

The Slide Valve should be inspected and cleaned every three months. This will ensure that the Valve seals properly and operates as required.

The Slide Valve is located behind the front access panel on the instrument.



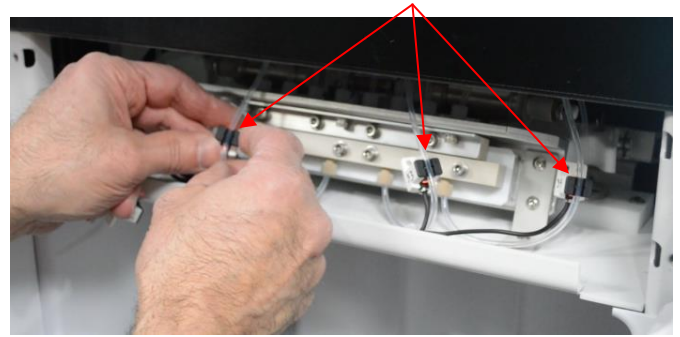
A kit is supplied with the instrument which contains the required tools.



1. Use the 1/8" Hex Driver to remove the four screws on the front access panel, then remove the panel.



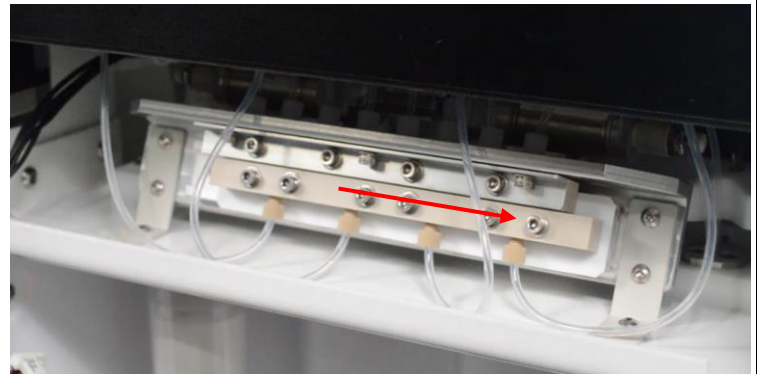
- Detach the four level sensors by carefully pulling them off the tubes.



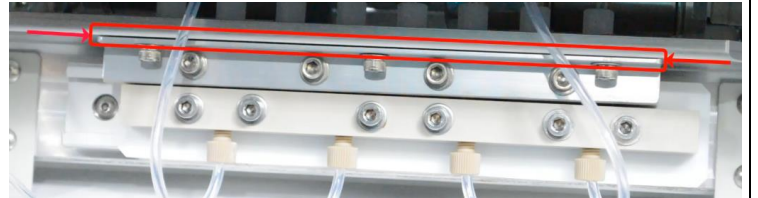
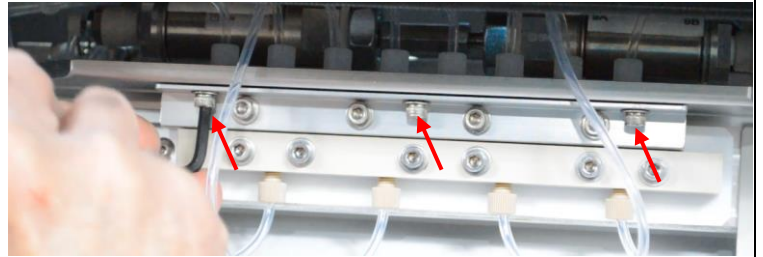
- On the HMI, open the "DRAIN To Columns" toggle.



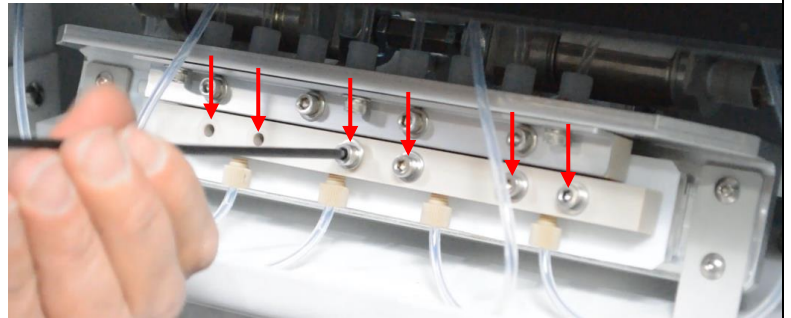
- The lower bar will move to the right, providing easy access to the necessary screws.



