

Rinsing the 4-Way Connector

During normal instrument use, the 4-way connector may become clogged. In order to remove most clogs from the 4-way connector, follow the instructions below.

Materials Needed:

- Flush Kit (Part #: 344345)
- 5/16" Crowfoot Wrench (Part #: 043050)

Instructions:

Connecting the Flushing Apparatus

- Refer to **Figure 1** to identify the parts of the flushing apparatus.
- Attach a Female Luer to 1/4-28 Adapter to the 10 mL Syringe.

- Attach the FEP tubing to the Female Luer using a 1/4-28 Black Tubing Nut and a 1/16" Flangless White Ferrule.

Note: Be sure that the ferrule is installed correctly. For instructions on ferrule installation see **Figure 3**.

- Slide a 1/4-28 Black Tubing Nut and a 1/16" Flangless White Ferrule on the other end of the FEP tubing.

Rinsing the 4-Way Connector

- Disconnect the four tubing nuts from the 4-way connector (**Figure 2**). Nuts in positions 2 and 3 may be tight so use a 5/16" crowfoot wrench to loosen.
- Fill the 10 mL syringe with dH₂O and then attach it to port 4 via the 1/4-28 Black Tubing Nut.

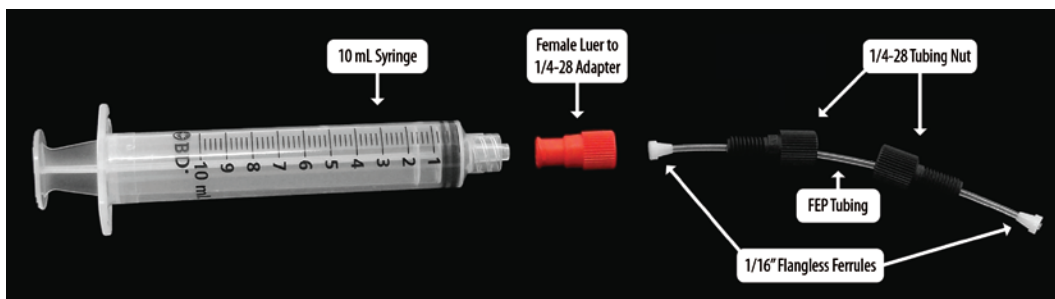


Figure 1. Flushing apparatus connections.

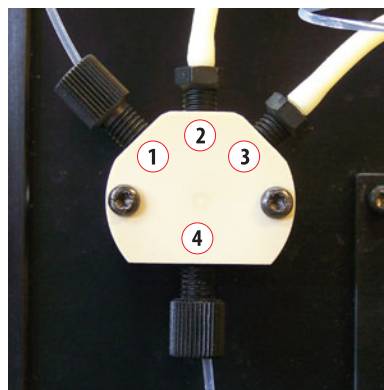


Figure 2. 4-way connector with nuts attached.

- Use two 1/4-28 Black Plugs to block ports 2 and 3 so that dH₂O flushes out through port 1. Use a paper towel to cover the port being rinsed to collect the dH₂O that flushes out.
 - Once port 1 has been flushed, move the 1/4-28 Black Plugs accordingly so that port 2 and port 3 are flushed. Only one port should be flushed at a time.
 - Once all of the ports have been flushed, re-attach the 4 tubing nuts to the 4-way connector. Refer to **Figure 2** for correct tubing attachment.
 - The tubing nuts in positions 2 and 3 need to be hand tightened and followed with a 1/4 turn with a 5/16" Crowfoot wrench.
- Run several rinses to make sure that the clog was removed. If the clog does not clear, please contact Sapidyne for assistance.

Ferrule Installation Instructions

- 1/16" Flangless White Ferrules should be installed on the tubing so that the tapered end faces the tubing nut and the flat end faces out (**Figure 3**).
- Be sure the tubing is pushed all the way through the ferrule before installing. When tightening the nut, hold the tubing in to be sure it is all the way in.

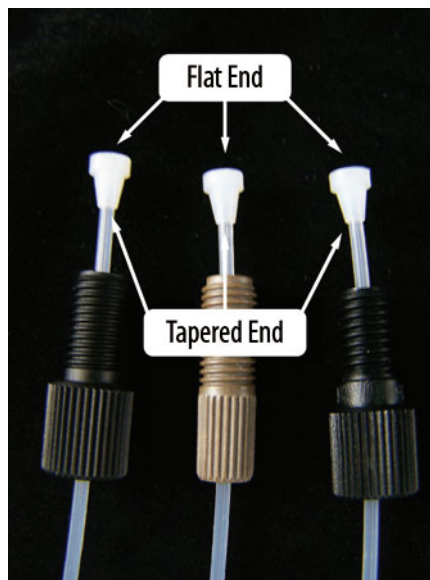


Figure 3. White ferrule with tapered end facing the nut.