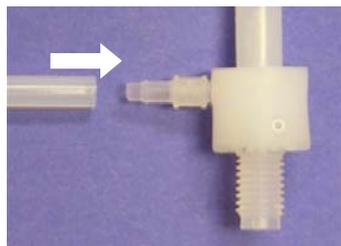


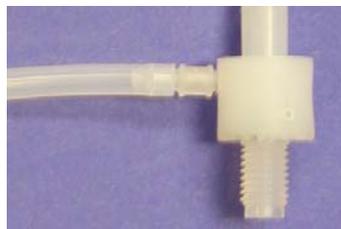
PFA-ST or PolyPro-ST Nebulizer Installation Guide

1. Connecting the gas line to the Nebulizer:

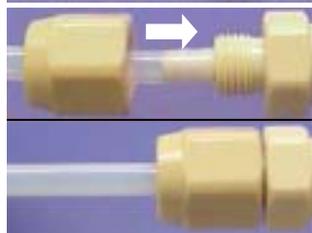
1 Firmly push the gas line onto the nebulizer.



2 Make sure the gas line is completely on the nebulizer.



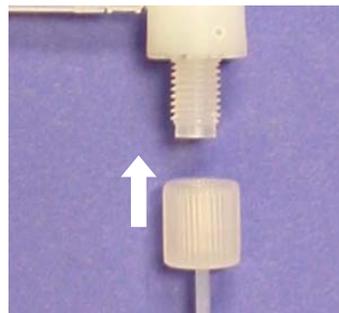
3 Select appropriate fitting from ES-2501 to connect the other end of the gas line to the ICP gas supply.



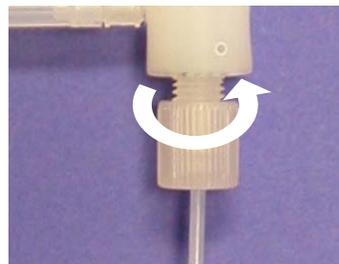
ICP gas connection may differ from the one shown

2. Attaching sample line or Autosampler probe:

1 Select either ST nebulizer sample line or an auto-sampler probe.

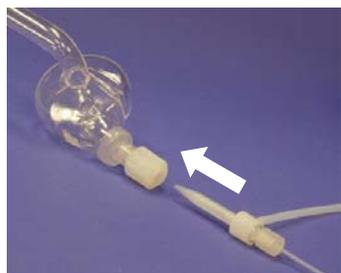


2 Attach the fitting to the nebulizer.



3. Installing the Nebulizer into Spray Chamber:

1 Insert the nebulizer into the ferrule-nut of the spray chamber.



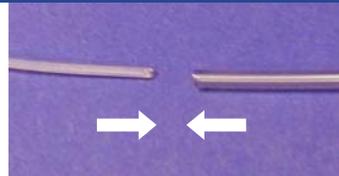
2 Finger tighten the ferrule-nut.

DO NOT OVER TIGHTEN: the nebulizer should still be able to rotate.



4a. Using a Peristaltic Pump:

1 Cut the sample line to an appropriate length for the peristaltic pump distance



2 Insert the sample line into the peripump tubing.*



For very small I.D. pump tubing (< 0.7 mm) contact ESI.

*wetting the pump tubing with water or cutting the sample tube at a 45° angle will make insertion into the pump easier.

4b. Self Aspirating the sample:

1 Simply place sample line into blank or standard solution