

WELCO PUMP TUBING INSTALLATION PROCEDURE

The pump tube has two stoppers. One stopper (red) is connected at the base of the electrode housing and the other stopper (blue) is connected to the reagent pack socket i.e. to the waste.

1. PUMP MODULE: Pump module is used to generate vacuum in pump tube for aspirating liquid. Pump module consists of four rollers.



Figure 1: **Pump assembly modules**

Front View

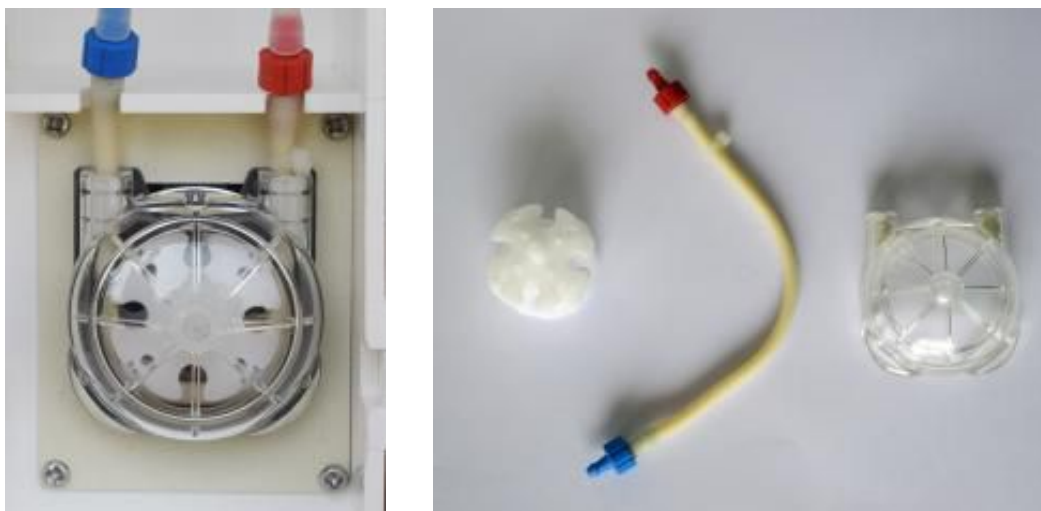


Figure 2: **Pump module**

2. INSTALLATION PROCEDURE:

- a) **Clean the module base:** It is fixed to the chassis through a lock at the top of base as shown in the figure. We need to clean the module base and then apply the grease to inner surroundings softly.
- b) **Apply grease to rollers:** Take a four rollers set and apply grease gently to rollers. The rollers set consists a groove at back side and a knob on the front side. Insert groove side of the rollers set to the module base knob.
- c) **Apply grease to new pump tubing:** Take a new pump tubing and apply grease all around it and then insert it as per the direction by holding the roller firmly as shown in the figure.
- d) **Module cover:** Close the module with front cover. So that rollers and pump tubing will lock. Ensure that the tag of pump tubing should be above the front cover lock.



Figure 3: **Pump tube installation procedure**