

Scan the QR code for calibration video guide



## N,O CALIBRATION KIT SUBSCRIPTION

CONTACT SALES@UNISENSE.COM

WWW.UNISENSE-ENVIRONMENT.COM





Follow these few steps to calibrate the  $N_2O$  Wastewater Sensor. We **recommend re-calibrating every second month**, or if the average wastewater temperature changes by more than 3 degrees Celsius.



After you have installed the  $N_2O$  Wastewater Sensor or replaced the sensor head, let the sensor **stabilize overnight**. This will give the best calibration result. We recommend that you leave the sensor in clean water to avoid cleaning, except if there is a risk of frost.

N2O Senso

0.546 Nm

28.39 °C

Sensor 2 Input

5.154% Raw

0.545 (-)

N2O Sensor Overview

N2O Sensor 1

0.011 Nmg/L 24.45 °C

Sensor 1 Input

0.512 % Raw

0.000 (-)

Air Flow <<<<< m³/h

13:13:25

23/06/26

Master

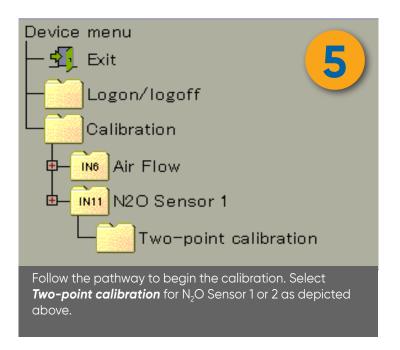


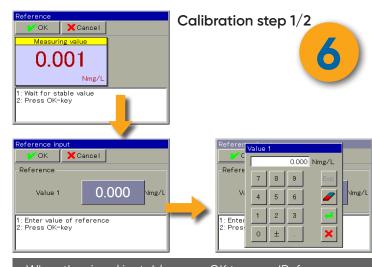
Fill a stable bucket with 4 liters (NOTE: 2 liters for MR and 0.5 liters for HR sensors) of tap water. The tap water temperature should be close to that of the process water. Measure the tap water temperature\* and place the sensor in the bucket. Let the sensor signal stabilize (min. 1 minute).

\*This temperature must be entered in step 🚺

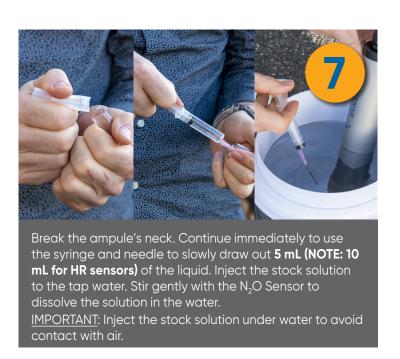


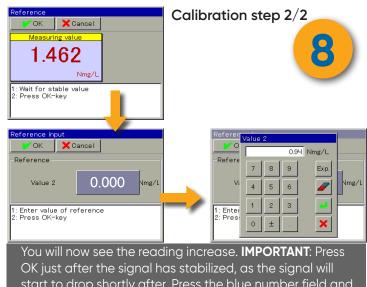
On the controller screen, check for a stable sensor signal. Press the grey button on the bottom left, reading Operator (Password: 1234) to access the **Device menu**.



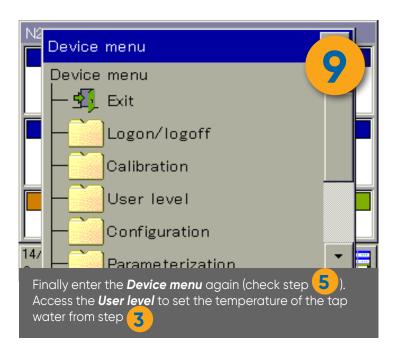


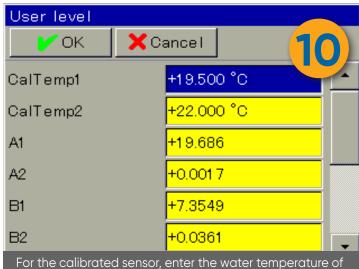
When the signal is stable, press OK to open 'Reference input'. Press the blue number field, input 0 as 'value 1'. Then press OK.





start to drop shortly after. Press the blue number field and enter the value 0.94. Press OK. Check that the zero point is close to 0 and that the Slope is between 15% and 150%





the tap water used for calibration and press OK. Well done! You have succesfully calibrated the sensor. We recommend that you calibrate again in two months.