

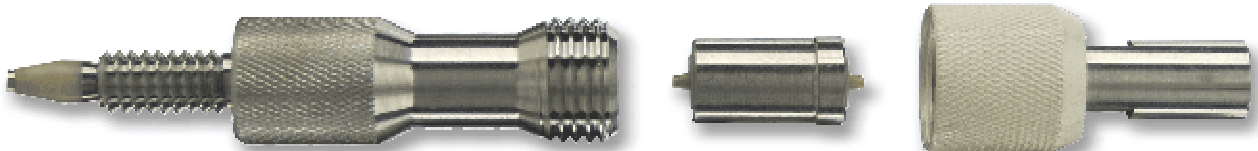
# OPTIMIZE TECHNOLOGIES

## Press Release

### OPTI-GUARD® EXP™ UHPLC Guard Column System

Oregon City, OR – July 17th, 2008 – Optimize Technologies, a leading provider of parts and consumables for HPLC 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 system pressures, the unique design connects directly to any UHPLC column with a **NEW** auto-adjusting **Titanium Hybrid Ferrule** and **OPTI-LOK™ EXP™** fittings, providing repeated Zero Dead Volume connections and allowing for easy exchange between various column types.

The combination of low dispersion and high-pressure capabilities, provide for a negligible effect on retention times, plate counts or peak shapes. This makes the **OPTI-GUARD® EXP™ Guard Column** cartridge system an unbeatable choice for sub 2-micron column protection at UHPLC pressures.



#### Advantages of the OPTI-GUARD® EXP™ Guard Column (Patent Pending)

- 3mm I.D. x 5mm length, 2.1mm I.D. x 5mm length *or* 1mm I.D x 5mm length
- Hand tight! No tools needed to exchange the cartridge
- Hardware rated to 20,000 psi
- Packed Guard rated to 15,000 psi (1,000 bar)
- 1.4 ul swept volume (excluding packed bed)
- Easily interchangeable with the **EXP™ Pre-column Filter System**.
- Silver-coated end cap eliminates galling to offer longer holder life at UHPLC pressures.



*Titanium Hybrid Ferrule*



*Guard Cartridge*

15-02-03131	OPTI-GUARD® EXP™	Guard Column Holder	
15-03138-XX	OPTI-GUARD® EXP™	Guard Cartridge, 3mm X 5mm	(3PK)
15-03144-XX	OPTI-GUARD® EXP™	Guard Cartridge, 2.1mm X 5mm	(3PK)
15-03848-XX	OPTI-GUARD® EXP™	Guard Cartridge, 1mm X 5mm	(3PK)

#### Your local Distributor:

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