



OPTIMIZE TECHNOLOGIES

Press Release

OPTI[®]-TRAP EXP[™] Trap Columns with HALO[®] for UHPLC Applications

Oregon City, OR – December 14, 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-TRAP EXP** trap columns for use up to 20,000 psi (1,400 bar). These unique designs connect directly to any injection valve (with 10-32 threads) or in-line with **OPTI-LOK[™] EXP[™]** fittings for unparalleled convenience and efficiency.

The **OPTI-TRAP EXP** Cartridge System enables chemists to quickly remove detergents or salts which can affect the ionization process in MS work. This trapping technique can concentrate the sample directly on-line thus allowing for increased recovery of precious sample material compared to off-line techniques. On-line trapping readily lends itself to automation for high-throughput analysis in UHPLC/ MS applications. Free-turn architecture allows the user to change cartridges by hand without breaking fluid connections on the holder inlet/outlet.

The Trap cartridges are available in a range of bed volumes from **4ul** to **100ul** 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-TRAP EXP** an unbeatable choice for Ultra High Pressure trapping applications. U.S. Pat. No.s 5,525,303; 5,730,943; 5,911,954 as well as Other U.S. and foreign patents pending.

15-02-03956 · OPTI-TRAP EXP Direct Connect



15-02-03946 · OPTI-TRAP EXP In-Line

Advantages of OPTI-TRAP EXP

- Hand-tight to 20,000 psi (1400 bar)
- Intended for **many** repeat uses
- Auto-adjusting zero-dead-volume connections
- One-piece ferrule design
- Many chemistries available including custom packing
- Available in bed volumes from **4ul** to **100ul**
- Simple. Innovative. Easy to use.



For details and configurations please contact us:

OPTIMIZE TECHNOLOGIES, INC.
TF: 800-669-9015 | Tel: 503-557-9994 | Fax: 503-557-9995
www.optimizetech.com/exptraps