

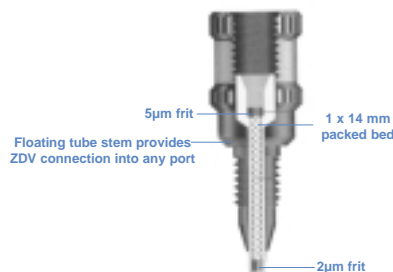
E 4 Optimize Technologies Guard Columns

OPTI-GUARD® 1 mm

Designed for use with any HPLC column, the unique floating stem design of the OPTI-GUARD® 1 mm automatically adjusts to any manufacturer's tube stop depth for a zero-dead-volume connection every time. No larger than a standard fitting, the OPTI-GUARD® 1 mm requires no special connecting hardware or tools for installation.

The elegant design of the OPTI-GUARD® 1 mm also lends to its effectiveness as a low-impact guard column. Special packing materials are selected to complement the OPTI-GUARD's narrowbore ID, providing effective protection for your analytical column without influencing your chromatography. Fully disposable, simply switch the OPTI-GUARD® 1 mm as needed to maintain effective column protection.

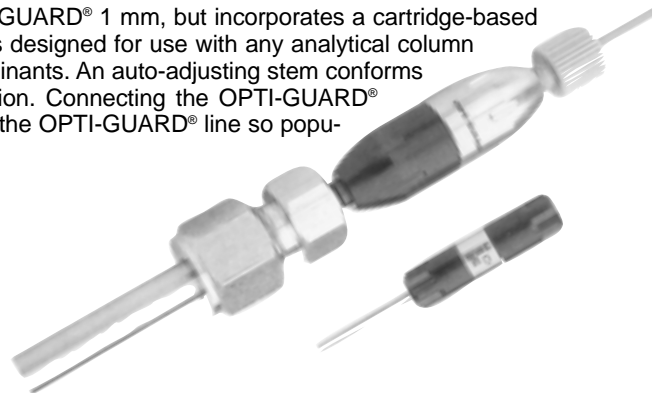
| Part No. | Description (5/pk) | Price |
|-------------|---------------------------------------|-------|
| 10-02-00007 | C18 | |
| 10-02-00010 | C8 | |
| 10-02-00014 | Silica | |
| 10-02-00018 | Phenyl | |
| 10-02-00022 | Cyano/CN | |
| 10-02-00026 | Amino/NH ₂ | |
| 10-02-00030 | Anion Exchange | |
| 10-02-00034 | Cation Exchange | |
| 10-02-01714 | Method Development (5 pk Assorted) | |



OPTI-GUARD® 3 mm

The OPTI-GUARD® 3 mm maintains the tool-free connectivity of the OPTI-GUARD® 1 mm, but incorporates a cartridge-based format to allow for a larger bed with more capacity. The two part holder is designed for use with any analytical column providing vital protection from dirty samples and strongly retained contaminants. An auto-adjusting stem conforms perfectly to any tube stop depth resulting in a perfect zero-dead-volume connection. Connecting the OPTI-GUARD® requires no extra tubing, maintaining the minimal impact philosophy that has made the OPTI-GUARD® line so popular. As always, custom packings are available in the material of your choice.

| Part No. | Description (3/pk) | Price |
|-------------|---------------------------------|-------|
| 10-02-01482 | C18 Cartridge | |
| 10-02-01485 | C8 Cartridge | |
| 10-02-01488 | NH ₂ Cartridge | |
| 10-02-01491 | Silica Cartridge | |
| 10-02-01495 | OPTI-GUARD® 3 mm PEEK/SS Holder | |



OPTI-LYNX™ Guard Column

The OPTI-LYNX™ Guard Column system is a high-performance, cartridge-based guard system suitable for use with any silica-based analytical column. Some cartridge-based guard column products offer convenience with a price - higher internal volumes. At Optimize Technologies, we refuse to compromise performance for anything. OPTI-LYNX™ utilizes low dispersion component interfaces to keep extra-column volume to a minimum; the connection paths to the guard cartridge have a total internal volume of less than 2 µL. You get quick-connect convenience and low dispersion, all in one package.

The OPTI-LYNX™ Guard Column system fits any analytical column with 10-32 ports. Start with our OPTI-LYNX™ Guard Column Holder Kit, then select OPTI-LYNX™ Guard Cartridges in the chemistries you require - they are available individually and in five packs.

| Part No. | Description | Price |
|-------------|--|-------|
| 11-02232-AA | Opti-Lynx Guard Column Holder Kit Includes: Universal Port Adapter, Guard Holder tube, Holder Cap and Fitting | |

| Part No. (Single) | Packing | Part No. (5 pk) |
|-------------------|-----------------------|-----------------|
| 11-02255EA | C18 | 11-02630EA |
| 11-02255EB | C8 | 11-02630EB |
| 11-02255EC | Silica | 11-02630EC |
| 11-02255ED | Phenyl | 11-02630ED |
| 11-02255EE | Cyano/CN | 11-02630EE |
| 11-02255EG | Anion/SAX | 11-02630EF |
| 11-02255EF | Amino/NH ₂ | 11-02630EG |
| 11-02255EH | Cation/SCX | 11-02630EH |

