

# Tubing Assembly Instruction Sheet

## Reagent Kit

for the 2030 Silica Monitor

### Tubing Assembly Kit contents for Reagent Kit 2030RE:

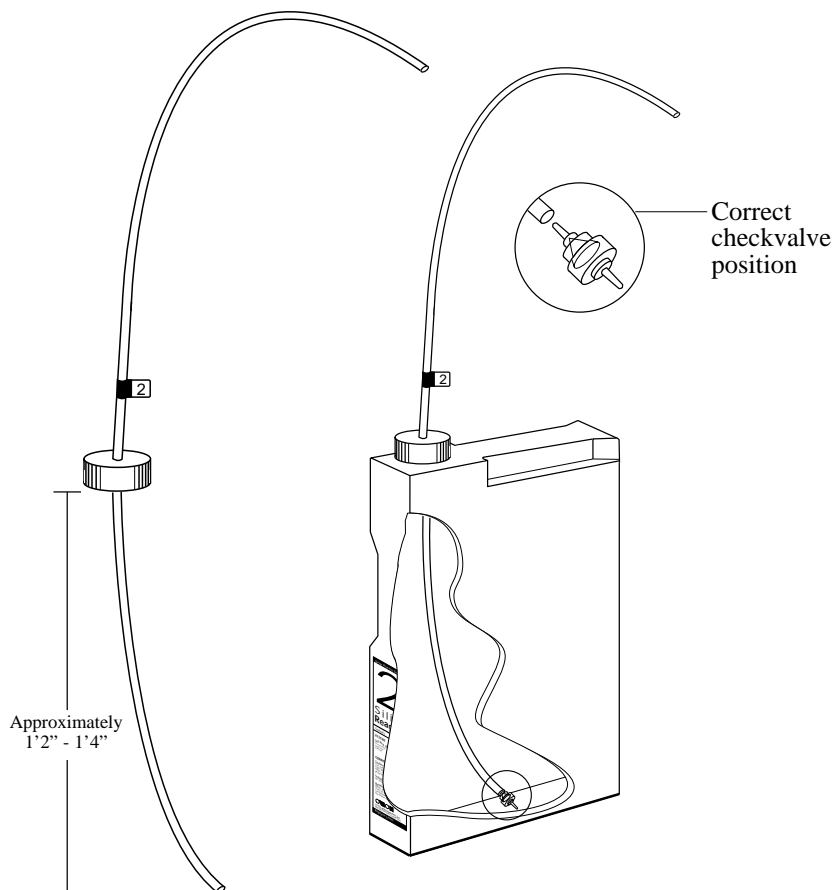
- Reagent 1 Tubing Assembly with Rgt. 1 label and cap
- Reagent 2 Tubing Assembly with Rgt. 2 label, cap and checkvalve
- Reagent 3 Tubing Assembly with Rgt. 3 label, cap and checkvalve

**FOR BEST RESULTS, WEAR GLOVES WHEN HANDLING TUBING!**

1. Remove the three tubing assemblies from the ziplock bag.
2. Take the tubing assembly with “Reagent 1 Label” and insert it into the “Reagent 1” bottle. Push the tubing into the bottle so that the end of the tubing is 1 cm (or closer) from the bottom of the bottle.  
*The tubing assembly for “Reagent 1” should not have a checkvalve on it!*
3. Tighten the cap onto the bottle and connect the other end of the tubing to the bottom of the monitor, into the fitting labeled “Reagent 1”. Make sure the tubing is securely pushed into the fitting and that the nut is tightly screwed on.
4. For Reagent 2 and Reagent 3 tubing assemblies, make sure that the checkvalve is inserted into the tubing in the proper direction (see diagram). Repeat steps above for Reagent 2 and Reagent 3.

