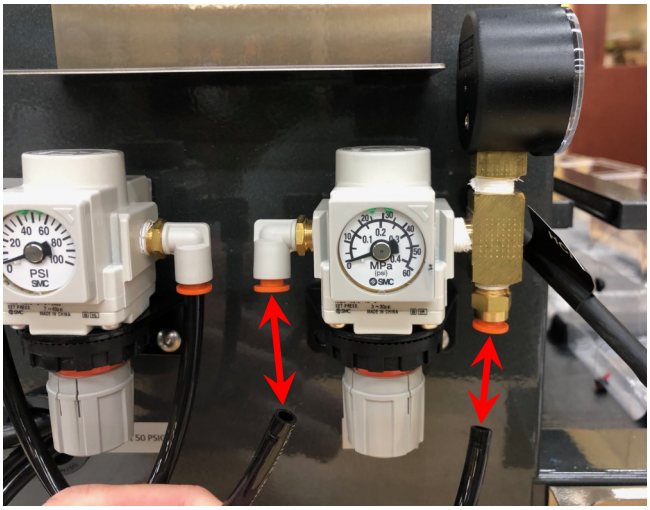
1. ***Turn the power off to the ANKOM^{TDF} instrument***. Turn off and disconnect pressurized nitrogen source at the input port to the high pressure regulator, marked by the red arrow. Push the orange flange in while pulling out on the black tube.

2. Disconnect the other two nitrogen lines on the low pressure regulator as marked with the red arrows.

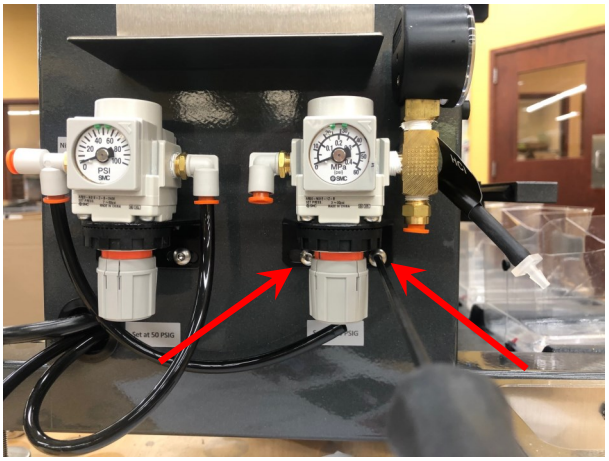


3. From the inside of the left support leg, identify the nut holding the cable strap in place.

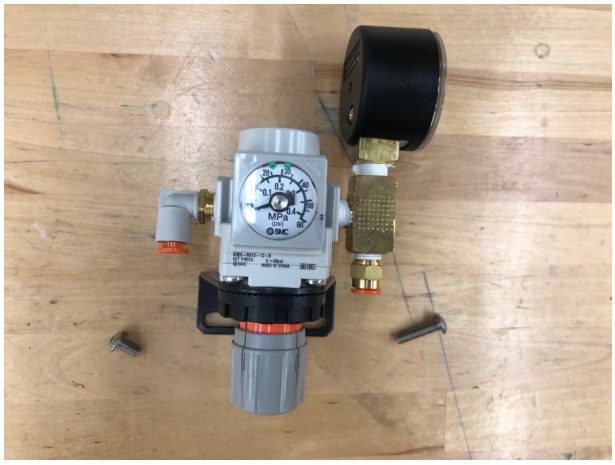
4. With a ⅜" wrench or socket, remove the nut holding the cable strap in

5. Free the cable strap from the back side of the screw.

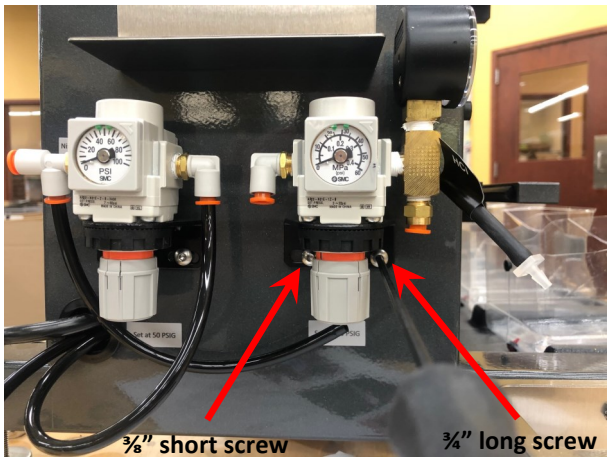
6. Using an ⅛" Hex Driver, remove the two screws holding the TDF62 Low Pressure Regulator in place.



7. Obtain the new TDF62 Low Pressure Regulator and the two screws that were removed previously.



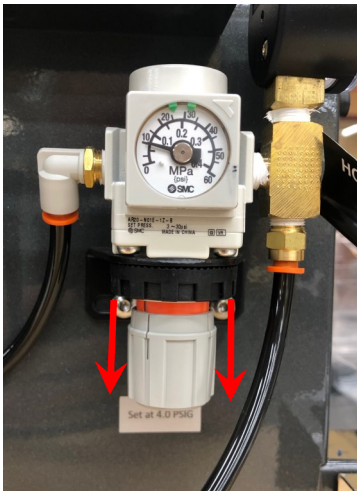
8. Install the new TDF62 Low Pressure Regulator with the short (⅜”) screw on the left and the longer (¾”) screw on the right.

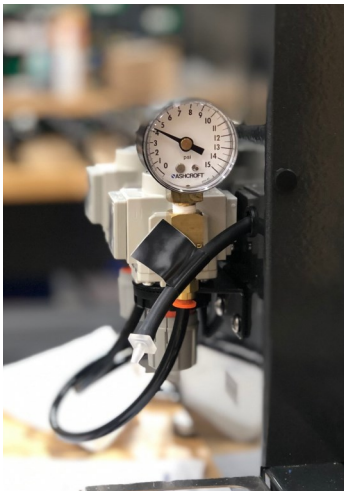


9. Reconnect the black nitrogen lines as shown.

10. Reattach the cable strap from inside the left support leg with the nut removed earlier. Use a ⅜" wrench.

11. Turn the nitrogen back on at its source. Pull down on the grey adjustment knob, which exposes the orange ring just above it. With the grey knob pulled down, rotate the knob to adjust the pressure setting to 4 psi. Use the forward-facing gauge to get a more accurate setting.





12. With the regulator set to a gauge pressure of 4 psi, press the green PRESSURIZE SDF button, turning the nitrogen to the SDF spray tips, on and then off again. Recheck the gauge setting and adjust further if needed. Always follow any adjustment with cycling the nitrogen with the PRESSURIZE SDF button until 4 - 5 psi is attained. With the adjustment complete push the grey adjustment knob back up to lock in the setting.

13. Once the pressure adjustment is completed, the ANKOM^{TDF} Analyzer is ready to be returned to service.