
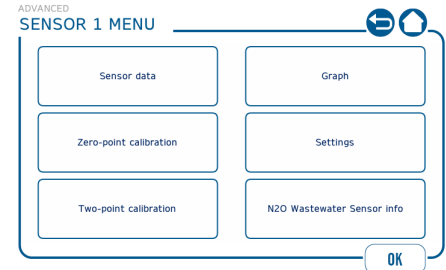


# Two-point Calibration

A Step-by-Step Guide Using the Operator Console

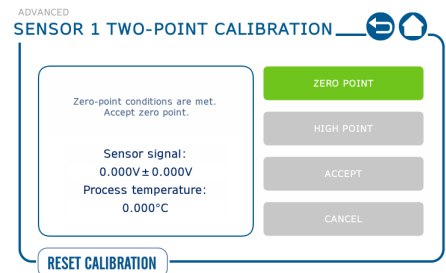
## Step 1 – Start Two-point Calibration

1. Go to the menu of the N<sub>2</sub>O Wastewater Sensor you want to calibrate. Click the 'Manage button'  to go to the menu.
2. Click on the **Two-point Calibration** button to start the calibration.



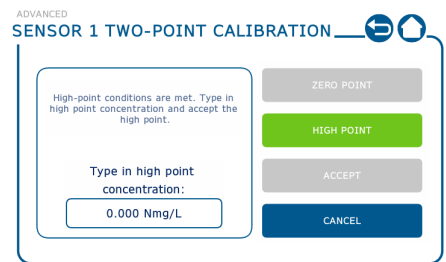
## Step 2 – Zero Point

3. Place the N<sub>2</sub>O Wastewater Sensor in tap water *without* N<sub>2</sub>O in it.
4. The sensor is measuring the concentration in the water to set the zero point. This may take a few minutes.
5. When the **Zero Point** button goes from *orange* to *green* the Zero point conditions are met.
6. Accept the Zero point values by clicking the green **Zero Point** button.



## Step 3 – High Point

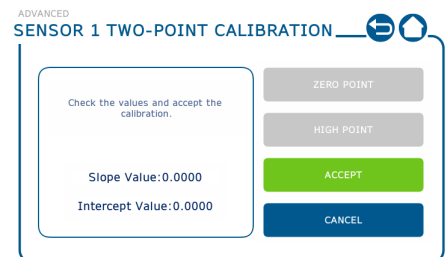
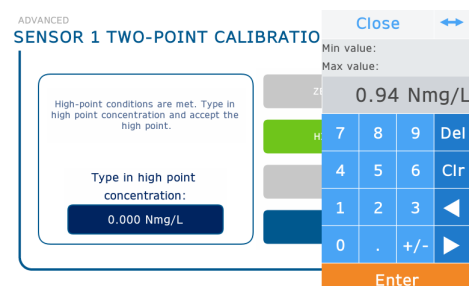
7. Place the N<sub>2</sub>O Wastewater Sensor in a stable bucket with 4 liters of tap water. Add 5 ml of the calibration solution to achieve a **0.94 mgN/L N<sub>2</sub>O** concentration and stir for 10 seconds!
8. The sensor is measuring the concentration to find the concentration value. This may take a few minutes.
9. When the **High Point** button goes from *orange* to *green* the high-point conditions are met.
10. Click the button with the concentration to type **0.94 Nmg/L**. Press **Enter**.
11. Click the green **High Point** button to accept.



## Step 4 – Accept Calibration

12. Confirm the Slope Value and the Intercept Value and click **Accept** to accept the calibration.

The calibration is completed and you can now place the N<sub>2</sub>O Wastewater Sensor in the wastewater tank.



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