EXP® GUARD COLUMNS

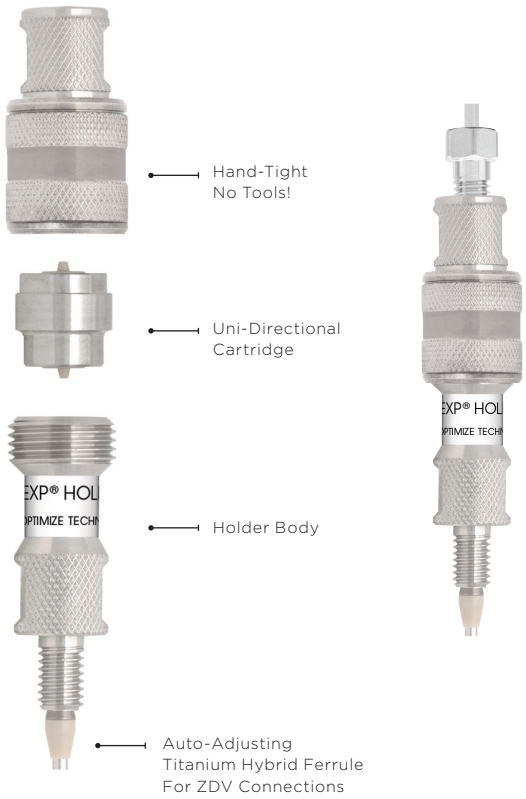
ULTRA HIGH PRESSURE
20,000+psi / 1,400+bar

The EXP Guard Column Cartridge System is rated to 15,000 psi with hand-tight replaceable cartridges. This unique design connects directly to any UHPLC column with the auto-adjusting Titanium Hybrid Ferrule and EXP® Fittings, providing repeated zero-dead-volume connections and easy adjustability between various column types.

Free-Turn® architecture allows the user to change cartridges by hand without breaking fluid connections on the holder inlet/outlet. The combination of low-dispersion and ultra high-pressure capabilities provides effective protection with negligible effects on retention time, plate count and peak shape.

EXP® Guard Column Advantages

- Hand-tight guard replacement - no tools
- Hardware rated to 20,000+ psi (1,400+ bar)
- Packed guard rated for routine use to 15,000 psi (1,000 bar)
- 1.4µL swept volume (excluding packed bed)
- Hardened stainless steel end cap eliminates galling
- Low-volume, low-dispersion cartridges
- Auto-adjusting ZDV column connection
- Custom packing available



EXP® Holder
15-02-03956 EXP Direct Connect Holder
Includes fittings

EXP® GUARD COLUMN SELECTION GUIDE

	Dimensions	Dimension Code	Code	Phase	
3 PACKS	1.0 x 5mm	0 4 1 0 0	H A	C18	1.8µm
			H B	C8	
			H C	C4	
			H D	HILIC	
	1.5 x 5mm	0 4 1 0 2	H E	C18	3µm
			H F	C8	
	2.1 x 5mm	0 4 1 0 4	H G	C4	
			H H	HILIC	
	3.0 x 5mm	0 4 1 0 6	H I	Phenyl-Hexyl	
			H J	SAX	
	4.6 x 5mm	0 4 1 0 8	H K	SCX	
			E S	Custom	

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Part Number