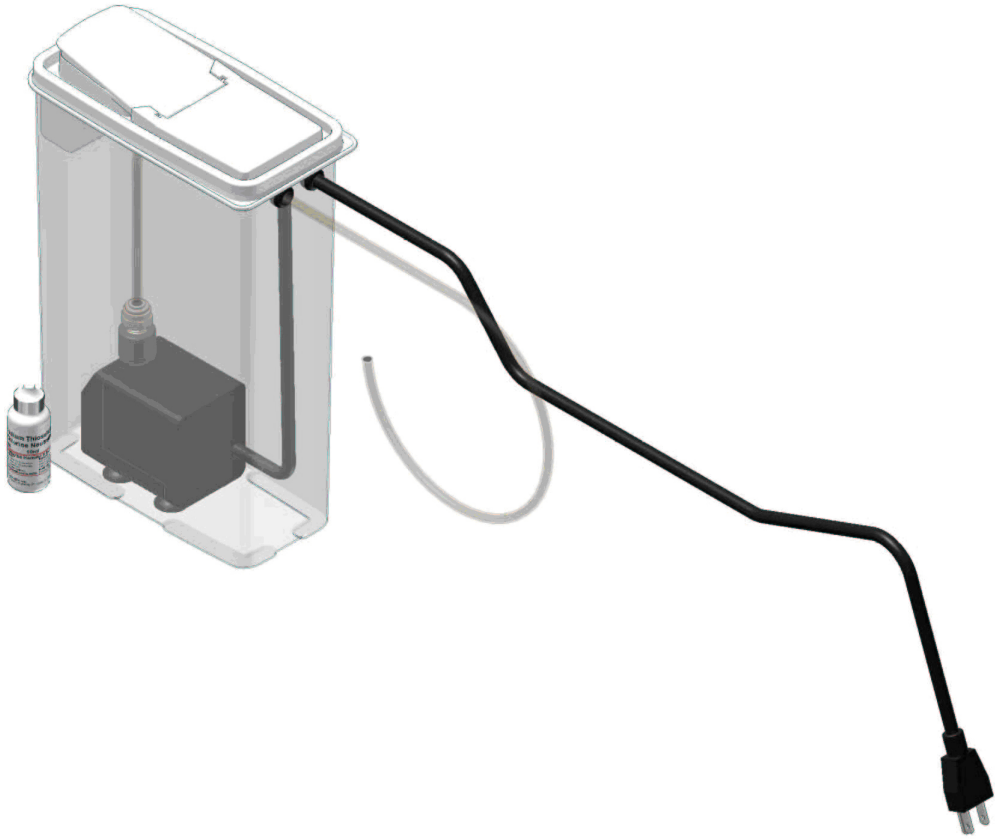
Z-KAL-KIT

Zero Calibration Kit for Chlorine 3000 Chlorine-Analyzer



(Note: Power plug and pump may appear different than shown in the figure)

The purpose of this kit is to calibrate the Chlorine 3000 for the very slight offset created by the absorption of the reagents. To do this you will either use a known chlorine free water source or use tap water and a chlorine neutralizer such as what is provided in the kit. This water is then pumped through the instrument and Zero or offset calibration is performed as stated in the Chlorine 3000 operating instructions.

Contents

- One pump
- One water sample container
- Length of ¼" OD tubing
- Bottle of chlorine neutralizer

Assembly and Operation

Location
The container is designed to hold approximately 3 liters of sample water. The container must either sit on top of the Chlorine 3000 or be positioned at a height higher than the top of the Chlorine 3000. To ensure that a suitable site is available with a line power source close enough to reach, it is recommended that a "dry" fit be checked.

Chlorine 3000
Disconnect power to the Chlorine 3000. Turn off water source to Chlorine 3000. Remove the sample inlet including inline strainer and tubing piece.

Sample Container
1. Unpack the pump & check that the adjustment on the front of the pump is set to MAX (counter clockwise).
2. Install the tubing on the top of the pump.
3. Note that the container has two grommets, one of which is slit.
4. Install the pump in the bottom of the container. The power cord exits through the slit grommet and the tubing exiting the other grommet (see the diagram). The suction cups should help hold the pump in position.

Sample Preparation
Prepare the Zero mg/L sample water using either known Chlorine water such as de-ionized water or use simple tap water de-chlorinated with the chlorine neutralizer provided.

To use the neutralizer, about half fill the container through the flip top. Add 6 drops of the chlorine neutralizer to the container. Slosh the solution to mix, but do not invert the container. Fill the container up to the bottom flange on the lid.

Installation
Install in the location previously chosen. Push the tubing from the container into the tubing adapter on the Chlorine 3000. When you are ready and the Chlorine 3000 is operating plug the pump into line power. Allow the set-up to run until no air bubbles are noticed in the sight glass of the Chlorine 3000. **You may get some error messages. This is normal and does not affect the ability to perform the zero calibration.** These conditions and messages will disappear when the analyzer starts normal operation again. Follow the Zero Calibration Procedure in your owner's manual.