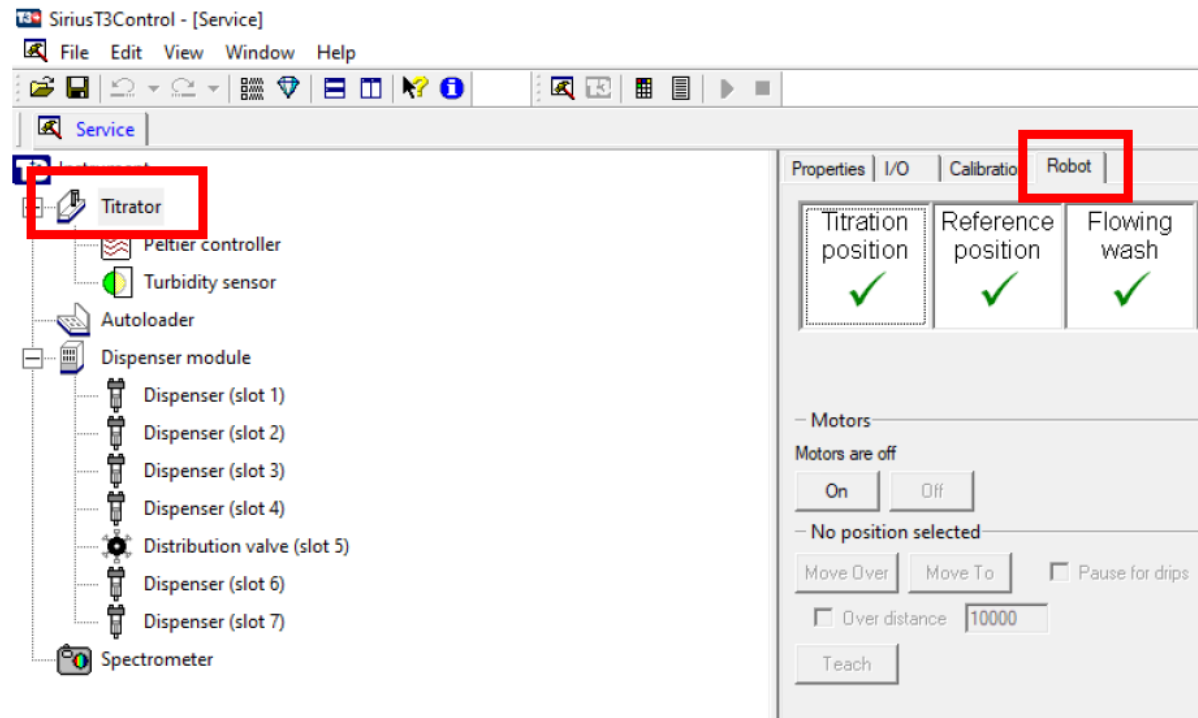
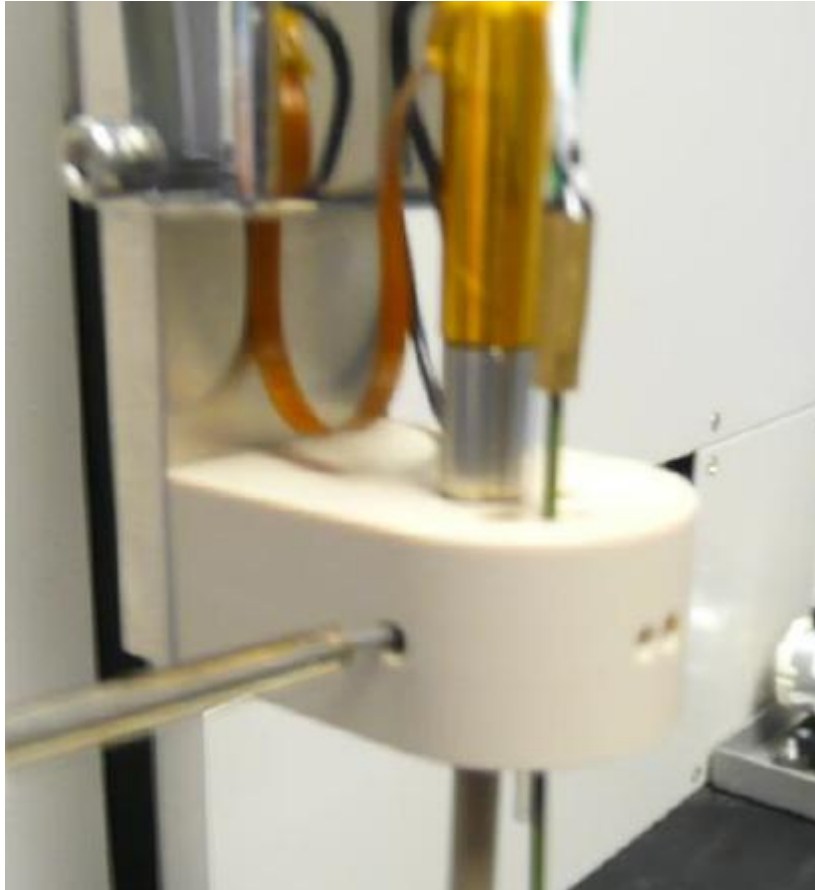


### SEP.T3.020 – Standard Procedure for the SiriusT3 Titrator and Reference Position Calibration

1. Please take a copy of the Instrument XML file and save it somewhere safe. This can be found in this folder C:\ProgramData\Pion\SiriusT3.
2. Open T3 Control software, then open Service (Make sure that Maintenance is closed).
3. Click on the Titrator tab, then select Robot.



