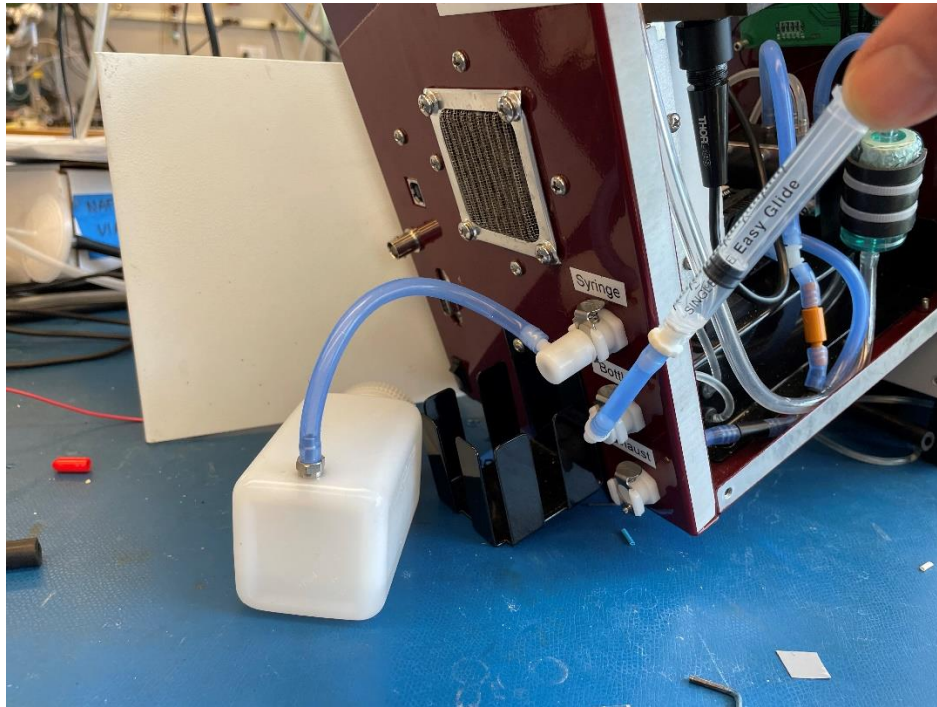


# MAGIC 250: Draining the Humidifier

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It may be necessary to drain the humidifier for debugging purposes or if there is risk the instrument will encounter freezing temperatures during storage.



1. Attach an empty water bottle to the **Syringe** port. Or it could be just a plug-in fitting. The purpose is to open the valve in the panel-mounted receptacle. The ports are swapped relative to the humidifier filling process because we wish to draw water from the bottom of the humidifier body rather than the top.
2. Lean the instrument back by  $\sim 45^\circ$  or so. The purpose of this step is to bring as much water as possible to the port that will drain it. It is not critical that every drop be removed.
3. Repeat draws until little or no water emerges from the instrument:
  - a. Attach the syringe to the **Bottle** port using the Quick-Disconnect adapter
  - b. Draw back on the syringe plunger
  - c. Remove the Quick-disconnect fitting
  - d. Depress the syringe to discard the water
4. Return the bottle to the **Bottle** port. Even if you fill it at this point, the trapped air in the humidifier will prevent water from reaching the sample flow.