Cleaning the Degasser

Occasionally contamination of the instrument is not fixed by performing an extreme clean. If this is the case, cleaning the degasser is recommended. To clean the degasser, follow the instructions below.

Materials Needed:

- Flush Kit (Part #: 344345)
- 5/16" Crowfoot Wrench (Part #: 043050)
- #2 Phillips Screwdriver

Instructions:

- Turn off the instrument.
- Remove the degasser cover from the instrument (***Figure 1***).
- Remove the tubing from the top and bottom of the degasser (***Figure 2***). The tubing nuts in positions 1 and 2 may be tight so a 5/16" crowfoot wrench may be needed to loosen them. **Note:** Remove the cap from position 3 and place it where it will not be lost.
- Use a #2 Phillips screwdriver to remove the screw on top of the degasser (***Figure 2***) thus detaching it from the instrument.
- Fill the 10 mL syinge from the flush kit with a bleach solution*. **Note:** The bleach solution must be below 0.5% NaOCl.
- Attach the syringe to position 4 on the degasser as seen in ***Figure 3***.
- Push the bleach solution into the degasser until it is full and let sit for 5-10 minutes.
- Rinse the degasser 3-4 times with a syringe full of dH_2O to ensure that all of the bleach is removed from the degasser.
- Dry out the degasser by pushing air through it using the 10 mL syringe.
- Once the degasser is dry, reattach it to the instrument using the #2 Phillips screwdriver.
- Reattach the tubing to the degasser, use ***Figure 2*** as a guide. The tubing nuts in positions 1 and 2 need to be hand tightened followed with a 1/4 turn of a 5/16" crowfoot wrench. **Note:** Be sure to put the cap back onto position 3.
- Replace the degasser cover.
- If the problem still persists contact a Sapidyne representative for assistance.

** It is important to keep the bleach solution below 0.5% NaOCl (sodium hypochlorite) to avoid corrosion. If using household bleach, (≈ 5% NaOCl) a 20-fold dilution is adequate. If using concentrated sodium hypochlorite solution (≈ 10-15% NaOCl) a 40-fold dilution should be used.*

Figure 1. *Tab used to remove the degasser cover from the instrument.*

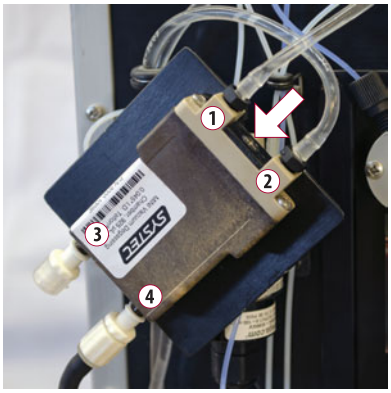

Figure 2. *Tubing positions on the degasser. White arrow indicates the position of the degasser screw.*

Figure 3. *10 mL syringe attached to position 4 on the degasser.*