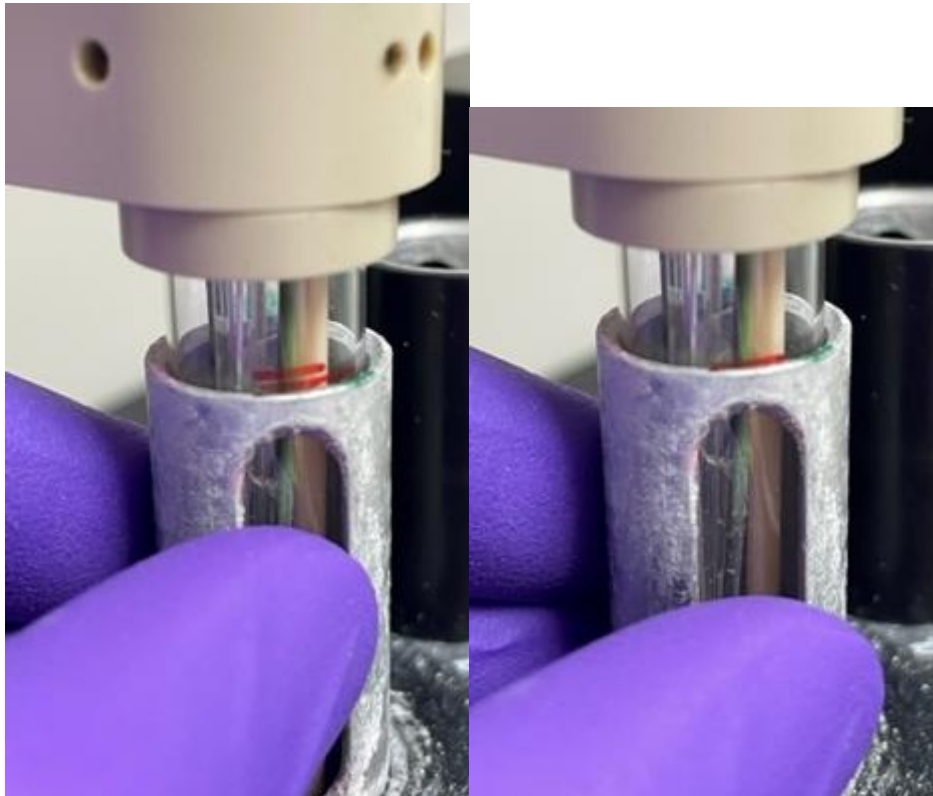
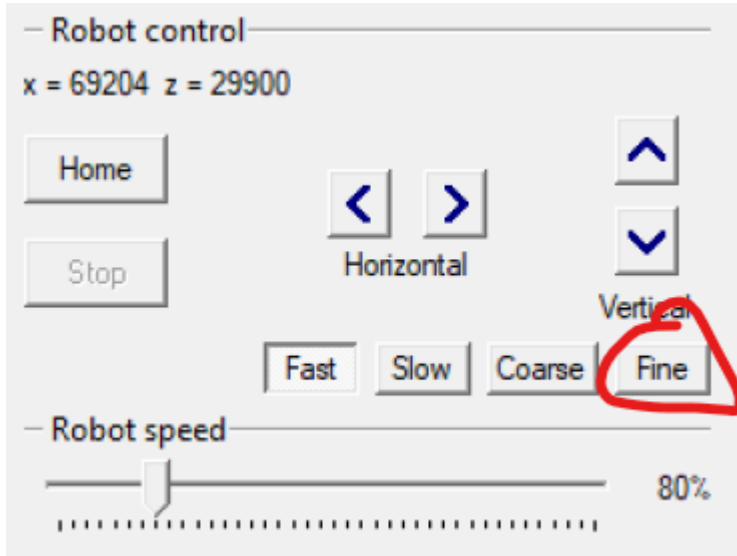
4. Turn the Motors ON and then click Home (this will move the Titrator Robot to the Home position).
5. Select the Titration or Reference Position, then click "Move Over" (this will move the Probes above the selected position).
6. Using the 0.9mm Hex Key supplied, loosen the grub screw securing the Stirrer. Now gently push down on the Stirrer assembly to ensure it is flush within the electrode block recess.



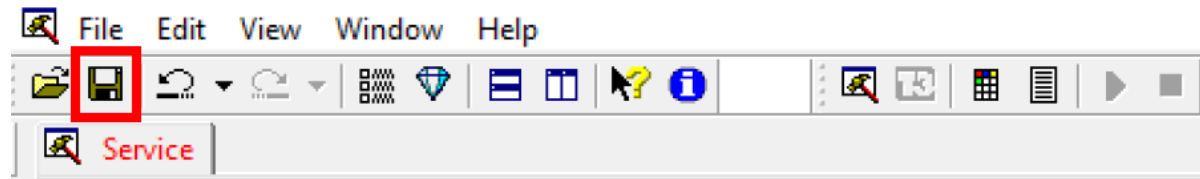
7. Place a T3 sample vial into the Titration or Reference position then select the Titration or Reference Position, then click "Move To" (this will move the Probes into the selected position).

8. With the probes submerged in the vial, using your thumb lift the vial to hit the base of the electrode block. The Stirrer paddle should be positioned 1-2 mm above the base of the vial. You can use a marker on the vial to measure the difference (see picture below).

To adjust the height and position of the probes, use the Robot Control arrows. To avoid crashes, we advise using the Fine movement controls and for large movements of 2-3mm use the Coarse movement controls.



9. Once satisfied with the taught position, click the Save button to save this position (the word Service will turn Blue once it has saved).



10. Now verify the taught position is correct, by selecting Move Over then Move To.
11. Select the Storage Position, then click Move To (this will move the probes into the Storage position).

