

EXP[®]2 STEM TRAP
ULTRA HIGH PRESSURE
 20,000+psi / 1,400+bar

The entire EXP2 Stem Trap and reusable holder are only slightly larger than a standard HPLC fitting. The 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 EXP2 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.

Specialized features, patented technology, precision engineering and state-of-the-art manufacturing make the new EXP2 Stem Trap an unbeatable choice for ultra high-pressure trapping applications.

EXP[®]2 Stem Holder
15-02-03996 EXP2 Stem Holder
 Includes fittings


actual size

EXP[®]2 STEM TRAP SELECTION GUIDE

	Bed Volume	Load Rate (mL/min)	Dimensions	Dimension Code	Code	Phase	
STEM TRAP KIT	0.17μL	0.005 - 0.1	125μm x 13.5mm	0 3 9 9 7	H P H Q H R	C18 C8 HILIC	5μm HALO[®]
REPLACEMENT STEMS (3 PK)	0.17μL			0 3 9 9 2	H S H T H U	Phenyl-Hexyl PFP ES-CN	
STEM TRAP KIT	0.33μL	0.01 - 0.25	180μm x 13.5mm	0 4 0 0 3	H V	Penta-HILIC	
REPLACEMENT STEMS (3 PK)	0.33μL			0 4 0 0 1			
STEM TRAP KIT	0.68μL	0.02 - 0.5	250μm x 13.5mm	0 4 0 0 9	H A H B H D	C18 C8 HILIC	2.7μm HALO[®]
REPLACEMENT STEMS (3 PK)	0.68μL			0 4 0 0 8	H E H F H N	RP-Amide Phenyl-Hexyl Peptides ES-C18	
STEM TRAP KIT	1.5μL	0.05 - 1	350μm x 13.5mm	0 4 0 1 5	H G H H H I	C18 C8 C4	3μm EXP[®]
REPLACEMENT STEMS (3 PK)	1.5μL			0 4 0 1 4	H J H K H L	HILIC Phenyl-Hexyl SAX	
STEM TRAP KIT	2.6μL	0.10 - 2	500μm x 13.5mm	0 4 0 2 1	H M	SCX	
REPLACEMENT STEMS (3 PK)	2.6μL			0 4 0 2 0	E S	Custom	

1 5 -



Part Number

To calculate the approximate sample capacity of each trap cartridge, we recommend using the ratio 4μg/1μL of bed volume. For more information about how to use this table, please see page 29.

EXP®2

STEM TRAP KIT



Holder



Fitting



Stems

Advantages of the
EXP®2 Stem Trap

- Rated to 20,000+ psi (1,400+ bar)
- Hand-tight and wrench-tight configuration
- Custom packing available
- Available in bed volumes from 0.17µL to 2.6µL
- Low-volume, low-dispersion cartridges
- Auto-adjusting ZDV connection
- Intended for many repeat uses
- For nano flow applications
- New design incorporates integral ferrule into the front-end of the holder. No separate ferrule to lose.