

N,O CALIBRATION KIT SUBSCRIPTION

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Follow these few steps to calibrate the N₂O Wastewater Sensor. We recommend re-calibrating every second month and when the average wastewater temperature changes by more than 3 degrees.



After installing the N₂O Wastewater Sensor or replacing the sensor head, let the sensor **stabilize overnight**. This will give the best calibration result with zero drift!



Fill a stable bucket with 4 liters of tap water. The tap water temperature should be close to that of the process water. Measure the temperature of the tap water and place the sensor in the bucket. Let the sensor signal stabilize.

This temperature must be entered in step



14/11/17 10:29:46

N2O Sensor 1

N2O Sensor 1a

Air Flow

<<<< m3/h

Operator

47.139 %

 $1.60\,\mathrm{Nmg/L}$

2.26 Nmg/L 23.20°C







N2O Sensor 2a

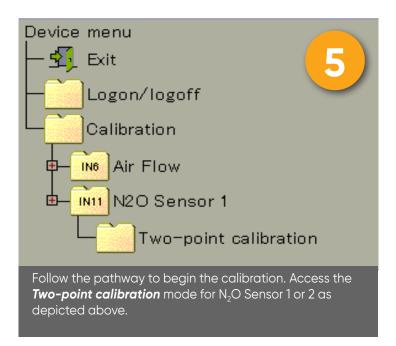
Aeration ON/OFF

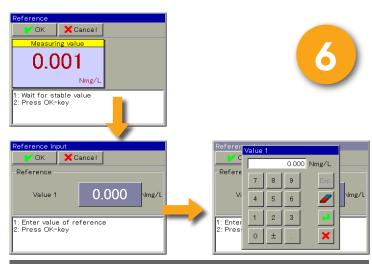
-0.015 %

--- Nmg/L

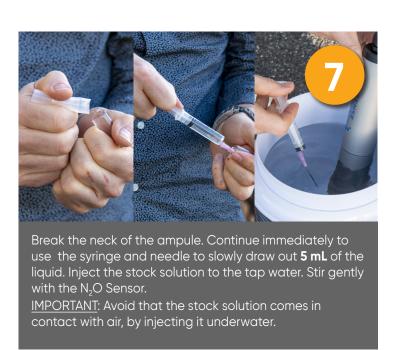


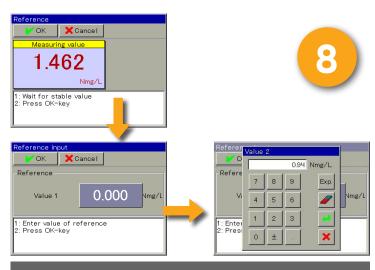
On the controller screen, check for a stable sensor signal. Press the grey lowest left button, reading Operator (Password: 1234) to access the Device menu.



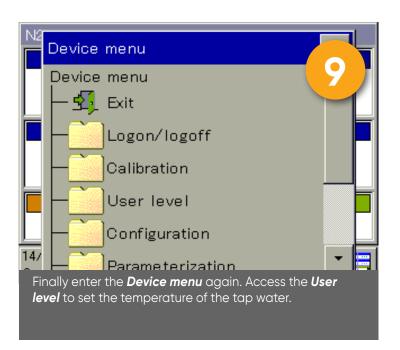


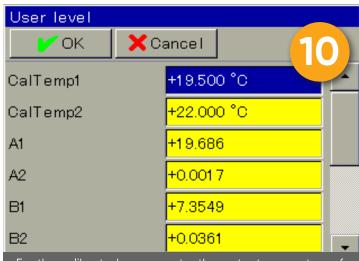
The zero level calibration is done in pure water. Press OK to enter the Reference input screen. Tap the blue number field to enter a value of zero. Press OK





IMPORTANT: Press the **OK** button right after the signal has stabilized, as the signal start to drop shortly after. Tap the blue number field and enter a value of 0.94.





For the calibrated sensor, enter the water temperature of the tap water used for calibration and press **OK**. You have succesfully calibrated the sensor. **We recommend that you calibrate again in two months.**