



OPTIMIZE TECHNOLOGIES
INNOVATION. PEACE OF MIND. EASE OF USE.

OPTI-LYNX™
TRAP CARTRIDGES

OPTIMIZE TECHNOLOGIES
13993 Fir Street
Oregon City, OR 97045
Tel: 503.557.9994 ::: Fax: 503.557.9995
www.optimize-tech.com
20090224

optimizeproteomics

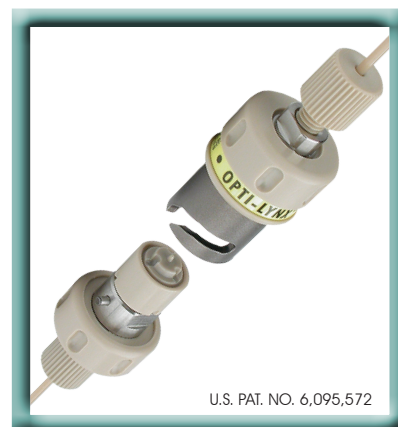


OPTI-LYNX™

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.



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 µL C18 your part number will be 11-02868-TA.

| | Capacity | Load Rate* | Bed Volume | Dimension | Dimension Code | Sorbent Code | Sorbent |
|---------|----------|------------------|------------|------------|----------------|--------------|---------|
| 5 Packs | 16 µg | 40 - 160 µl/min | 4 µl | 1 x 5 mm | 0 2 8 6 7 | T A | C18 |
| | 40 µg | 100 - 500 µl/min | 10 µl | 1.5 x 5 mm | 0 3 7 8 7 | T B | SCX |
| | 80 µg | 200 - 800 µl/min | 20 µl | 2.1 x 5 mm | 0 2 8 6 9 | T D | C18AQ |
| | 160 µg | 0.4 - 1.6 mL/min | 40 µl | 3.0 x 5 mm | 0 2 8 7 1 | T E | SAX |
| | 400 µg | 1 - 4 mL/min | 100 µl | 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 |



*This is a general guide. Higher load rates are possible depending on sample.