### Helpful Hints

- Wear gloves while handling the tubing and inserting it into the reagent bottles to avoid dirt and grease from contaminating the solutions.
- The end of the tubing should be close to the bottom of the bottle to maximize reagent consumption.
- Make sure that the correct tubing is inserted into the correct corresponding reagent bottle.
- To avoid air leakage make sure that each bottle of reagent is tightly connected to the corresponding fitting on the bottom of the monitor.
- Prime the solution through the pumps and tubing prior to use. Check and modify flowrate values through the diagnostics menu. (See instruction manual).
- Make sure that there are no bubbles in the tubing once the system is in operation.



See reverse side for 200 ppb Calibration Kit Tubing Instructions

# Tubing Assembly Instruction Sheet

## 200 ppb Calibration Standard

for the 2030 Silica Monitor

### Tubing Assembly Kit contents for 200 ppb Calibration Standard 203020:

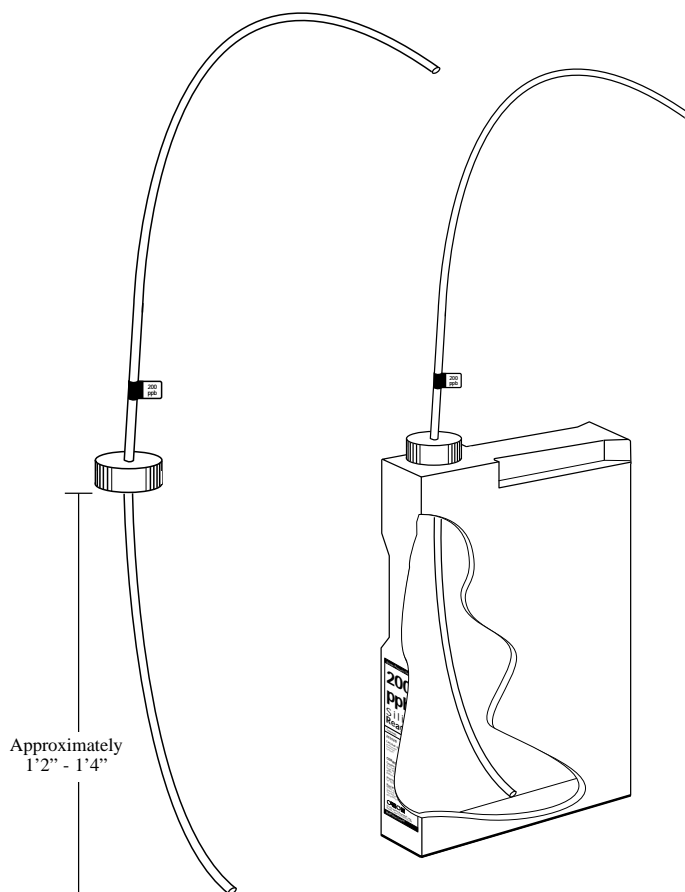
- 200 ppb Standard Tubing Assembly with 200 ppb label and cap

**FOR BEST RESULTS, WEAR GLOVES WHEN HANDLING TUBING!**

1. Remove the tubing assembly from the ziplock bag.
2. Take the tubing assembly and insert it into the “200 ppb Silica Standard” bottle. Push the tubing into the bottle so that the end of the tubing is 1 cm (or closer) from the bottom of the bottle.
3. Tighten the cap onto the bottle and connect the other end of the tubing to the bottom of the monitor, into the fitting labeled “Calibration”. Make sure the tubing is securely pushed into the fitting and that the nut is tightly screwed on.

### Helpful Hints

- Wear gloves while handling the tubing and inserting it into the calibration bottle to avoid dirt and grease from contaminating the solution.
- The end of the tubing should be close to the bottom of the bottle to maximize reagent consumption.
- Make sure the correct tubing is inserted into the correct corresponding bottle.
- To avoid air leakage make sure that the bottle is tightly connected to the calibration fitting on the bottom of the monitor.
- Prime the solution through the pump and tubing prior to use. Check and modify flowrate values through the diagnostics menu. (See instruction manual).
- Make sure that there are no bubbles in the tubing once the system is in operation.



See reverse side for Reagent Kit Tubing Instructions

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