



OPTI-LYNX™

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.



U.S. PAT. NO. 6,095,572

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

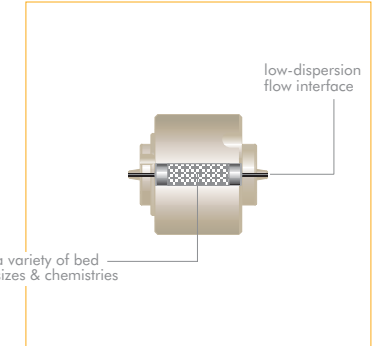
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APPLICATIONS

- 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 & selecting the optimal bed format...

OPTI-LYNX TRAP CARTRIDGES



bed volume + dimension	code	code	phase
4 μ L / 1 x 5 mm	02868	TA	C ₁₈
20 μ L / 2.1 x 5 mm	02870	TB	SCX
40 μ L / 3.0 x 5 mm	02872	TD	C ₁₈ AQ
100 μ L / 4.6 x 5 mm	02874	TE	SAX
		TF	C ₈
		TG	C ₄
		TH	DVB (divinyl benzene)
		DQ	DVB/SCX
		ES	Custom

Don't see the phases/sorbents you require? Please contact us for more information about our custom packing services (at decidedly non-custom prices!).

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

BED SELECTION GUIDE

16 μ g	1 - 800 μ L	40-160 μ L/min
80 μ g	4 μ L - 4 mL	200-800 μ L/min
160 μ g	8 μ L - 8 mL	0.4 - 1.6 mL/min
400 μ g	20 μ L - 20 mL	1 - 4 mL/min

Use these guidelines to select an optimal bed for your application, but note that they are just that - guidelines, not strict limits.

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OPTI-LYNX™ trap cartridges



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