

# Autosampler-KinExA Plumbing Connection

Use the following procedure for connecting the Autosampler to the KinExA® 3200:

1. Attach a *Union* to the *Autosampler Buffer Line*, then remove the *Instrument Buffer Line* from Port 1 on the *Sample Selection Valve* (Figure 1).
2. Connect the *Buffer Lines* together via the *Union* (Figure 2) and route the excess *Line* through the upper left *Tubing Support* (Figure 3).
3. Disconnect the *Flow Cell Line* from the bottom of the *4-way Connector* (Figure 4).
4. Remove the *White Ferrule* and *1/4-28 Black Nut* and add a *10-32 Tan Nut* and *Tan Ferrule* to the *Line*.
5. Connect the *Flow Cell* and *Autosampler Sample Line* together through a *Union* (Figure 5). Route the *Tubing* through the upper left *Tubing Support* on the *KinExA* (Figure 6).

**NOTE:** See Figures 7 & 8 for proper *Ferrule* installation.

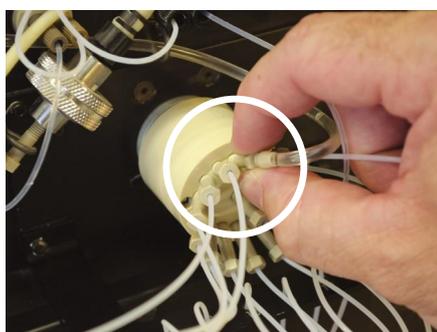


Figure 1. Removing the Buffer Line from the Sample Selection Valve.



Figure 2. Connecting the Autosampler and KinExA Buffer Lines.

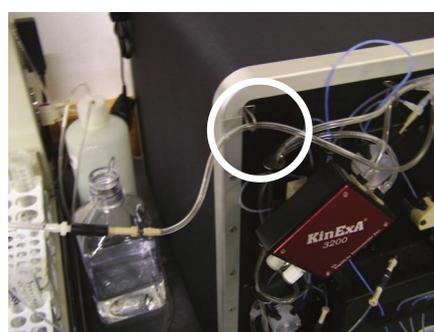


Figure 3. Buffer Tubing routed through the Tubing Support.

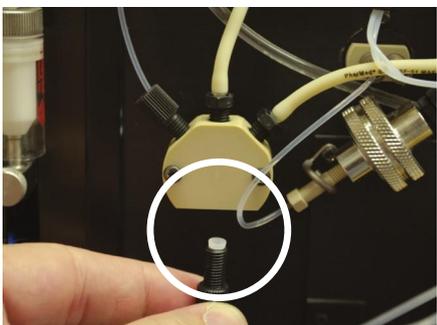


Figure 4. Removing the Flow Cell from the 4-way Connector.



Figure 5. Connecting the Flow Cell and the Autosampler Sample Line.



Figure 6. Sample Line routed through the Tubing Support.

## Ferrule Installation Instructions

The *White Ferrule* slides onto the *Tubing* with the tapered end toward the *Nut* and the flared end toward the *Valve Port*. The *Tan Ferrule* slides onto the *Tubing* with the tapered end toward the end of the *Tubing* and the flat end toward the *Nut*. When installing and tightening these fittings, be sure to push the *Tubing* all of the way into the *Valve Ports* (Figures 7 & 8).

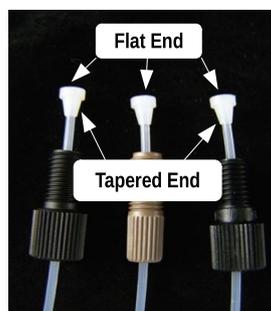


Figure 7. White Ferrule with the tapered end facing the Nut.

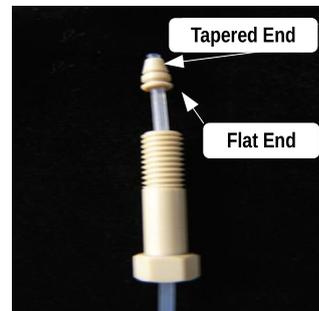


Figure 8. Tan Ferrule with the tapered end facing away from the Nut.