

Press Release

OPTI - PAK[®] EXP[™] Stem Traps with HALO[®] for UHPLC Applications

Oregon City, OR – December 16th, 2009 – Optimize Technologies, a leading provider of HPLC and UHPLC consumables and accessories, proudly expands their range of sample purification and pre-concentration products with the introduction of the patent pending Hand-Tight **OPTI-PAK[®] EXP[™]** trap columns for use up to 20,000 (1400bar). This unique design connects directly to any injection valve (with 10-32 threads) using **OPTI-LOK[™] EXP[™]** fitting technology for unparalleled convenience and efficiency.

The entire **OPTI-PAK EXP** trap column and reusable holder are only slightly larger than a standard HPLC fitting. The slim architecture of this trap allows it to easily fit into crowded instrument compartments and tightly spaced injection ports. When tightened by hand, the Hand-Tight **OPTI-PAK EXP** seals to 8,700+ psi. All configurations incorporate wrench-flats to enable flawless sealing to 20,000 psi (1,400 bar). The unique packed floating stem design installs directly to any 10-32 port and automatically adjusts to provide a perfect ZDV connection. **OPTI-PAK EXP** columns are available in a range of bed volumes from **0.12ul** to **2.6ul** and a variety of phases including **2.7µm HALO Fused-Core[®]** packings in **C18, C8, HILIC, RP-Amide, Phenyl-Hexyl** as well as **C4, SAX and SCX**. As always, custom packing is available from Optimize Technologies.

The specialized features, patented technology, precision engineering and 100% USA manufacturing make the new **OPTI-PAK EXP** an unbeatable choice for Ultra High Pressure trapping applications.

Advantages of OPTI-PAK EXP

- Hand-tight and wrench-tight configuration
- Intended for **many** repeat uses
- Auto-adjusting zero-dead-volume connections
- Rated to 20,000+ psi
- Many chemistries available including custom packing
- Available in bed volumes from **0.12ul** to **2.6ul**
- Replacement Stems and Fittings are available separately
- Simple. Innovative. Easy to use.

OPTI-PAK EXP Trap Stem Kit



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A view of the OPTI-PAK EXP™ attached to an Injector base

