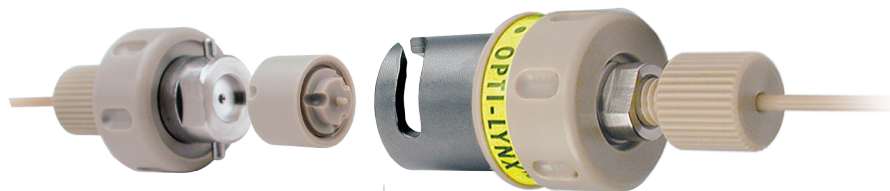


## TRAP CARTRIDGES

The OPTI-LYNX trap cartridge is a versatile analyte trapping system, offering a range of capacities and bed volumes in a quick-connect cartridge design. When you need to switch traps, simply open the hardware with a quarter-turn, and pop in a new cartridge. OPTI-LYNX trap cartridges can be packed with a selection of silica-based or polymeric materials selected for convenient sample loading and cleanup. These materials can be used separately or combined to perform a variety of sample cleanup and concentration steps prior to LC and/or MS analysis.

The OPTI-LYNX system connects to 1/16" tubing for in-line operation in a variety of settings, and can be placed directly within the loop of an injection valve to facilitate automated sample loading, flushing and elution. We offer injector connector kits contain everything you need to use OPTI-LYNX traps in an injection loop.



The OPTI-LYNX Trap System gives you instant quarter-turn access to trap cartridges in a variety of bed diameters.

### applications

- Cleaning, desalting and purification
- Analyte trapping - proteins, peptides, drugs/small molecules
- Multi-bed/2D chromatography

### design parameters

- Low-volume quick-connect interface
- Scalable bed volumes
- Can be used at pressures of up to 6,000 psi

## BUILDING YOUR PART NUMBER AND SELECTING THE OPTIMAL BED FORMAT

Build your OPTI-LYNX cartridge part number - start with "11", add the five-digit code for the bed volume and dimension you want, and finally, add the two-letter code for the packing material you need. Use the table below to select your trap cartridge part number.

**EXAMPLE:** To order an OPTI-LYNX Trap Cartridge with 4  $\mu$ L C18 your part number will be 11-02868-TA.

### OPTI-LYNX BED SELECTION GUIDE

	Capacity	Load Rate*	Bed Volume	Dimension	Dimension Code	Sorbent Code	Sorbent
5 Packs	16 $\mu$ g	40 - 60 $\mu$ l/min	4 $\mu$ l	1 x 5 mm	0 2 8 6 7	T A	C18
	40 $\mu$ g	100 - 150 $\mu$ l/min	10 $\mu$ l	1.5 x 5 mm	0 3 7 8 7	T B	SCX
	80 $\mu$ g	200 - 800 $\mu$ l/min	20 $\mu$ l	2.1 x 5 mm	0 2 8 6 9	T D	C18AQ
	160 $\mu$ g	0.4 - 1.6 mL/min	40 $\mu$ l	3.0 x 5 mm	0 2 8 7 1	T E	SAX
	400 $\mu$ g	1 - 4 mL/min	100 $\mu$ l	4.6 x 5 mm	0 2 8 7 3	T F	C8
						T G	C4
						T H	DVB
						D Q	DVB/SCX
						E S	Custom

11-      -

Part Number

