

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

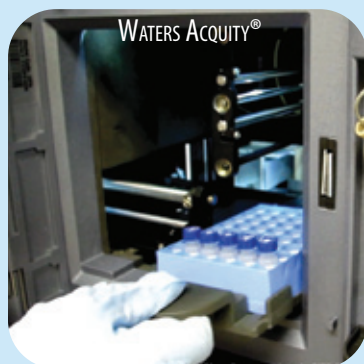
TOXICOLOGY

PHARMACEUTICALS



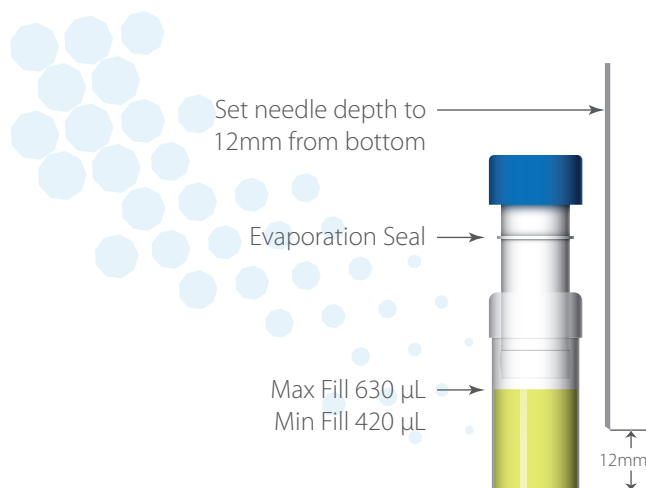


WORKS ON STANDARD AUTOSAMPLERS



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 μ L.
- Can accept Solids or Large Particulates
- Allows for QuEChERS.



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

Part Numbers



.2 μ M PTFE

Part No. 95530



.45 μ M PTFE

Part No. 95540



.2 μ M PVDF

Part No. 95531



.45 μ M PVDF

Part No. 95541



.2 μ M NYLON

Part No. 95538



.45 μ M NYLON

Part No. 95539



.2 μ M PES

Part No. 95535



All Styles Available in Quantities of 200 or 500

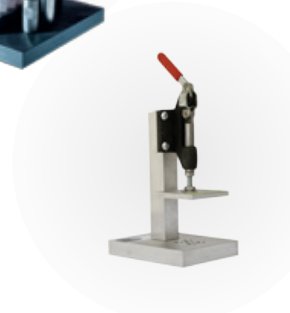
Accessories



48 Position Multi-Use Press

Case Qty: 1 | Part # 35015

8 Position for 30mL Filter Vials & 48 Position for Autosampler Ready Filter Vials.



5 Position Toggle Press

Case Qty: 1 | Part # 35005

For High Solid Content & Very Viscous liquid samples