

STEM TRAPS WITH HALO[®]

The entire EXP Stem Trap and reusable holder are only slightly larger than a standard HPLC fitting. Its slim architecture allows it to easily fit into crowded instrument compartments or to connect directly to tightly-spaced injection ports. When tightened by hand, the EXP Stem Trap 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 installs directly into any 10-32 port and automatically adjusts to provide a perfect ZDV connection.

Our specialized features, patented technology, precision engineering and state-of-the-art manufacturing make the new EXP Stem Trap an unbeatable choice for Ultra High Pressure trapping applications.



EXP Stem Trap Kit



actual size

ADVANTAGES OF EXP STEM TRAPS

- Hand-tight and wrench-tight configurations
- Intended for many repeat uses
- Auto-adjusting ZDV connection
- Rated to 20,000 psi
- Many chemistries available including custom packing
- Available in bed volumes from 0.17ul to 2.6ul

Unparalleled
convenience
& efficiency

Please use the table below to find the bed volume and phase you require. **Example:** a three pack of 0.17 μ L Stem Traps with C8 phase would have part number 15-03997-HB.

EXP STEM TRAP KIT SELECTION GUIDE

	Bed Volume	Suggested Max Load Rate*	Dimension Code	Phase Code	Phase
HOLDER & 3 PACK OF STEMS	0.17 μ L	60 μ L/min	0 3 9 9 7	H A	C18
	0.33 μ L	120 μ L/min	0 4 0 0 3	H B	C8
	0.68 μ L	250 μ L/min	0 4 0 0 9	H D	HILIC
	1.5 μ L	500 μ L/min	0 4 0 1 5	H E	RP-AMIDE
	2.6 μ L	1 mL/min	0 4 0 2 1	H F	PHENYL-HEXL
				E S	CUSTOM

15- - -
Part Number

Custom packing is also available. Please contact us if you do not see the materials you require.

Replacement Stem Traps and Stem Holders are also available separately.

* Suggested max load rate is based on 60/40 Acetonitrile/Water Mobile phase

UHPLC

www.optimizech.com/exp