

LAQUA Quick Guide

LAQUA WQ-300 Series
Handheld Meters



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Dissolved Oxygen Calibration & Measurement

1. Rinse the DO electrode with clean water and wipe with lint-free tissue.



There should be no water droplets on the DO cap and temperature sensor.

2. Place the DO electrode in water vapor-saturated air (calibration bottle with moist sponge) or in air-saturated water.



Two calibration modes are available in the DO meter:

1. DO saturation (%)
2. DO concentration (mg/L)

The default mode is the former. Press MODE button to switch to the latter.

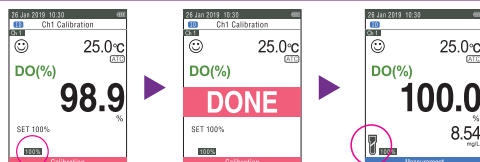
3. Press CAL button on the meter to switch to calibration mode.

100% is displayed at the bottom of the screen. The ☺ icon on the screen and the LED light on the electrode (if switched on) will blink until the reading is stable.



4. Press ENT button to confirm the DO reading. To abort calibration, press MEAS button.

The meter will show DONE briefly then switch to measurement mode. The calibrated DO value and the electrode icon will appear in measurement mode.



5. Immerse the DO electrode in zero solution (0.2% sodium sulfite) and repeat step nos. 3 - 4 to perform zero calibration (optional).

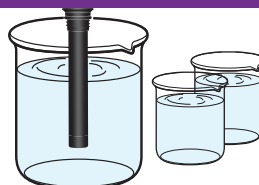
Make sure that the DO cap and temperature sensor of the DO electrode are fully immersed in the zero solution.

In step no. 3, CAL button must be pressed twice so that the meter will switch to zero calibration mode.

6. Rinse the DO electrode with clean water and wipe with lint-free tissue.

7. Immerse the DO electrode in sample.

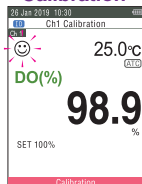
Make sure that the DO cap and temperature sensor of the DO electrode are fully immersed in the sample.



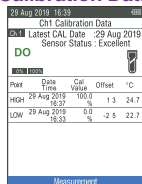
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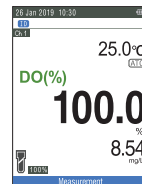
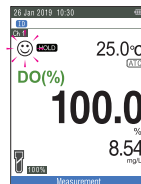
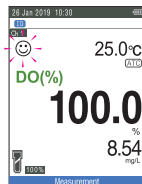
Dissolved Oxygen Calibration



Dissolved Oxygen Calibration Data



Measurement Modes

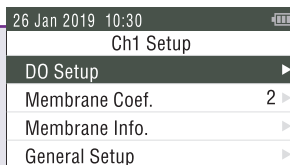


Dissolved Oxygen Setup

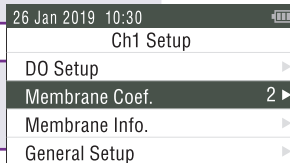


DO Setup

- Barometric Pressure Compensation
- Salinity Compensation
- Temperature Type
- CAL Data Clear

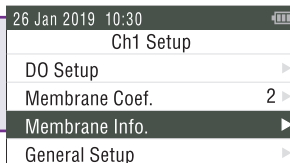


Membrane Coefficient



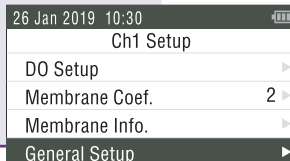
Membrane Info.

- Model
- SN

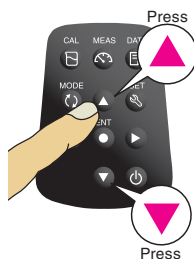


General Setup

- System Setup
- Stability Mode
- Stability Criteria
- System Info.



Press up ▲, left ◀, right ▶, or down ▼ button to scroll through settings



Press ENT button to confirm settings

