

Life can be tough in the Lab...

Be like a Tardigrade

Find out more about me and  
**BIG SAVINGS** Inside



Offers Expire:  
**13 Dec. 2019**  
Offer code:  
**YEPI2019**

 **phenomenex**<sup>®</sup>  
...breaking with tradition<sup>SM</sup>

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## Do You Know Me?

Tardigrades are among the most resilient known animals, with individual species able to survive extreme conditions including being exposed to outer space!

# Make Your Lab Tougher with Your OWN Tardigrade!

Use the code word **“TOUGH”** when placing your order to get a **FREE** indestructible chromatography companion!\*

*\*Available while supplies last!*



Request your tardigrade by:  
**13 December 2019**

**Disclaimer**

Limit 1 tardigrade per customer. Before ordering promotional items, please consult your company's policy on promotional items. Allow 6-8 weeks for delivery. Tardigrades available in certain regions only; local distributors may substitute for gift of equal value.

# HPLC/UHPLC

## Achieve STRONG Peaks With These LC Columns!

Get ready for another level of efficiency with Kinetex core-shell technology, setting the benchmark for superficially porous LC columns. Awarded with the "Gold Seal of Quality" and voted as the "Scientist's Choice" by SelectScience®, this is sure to be an unforgettable experience!



### Key features:

- Complete scalable solutions from UHPLC, HPLC, and Preparative LC
- Ultra-high column efficiency on any HPLC/UHPLC
- Easy system-to-system and lab-to-lab method transfer
- Broad range of available selectivities



[www.phenomenex.com/Kinetex](http://www.phenomenex.com/Kinetex)

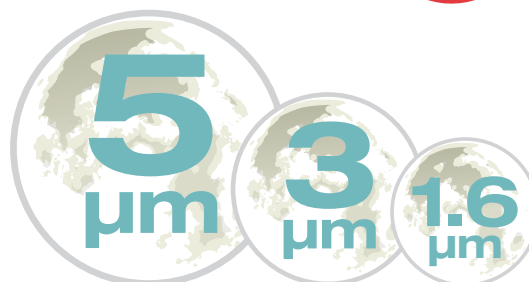
With unique selectivities and extremely robust fully porous silica that offers astounding performance and inertness alongside reliability, Luna Omega LC columns will take your analysis to a whole new level!

explore

LUNA®  
OMEGA

### Key Benefits:

- Greater separation muscle
- Better peak shape through inert foundation
- Extreme ruggedness and dependability
- 1.6, 3, and 5 μm particle sizes
- Easy transition between UHPLC, HPLC, and Preparative LC



[www.phenomenex.com/LunaOmega](http://www.phenomenex.com/LunaOmega)

## HPLC/UHPLC Column Deals

# 20% OFF

any Gemini, Luna, Luna Omega, Kinetex, or Synergi HPLC/UHPLC columns

OR

# 30% OFF

2 or more Gemini, Luna, Luna Omega, Kinetex, or Synergi HPLC/UHPLC columns



Limit 5 columns per company. Excludes guard columns.  
Offer applies to columns with ≤ 4.6 mm ID, and only valid for new Phenomenex part numbers.

## Get Titanium TOUGH with bioZen columns!

bioZen LC columns bring strength to your separations! Fusing new titanium hardware, three particle platforms, and eight particle chemistries to maximize selectivity and sensitivity, bioZen can withstand even the toughest biologics analyses!

### Designed for:

- Peptide Mapping (RP)
- Aggregate Analysis (SEC)
- Charge Variant Analysis (IEX)
- Glycan Analysis (HILIC)
- Peptide Quantitation (RP)
- Intact and Fragment Analysis (RP)
- Intact Mass (RP)
- Drug Antibody Ratio (RP)
- Glycan Sample Prep (SPE)
- Immunocapture (Magnetic Beads)



[www.phenomenex.com/bioZen](http://www.phenomenex.com/bioZen)

## HPLC/UHPLC Column Deals

# 25% OFF

any Aeris, bioZen, Rezex, Yarra, Phenogel, or Lux LC columns

OR

# 35% OFF

2 or more Aeris, bioZen, Rezex, Yarra, Phenogel, or Lux LC columns



Limit 5 columns per company. Excludes guard columns.

Offer applies to columns with ≤ 7.8 mm ID (≤ 10 mm ID for Rezex), and only valid for new Phenomenex part numbers.

# LC Column Protection and Column Connectors

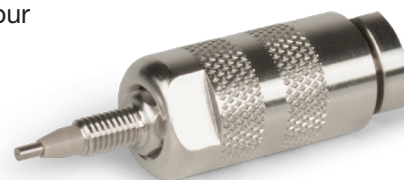
## Even the Toughest Column Could Use Some Protection!

Save Time and Money! Chemical contaminants and particulates are a natural part of any chromatographic analysis. The easiest way to extend column performance is to remove these contaminants and particulates with the SecurityGuard Cartridge System before they reach your column and degrade your chromatography.

**SecurityGuard**  
Column Protection

### Key Benefits:

- Protects and extends UHPLC, HPLC and PREP column lifetime
- Virtually no change in chromatography
- Simple to use



[www.phenomenex.com/SecurityGuard](http://www.phenomenex.com/SecurityGuard)

## The Power of a Strong Connection!

The SecurityLINK UHPLC fingertight fitting system simplifies your system and column connections and provides consistent performance with torque limiting technology that prevents column damage from overtightening.