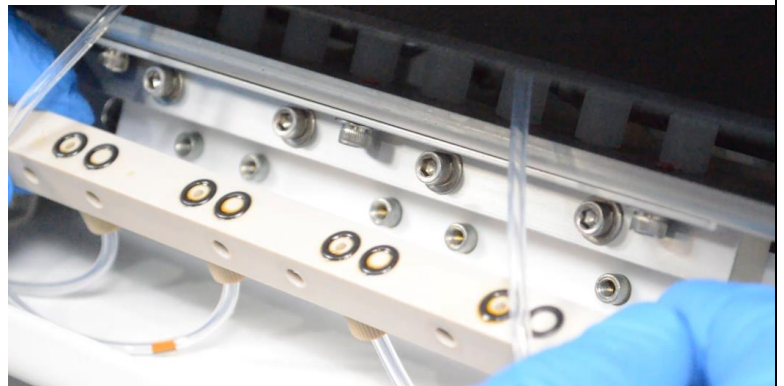
- Using a 9/64" Hex Wrench, tighten the three vertical screws until the gap is closed between the metal plates.



- Use the 3mm Tee Handle Hex Wrench to remove the six screws on the lower bar.



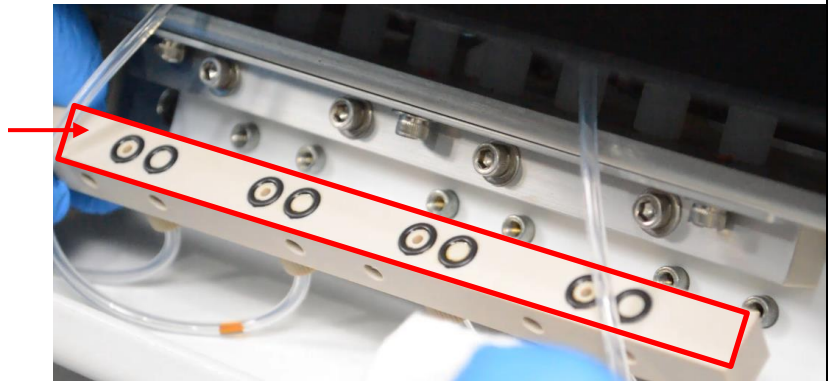
- While wearing gloves, pull the lower bar forward and inspect the top surface for residue.



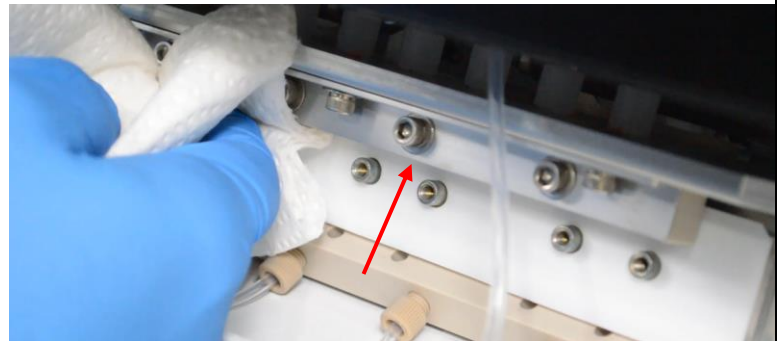
8. If residue is present, clean the bar using a paper towel dampened with distilled water. Wipe until clean. Do not use any sharp objects which may damage the seals.



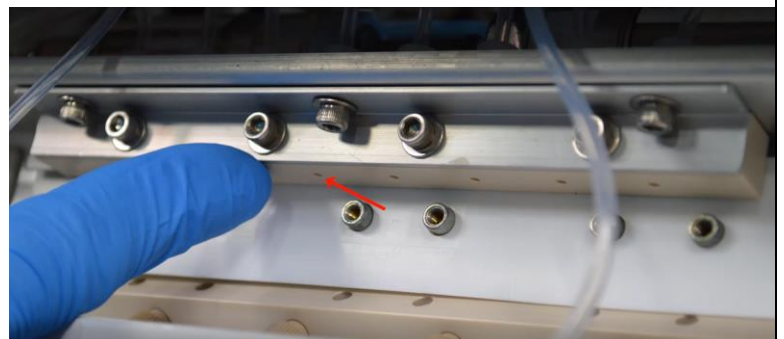
Make sure bar is completely clean.



