

bioZen High pH Fractionation Column

Bio-Inert Titanium Column Hardware

The bioZen High pH Fractionation HPLC Column provides superior performance with its titanium hardware which minimizes nonspecific adsorption resulting in increased confidence in your peptide identifications.



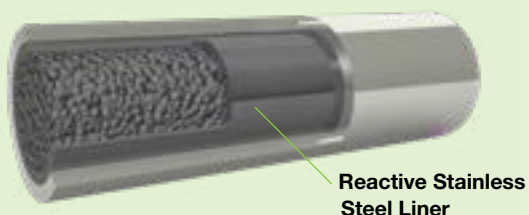
Inside the bioZen Biocompatible Hardware Difference

The use of bio-inert hardware not only improves the chromatographic performance, but also provides improvements in sensitivity.

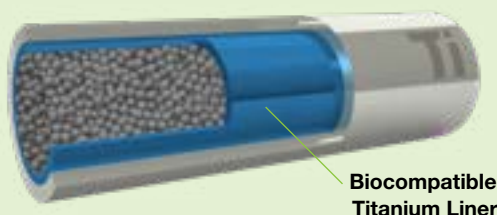


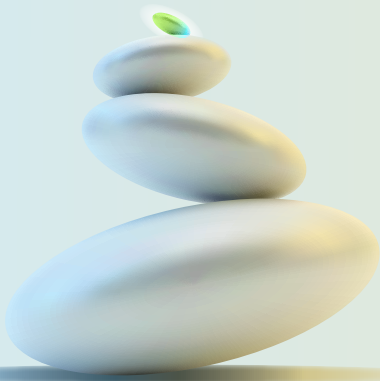
BioTi™ LC Hardware Minimizes Adsorptive Interactions and Sample Loss

Stainless Steel Column Hardware



Biocompatible Column Hardware





bioZen High pH Fractionation Applications

The newest addition to the bioZen portfolio brings a unique combination high pH ruggedness and inertness necessary for phosphopeptides analysis.



Explore the following bioZen High pH Fractionation Resources:



Bio-Inert High pH Fractionation

[Deep Proteome Coverage on HeLa Lysate using a bioZen™ Fractionation Column for High pH \(Basic Reversed Phase\) Fractionation in Combination with a bioZen Nano Peptide XB-C18 Column for Nano Flow LC-MS](#)

Fractionation Column Loading Capacity

[Improved Loading Capacity of bioZen 3 μm NX-C18 Fractionation Column](#)

Additional Nano Resources:



Increased IDs

[Number of Protein and Peptide Identifications for the bioZen™ Nano 2.6 μm XB-C18 LC Column in HeLa Lysate](#)

Diverse Selectivity

[Investigating the Influence of Selectivity in bioZen Nano Column and Trap in Bottom Up Proteomics \(TN-1282\)](#)

Robust Performance

[Column Reproducibility and Robustness in Nano LC-MS](#)

Have Questions or
Need a Quote?

Chat with our Nano Experts



chat now

Quotes, Methods, Tips... We're here to help



www.phenomenex.com/bioZenNano

Ordering Information



High pH Fractionation Column

Fractionation Column		
Part No.	Description	Dimension
00F-4793-AW	bioZen 3 µm High pH Fractionation Column	150 x 2.1 mm



bioZen Nano LC Columns with Integrated SecurityLINK™ Fitting

Phases	150 x 0.075 mm	250 x 0.075 mm	500 x 0.075 mm
bioZen 3 µm Peptide PS-C18	00F-4771-AW-21	00G-4771-AW-21	-
bioZen 2.6 µm Peptide XB-C18	00F-4768-AW-21	00G-4768-AW-21	-
bioZen 3 µm Polar-C18	00F-4782-AW-21	00G-4782-AW-21	-
bioZen 5 µm Peptide XB-C18	-	-	00J-4792-AW-21



bioZen Nano LC Columns with Open Fused-Silica Inlet Fitting

Phases	150 x 0.075 mm	250 x 0.075 mm	500 x 0.075 mm
bioZen 3 µm Peptide PS-C18	00F-4771-AW-11	00G-4771-AW-11	-
bioZen 2.6 µm Peptide XB-C18	00F-4768-AW-11	00G-4768-AW-11	-
bioZen 3 µm Polar-C18	00F-4782-AW-11	00G-4782-AW-11	-
bioZen 5 µm Peptide XB-C18	-	-	00J-4792-AW-11



Nano Trap Columns

Trap Columns		
Phases	10 x 0.075 mm	Unit
RP-1 (General RP)	05N-4252-AW	3/pk
RP-2 (Aqueous Stable RP)	05N-4754-AW	3/pk



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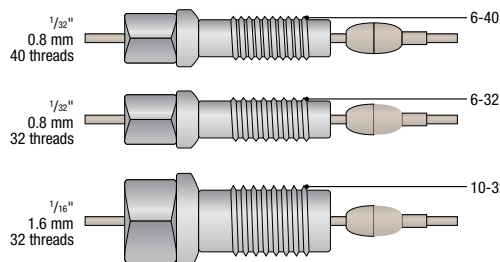
Fittings

Trap Fittings		
Part No.	Description	Unit
A00-7602	PEEKlok™ fittings with 6-40 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
A00-7603	PEEKlok fittings with 6-32 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
A00-7600	PEEKlok fittings with 10-32 thread for 1/32" OD tubing with low profile hex head (2 x fittings, 6 x ferrules and 1 x wrench)	ea



Trap Fitting Guide

Traps		
Threads per inch	Pitch (inches)	Pitch (mm)
32	0.0313	0.794
40	0.025	0.635



Caution

The installation of an improper nut could potentially cause cross-threading or damage to the port and fitting

Verify fit: Traps are available for 1/16" connections (10-32 thread) or with 1/32" connections (6-40 or 6-32 thread).

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