

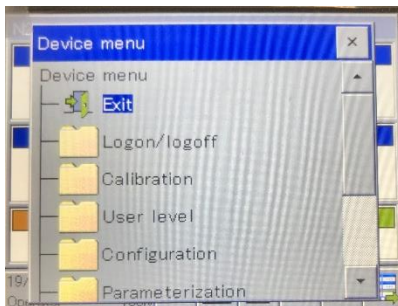
Zero calibration of the N₂O Wastewater Controller

Over time the baseline signal of the sensor can decrease, resulting in slightly negative values being displayed. These can be regarded as 0 in terms of data treatment but can reduce accuracy if very low concentrations of N₂O should be monitored. To counteract this, it is a good idea to perform a zero calibration regularly. Follow these steps:

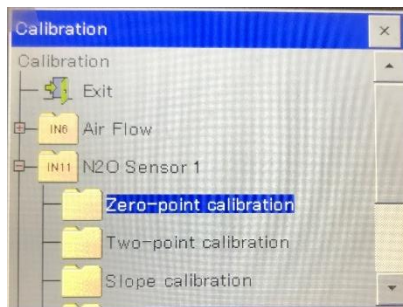
- Take the sensor out of the wastewater and clean the outside gently if the sensor housing is dirty
- Place it in a bucket of tap-water, at the same temperature as the wastewater
- Follow the login procedure as described in the calibration manual.

Record the zero calibration value on the N₂O Wastewater Controller

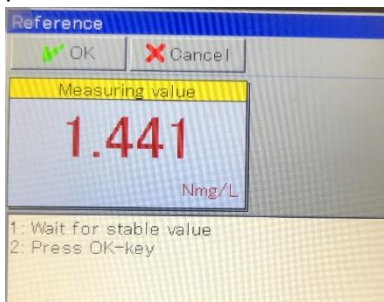
1. Press the button on the lower left hand side of the screen
2. Press "Calibration"



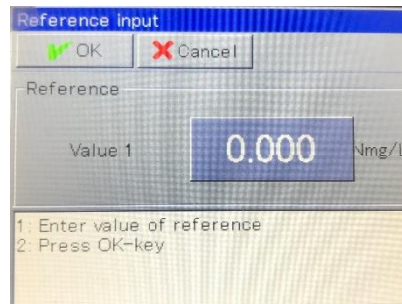
3. Select the sensor you want to calibrate, then press "Zero-point calibration"



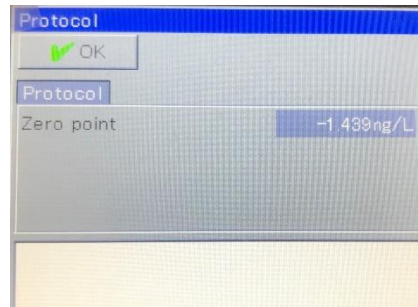
4. You will now see the calibrated signal for this sensor. When this is stable press "OK"



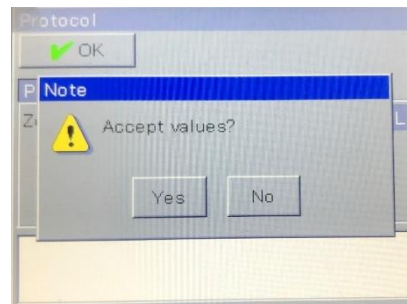
5. Check that the value displayed in the blue field is "0.000" as shown below. If this is not the case press the blue field and enter the correct value.



6. Press "OK" to accept the new zero calibration value



7. Press "Yes" to apply the new calibration



8. Log out from the Wastewater Controller