	0.2µm	PES

Part numbers are for Pre-Slit septum, available in quantities of 200 or 500, for other options see htslabs.com or contact your local Thomson rep.

To see the full specifications of this product visit htslabs.com where you can also find application notes, videos and more on all of our products.

Multi-Mode Filtration

Thomson eXtractor3D|FV® Filter Vials (patented) offers filtration with increased volume enabling multiple extraction techniques with different resins/sorbents or solids/large particulates (heavily laden) to autosampler ready vials. eXtractor3D|FV® is a product uniquely designed for the addition of resins/sorbents, QuEChERS dispersive salts, pills, or special resins in the standard autosampler ready vial. The filter vial consists of two parts: a filter vial shell and a plunger which includes a multi-layer filter on one end and a low evaporation screw cap on the other end.



Large solids/large particulates can be placed within the eXtractor 3D® where multiple extraction techniques occur. Prior to the introduction of the eXtractor3D|FV®, samples required multiple steps using SPE, or other methods to remove interfering analytes and co-eluting compounds. SPE or Quechers can now be completed with multi-depth filtration without risk of solids compromising the autosampler. Pills and other large solids can be broken down for complete testing using the eXtractor3D|FV®. eXtractor3D|FV® allows for compounds to be separated from the matrix with the addition of resins/sorbents, resulting in both a higher signal to noise ratio and peaks that are more differentiated.

APPLICATIONS

FOOD
TOXICOLOGY
PHARMACEUTICALS



Works on Standard Autosamplers

Thomson Standard Filter Vials can be used for samples containing less than 10% solid particulates. The filter vial consists of two parts: a filter vial shell and a plunger which includes a single layer filter on one end and a vial cap on the other end. Applications for Thomson Standard Filter Vials include filtration of catalysts from organic and medicinal chemistry synthesis reactions, saccharide analysis in corn syrup, and in-vial protein precipitation.

Thomson Instrument Company is not affiliated with Agilent®, Waters® or its products.



Agilent® 1100 or 1200

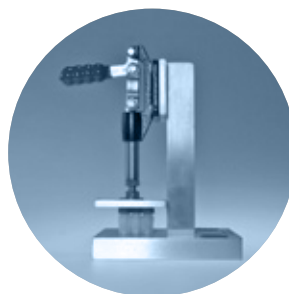


Waters Acquity®

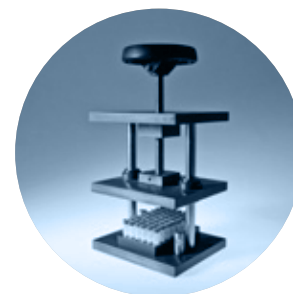
For High Solid Content & Very Viscous Liquid Samples

The Thomson Filter Vial Press enables high solid content and viscous liquids to be easily filtered through vials. Some fermentation cultures that reach 1000D or particulate laden samples may require the toggle press.

	Description	Capacity	Qty	Part #
	5 Position for Autosampler Ready Filter Vials	5	1	35005
	48 Position for Autosampler Ready Filter Vials	48	1	35015



Toggle Press



Multi-Use Press