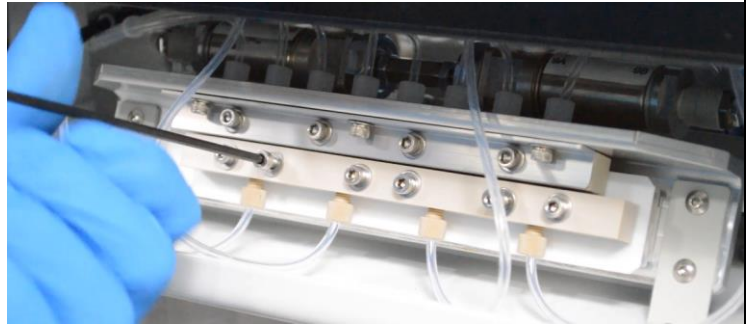
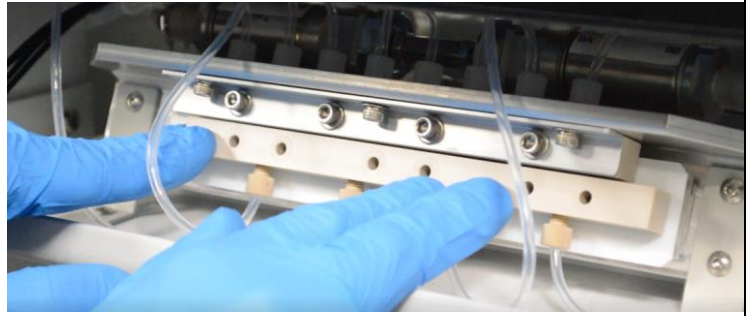
9. With a paper towel dampened with distilled water, wipe the underside of the top of the bar until clean. Do not use any sharp objects which may damage the sealing surface.



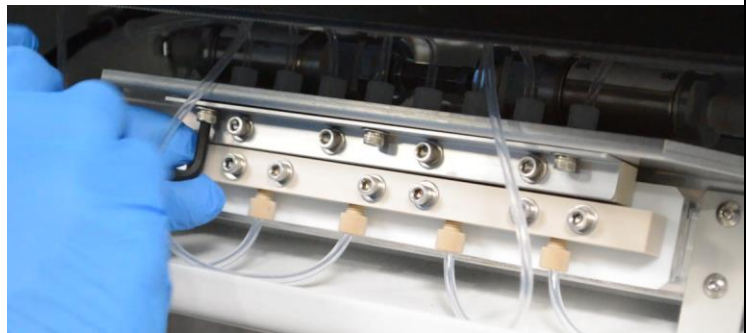
Ensure that the Slide Valve delivery holes are not blocked.



10. Reinstall the lower bar and the six screws that were removed. Tighten the screws gradually to ensure the bar is installed flat against the carrier.



11. Loosen the three vertical screws until the gap reappears between the metal plates. The washer on the screw should be able to move freely once loosened.



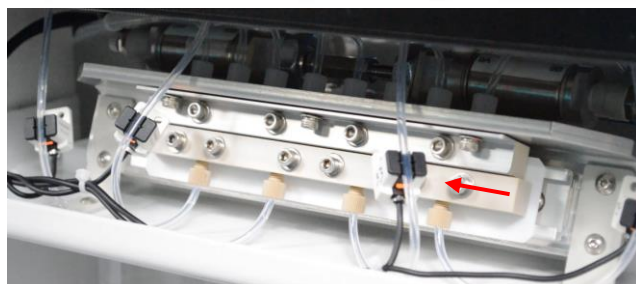
12. Reattach the four level sensors by carefully pushing them onto the tubes. Make sure they are all attached at approximately the same height.



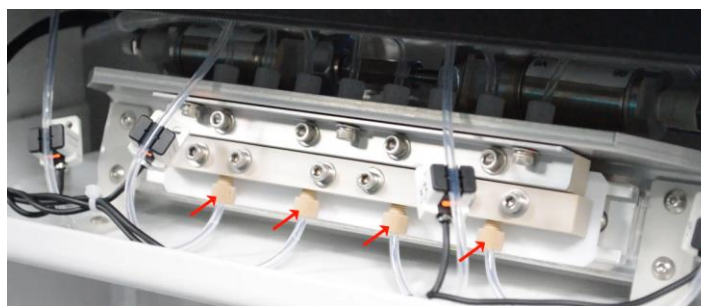
13. On the HMI, close the “Drain To Columns” toggle.



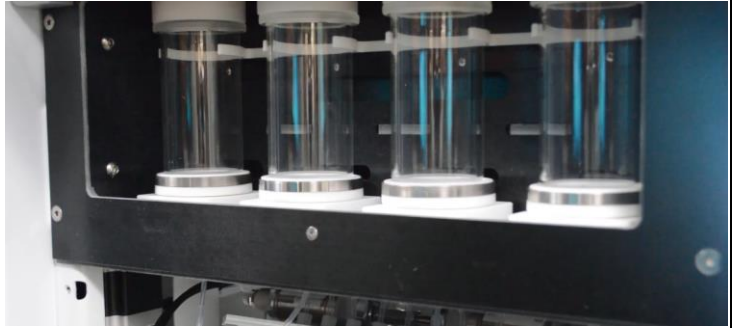
The lower bar will move left and become centered.



14. Check each of the four tube fittings on the lower bar to make sure they are threaded tightly into the bar.



15. Run a pressure check to confirm that the vessels are holding pressure. If they pass, the Slide Valve maintenance is complete.



16. Reinstall the front access panel.

