

Nano LC Traps



Thank you for purchasing bioZen Nano Traps. Below are recommended instructions for the installation of your Nano Trap. For additional information, please refer to the care and use guide at Phenomenex.com/bioZen.

Installation Steps:



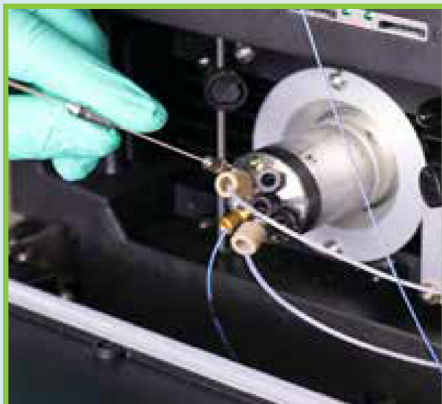
1. Fit the nut onto the end of the PEEKsil™ tubing of the Nano Trap.



2. Fit the ferrule onto the end of the PEEKsil tubing of the Nano Trap. The ferrule should be next to the short/threaded end of the nut.



3. Insert the tubing with nut and ferrule into the port, and gently push in the tubing until the end touches the bottom of the port.



4. Slide the nut along the tubing into the port, gently tighten the nut clockwise until the thread begins to engage.



5. Start to tighten the nut while gently pushing the tubing into the port. Find the point where the tubing is fully engaged in the union and the ferrule is just gripping the tubing.



6. For first time installation: Turn the wrench a half rotation clockwise to tighten the connection.



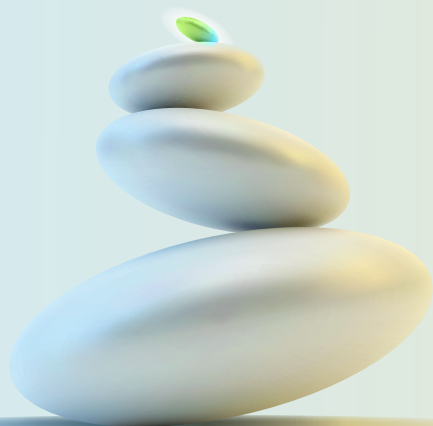
7. Slide the wrench off the nut, making sure not to damage or kink the tubing. Leave one end open to check flow.



8. Install the other end of the bioZen Nano Trap into the valve port and check for leaks by monitoring pressure.



9. Connection Complete!



Ordering Information

bioZen Nano Traps

Part No.	Description	Unit
05N-4252-AW	Nano Trap RP-1 (C18) Trap Column 10 x 0.075 mm	3/pk
05N-4754-AW	Nano Trap RP-2 (Polar C18) Trap Column 10 x 0.075 mm	3/pk

PEEKLoK Fittings

Part No.	Description	Unit
AQO-7602	PEEKLoK™ fittings with 6-40 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
AQO-7603	PEEKLoK fittings with 6-32 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
AQO-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

bioZen Nano LC Columns

bioZen Nano Column – SecurityLINK™ Fingertight Fitting	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 5 µm Peptide XB-C18	—	—	00J-4792-AW-21
bioZen 3 µm Peptide Polar-C18	00F-4782-AW-21	00G-4782-AW-21	—

bioZen Nano Column – Open Fused Silica Inlet/Outlet	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 5 µm Peptide XB-C18	—	—	00J-4792-AW-11
bioZen 3 µm Peptide Polar-C18	00F-4782-AW-11	00G-4782-AW-11	—

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