

Buffer & Waste Connection

If you have not read the General Plumbing Instructions for replacing plumbing parts on the KinExA® please do so now before continuing.

The following Parts and/or Tools are required to complete this installation:

- [1] Buffer Waste Connection (344226)
- [1] 5/16" Crowfoot Wrench (043050)



Figure 1: Buffer Waste Connection routing diagram.

- Locate the *Rotating Hose Barb Adapter* that is attached to the *PharMed Tubing* and slide it through the left side of the top/middle *Tubing Support* and into the *Injection T Coil*. Route the *PharMed Tubing* down into the head of the left *Pinch Valve* and insert the *Hose Barb Adapter* into the top middle hole on the *4-Way Connector* using a *5/16" Crowfoot Wrench (043050)* (Figure 1, #1). **Note: Always hand tighten the Hose Barb Adapters followed by a 1/4 turn with the Wrench.**
- Follow along the left side of the KinExA Instrument inserting the *Grommets* into the *Tubing Supports* along the way. Connect the *Buffer Line* into the bottom hole on top of the *Degasser* (Figure 1, #2).
- Locate the [2nd] *Rotating Hose Barb Adapter* that is attached to the *Excelon Tubing* and insert it into the *1/4-28 Nut* located below the *Degasser* (Figure 1, #3).
- Insert the *Hose Barb Adapter* (included with the *Buffer Waste Connection Packaging*) into the left side of the *Aspiration Pump*. Situate the *T Hose Barb* so that the base is pointing toward the center of the Instrument and is sitting flush with the front panel. Loop the tubing from the base of the *T Hose Barb* up over the *Hose Barb Adapter*, down through the *Buffer Waste Tubing Support*, and onto the *Hose Barb* until it is flush with the surface of the *Adapter* (Figure 1, #4).
- Insert the *BEADS Line* into the hole on the *Waste Bottle Lid*, and slip the *ASP Line* over the *Hose Barb*. Run the *BUFFER Line* down through the KinExA lid until it is resting on the bottom of the carboy bottle.