



# OPTIMIZE TECHNOLOGIES

## OPTI-SOLV™ 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.

## OPTI-SOLV® 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.

## OPTI-SOLV® 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 electro-spray and nanospray tips from clogging with debris.

# OPTI-SOLV®

**OPTIMIZE TECHNOLOGIES, INC.**

13993 Fir Street • Oregon City, OR 97045  
Phone: 800.669.9015 • Fax: 503.557.9995  
www.optimize-tech.com

# THE FINEST HPLC COMPONENTS & ACCESSORIES

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

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



U.S. PAT. NO. 5,525,303

### 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

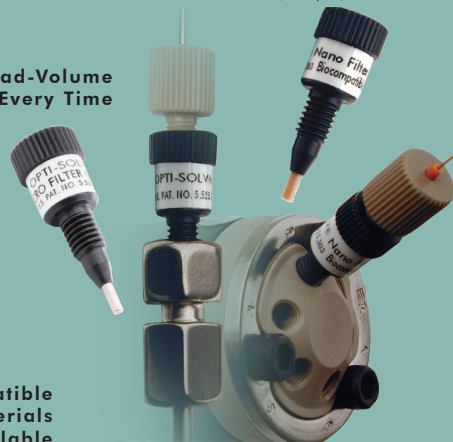
Depth-filtration design captures larger particles first, smaller particles second, resulting in better protection and longer lifetime for both column and pre-filter.

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 µm, 5/Pk
- 10-04-00097 OPTI-SOLV® Direct Connect Mini Filter, 2.0 µm, 5/Pk
- 10-04-02768 OPTI-SOLV® Direct Connect Mini Filter, 5.0 µm, 5/Pk

Zero-Dead-Volume Connection Every Time



Biocompatible Materials Available

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### 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 µm, 5/Pk
- 10-04-03357 OPTI-SOLV® Micro Filter, 1.0 µm, 5/Pk
- 10-04-03389 OPTI-SOLV® Micro Filter, 2.0 µm, 5/Pk
- 10-04-03621 OPTI-SOLV® Micro Filter, 0.5 µm, 5/Pk
- 10-04-03936 OPTI-SOLV® Biocompatible Micro Filter, 0.5 µm, 5/Pk
- 10-04-03625 OPTI-SOLV® Nano Filter, 0.5 µm, 5/Pk
- 10-04-03939 OPTI-SOLV® Biocompatible Nano Filter, 0.5 µm, 5/Pk

OPTI-SOLV® MINI, MICRO, AND NANO FILTERS