

## MINI FILTERS

OPTI-SOLV Mini Filters are designed to provide effective pre-column filtration with perfect zero-dead-volume connections every time. Mini Filters use our patented floating tube-stem design to provide a very low-volume filtration solution ideal for protecting your analytical column or even your LC-MS interface.

A depth-filtration scheme ensures longer filter life by stacking two frits of different porosity together to selectively trap particulates at two frit surfaces instead of one.

## MICRO FILTERS

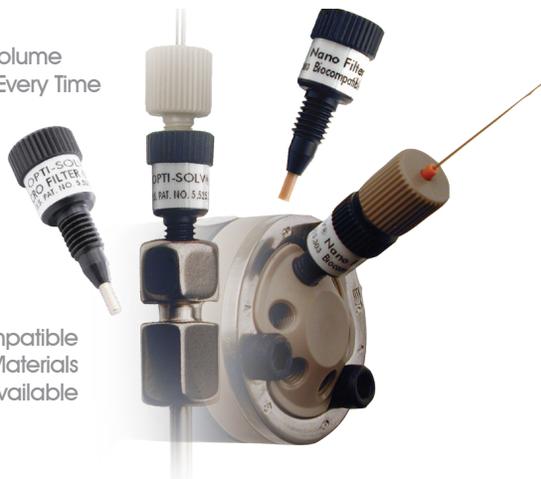
For your volume critical filtering needs, we now offer the OPTI-SOLV Micro Filter. Based on the same design that has made the Mini Filter a huge success, the Micro Filter cuts the internal volume to less than 200 nL, but retains the Mini Filter's ease of use and functionality.

## NANO FILTERS

The OPTI-SOLV Nano Filter follows our Micro Filter and shares the same design specifications, but cuts the internal volume down even more. With less than 50 nl of internal volume, the OPTI-SOLV Nano Filter is ideal for mass spectrometry to protect your electrospray and nanospray tips from clogging with debris.

Zero-Dead-Volume  
Connection Every Time

Biocompatible  
Materials  
Available



A perfect choice for pre-column filtration when volume must be kept to a minimum.



Depth-filtration design extends filter lifetime without compromising analytical column protection.

### convenience

The OPTI-SOLV Mini Filter is as easy to install as a finger-tight fitting, and is compatible with any analytical column with a 10-32 inlet port.

Requires no extra fittings or tubing to connect to your column, and auto-adjusts for ZDV connection every time, into any column.

No holder is needed; completely disposable.

### performance

Depth-filtration design captures larger particles first, smaller particles second, resulting in better protection and longer lifetime for both column and pre-filter.

Very low internal volume ensures that extra-column volume will be kept to a minimum.

### opti-solv mini filter

- 10-04-00095 OPTI-SOLV Direct Connect Mini Filter, 0.5  $\mu\text{m}$ , 5/Pk
- 10-04-00097 OPTI-SOLV Direct Connect Mini Filter, 2.0  $\mu\text{m}$ , 5/Pk
- 10-04-02768 OPTI-SOLV Direct Connect Mini Filter, 5.0  $\mu\text{m}$ , 5/Pk

### performance

The Micro and Nano Filter's ease of use and functionality perform exceptionally for volume critical applications.

### opti-solv micro & nano filters

- 10-04-03707 OPTI-SOLV Micro Filter, 10  $\mu\text{m}$ , 5/Pk
- 10-04-03357 OPTI-SOLV Micro Filter, 1.0  $\mu\text{m}$ , 5/Pk
- 10-04-03389 OPTI-SOLV Micro Filter, 2.0  $\mu\text{m}$ , 5/Pk
- 10-04-03621 OPTI-SOLV Micro Filter, 0.5  $\mu\text{m}$ , 5/Pk
- 10-04-03936 OPTI-SOLV Biocompatible Micro Filter, 0.5  $\mu\text{m}$ , 5/Pk
- 10-04-03625 OPTI-SOLV Nano Filter, 0.5  $\mu\text{m}$ , 5/Pk
- 10-04-03939 OPTI-SOLV Biocompatible Nano Filter, 0.5  $\mu\text{m}$ , 5/Pk