



# OPTIMIZE TECHNOLOGIES

# UHPLC GUARD



## OPTI-GUARD® EXP™ GUARD COLUMN

Optimize Technologies is proud to introduce the Opti-Guard EXP Guard Column cartridge system. Rated to 20,000 psi with hand-tight replaceable cartridges for routine use at UHPLC pressures, the unique design connects directly to any UHPLC column with an auto-adjusting Titanium Hybrid ferrule and OPTI-LOK™ EXP™ fittings, providing repeated Zero Dead Volume connections and allowing for easy adjustability between various column types. The extremely low volume design protects expensive sub 2 micron UHPLC columns without significantly changing retention times, plate counts, or peak shapes.

### ADVANTAGES OF USING OPTI-GUARD® EXP™ GUARD COLUMN

- ✓ Hand Tight Guard Replacement - No tools!  
Hardware Rated to 20,000 psi
- ✓ Packed Guard Rated to 15,000 psi (1,000 bar) for Routine Use
- ✓ 1.4 µl Swept Volume (excluding packed bed)
- ✓ Easily Interchangeable with Handtight EXP Pre-Column Filter
- ✓ Silver-Coated End Cap Eliminates Galling
- ✓ Low Volume, Low Dispersion Cartridges
- ✓ Patented Auto Adjusting ZDV Column Connection

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# U H P L C

## Auto Adjusting, Hand Tight Guard Column for Ultra High Pressure Liquid Chromatography Systems



EXP Guard system comes complete with extra EXP nut & ferrule to provide ZDV tube stop connection.

### OPTI-GUARD® EXP™ GUARD COLUMN

OPTI-GUARD EXP Guard Column Holder 15-02-03131

OPTI-GUARD® EXP™ GUARD COLUMN CARTRIDGES - Available in a variety of packing materials

15-03138-XX 3mm x 5mm OPTI-GUARD EXP Guard Cartridge, 3Pk

15-03144-XX 2.1mm x 5mm OPTI-GUARD EXP Guard Cartridge, 3Pk

15-03848-XX 1mm x 5mm OPTI-GUARD EXP Guard Cartridge, 3Pk



Titanium Hybrid Ferrule also available separately.

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