**SecurityLINK**  
UHPLC Connections in a Click

### Key Features:

- No tools required for quick and easy installation
- Fitting self-adjusts at column inlet to ensure zero dead-volume for better chromatographic results
- Torque limiting technology prevents system and column port damage
- UHPLC and HPLC compatibility: pressure rated to 19,000 psi (1,310 bar)



[www.phenomenex.com/SecurityLINK](http://www.phenomenex.com/SecurityLINK)

### Column Protection

# 30% OFF

Your purchase of 2 or more packs of SecurityGuard products



Limit 6 products at discounted rate, per company.

### Column Connectors

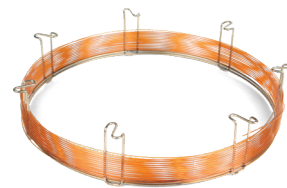
# 20% OFF

Your purchase of Security Link Products



Limit 6 products at discounted rate, per company.

## The Next Generation of Inertness for TOUGH Separations!



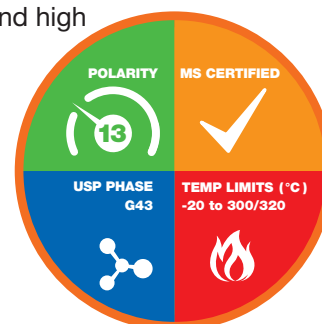
### Zebron ZB-624PLUS™

Take your analysis to a new level with the Zebron ZB-624PLUS, the next generation of GC inertness and the optimal choice for the analysis of volatile compounds! Coast through Low Bleed for GC-MS, and enjoy enhanced peak shapes with superior deactivation and high temperature stability (300/320° C)!

#### Key features:

- Symmetrical peaks for active analytes
- Superior deactivation
- Increased sensitivity for high boiling point solvents
- Excellent column-to-column reproducibility

[www.phenomenex.com/ZB624PLUS](http://www.phenomenex.com/ZB624PLUS)



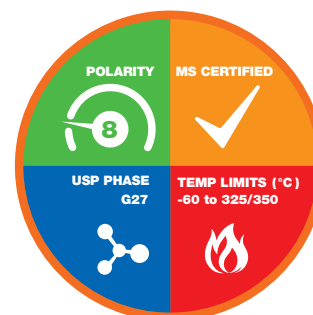
### Zebron ZB-5MSPLUS™

Experience the new generation of inertness with Zebron ZB-5MSPLUS for specialty chemical, forensic, toxicology, pharmaceutical, and food testing applications!

#### Key benefits:

- Improved analyte responses and peak shapes
- Reduced absorption
- Clean, highly inert fused silica surface
- Low bleed (MS Certified) for high sensitivity GC-MS and GC-MS/MS work

[www.phenomenex.com/ZB5MSPLUS](http://www.phenomenex.com/ZB5MSPLUS)



# 20% OFF

any Zebron GC columns

## GC Column Deals

OR

# 30% OFF

3 or more Zebron GC columns



Limit 5 columns per company, and only valid for new Phenomenex part numbers.  
Excludes custom columns and guard columns.

Request a quote at: [www.phenomenex.com/Quote](http://www.phenomenex.com/Quote)

# Sample Preparation

Offers improved and rugged polymeric sorbent performance combined with matrix removal technology, a revolutionary combination! You can now reduce your protocol time by at least 40% with 3-step and 2-step SPE options. Less steps with no conditioning or equilibration create a fast SPE method without losing out on the importance of SPE: cleaning up your samples.



[www.phenomenex.com/StrataXPRO](http://www.phenomenex.com/StrataXPRO)

Explore your sample clean-up with Strata DE, a supported liquid extraction (SLE) solution that works as a guaranteed alternative to diatomaceous earth SLE sorbents for cleaner extractions. Strata DE provides improvements over inconsistent liquid-liquid extractions (LLE) to give you the ultimate recovery!

#### Key features:

- Guaranteed alternative for other DE SLE sorbents
- 200 µL 96-well plates, 400 µL 96-well plates
- 12 cc (2 mL capacity) and large volume 60 cc (20 mL capacity)



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Find a retention mechanism or separation mode to remove unwanted contaminants from your samples. Discover a reversed phase or ion-exchange Strata-X sorbent based on your target analytes to WIN increased column lifetimes and to reduce maintenance on your MS.



#### Key Benefits:

- Remove proteins, particulates and de-salt samples for better chromatography
- Tightly retain target analytes
- Easily clean up large sample volumes
- Microelution format available for small sample volumes and concentrated eluates

Create your own tardigrade-tough SPE method in under a minute!

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## Sample Preparation

Buy 2 Boxes, Get 1 Box

**FREE**



Limit 10 boxes per company. Applies to β-Gone™, Novum™, Phree™, roQ™, Strata®, Strata DE, Strata-X, and Strata-X PRO products.

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Offer code: **YEPI2019**

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### Disclaimer

Gemini and Kinetex EVO are patented by Phenomenex. U.S. Patent Nos. 7,563,367 and 8,658,038 and foreign counterparts.

Strata-X, Clarity OTX, and Clarity QSP are patented by Phenomenex. U.S. Patent No. 7,119,145; European Patent No. 1,506,239.

SecurityGuard is patented by Phenomenex. U.S. Patent No. 6,162,362.

**CAUTION: this patent only applies to the analytical-sized guard cartridge holder, and does not apply to SemiPrep, PREP or ULTRA holders, or to any cartridges.**

Novum is patent pending.

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