

EXTRACTOR3D|FV®

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

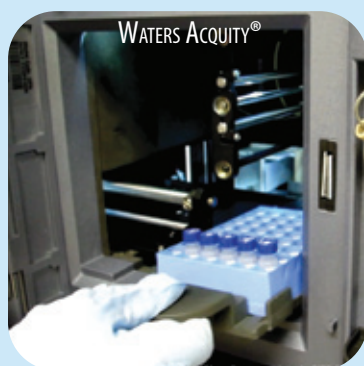
TOXICOLOGY

PHARMACEUTICALS





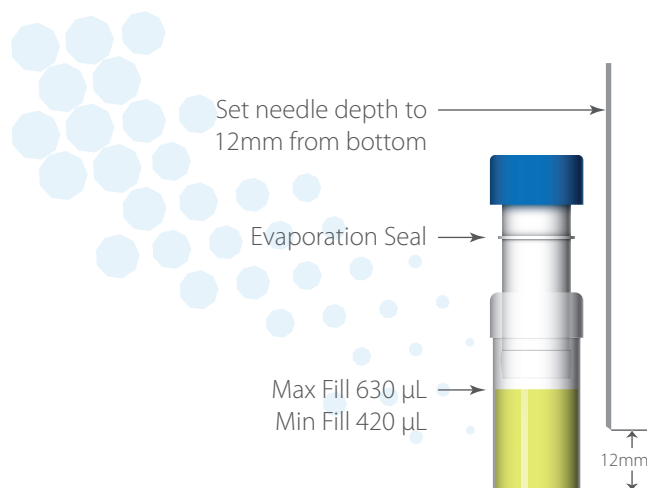
WORKS ON STANDARD AUTOSAMPLERS



Thomson Instrument Company is not affiliated with Agilent® or its 1100 HPLC or 1200 HPLC, or with Waters® or its product the Acquity UPLC®.

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



.2µM PTFE

Part No. 95530



.45µM PTFE

Part No. 95540



.2µM PVDF

Part No. 95531



.45µM PVDF

Part No. 95541



.2µM NYLON

Part No. 95538



.45µM NYLON

Part No. 95539



.2µM PES

Part No. 95535



All Styles Available in Quantities of 200 or 500

Accessories



48 Position Multi-Use Press

Case Qty: 1 | Part # 35015-476

8 Position for MEGA|FV & 48 Position for Autosampler Ready Filter Vials



5 Position Toggle Press

Case Qty: 1 | Part # 35005

For High Solid Content & Very Viscous liquid samples