



NIEUWKOOP

QUICK MANUAL



ZU1000

OXYGEN/TEMPERATURE METER



TO MEASURE  TO KNOW



Short manual for calibration

To calibrate the instrument on 0%, make a solution of distilled water and 2% Natriumpyrosulfit. This powder is part of the kit.

Mix the solution about 15 minutes before calibration and use it immediately.

READ THE LABEL OF THE NATRIUMPYROSULFITE CAREFULLY!!!

1. Rinse de sensor in distilled water and make it dry.
2. Stir the sensor gently in the 2% solution.
3. Press the %-button and wait until the value stabilizes.
4. Use the small screwdriver and adjust the value to 0% (adjustment screw "Z")
5. Rinse the sensor in distilled water and dry it.

Calibration of 100%:

1. Place the sensor in a well ventilated space, for about 30 minutes.
The sensor needs this time to measure the exact environmental temperature.
(Usually this sensor is used in water/liquid and this makes measurement of temperature much quicker)
2. Press the "°C" button to see if the temperature is stable.
3. After 30 minutes you can calibrate by turning the small adjustment screw "S" on the side of the instrument.
4. When you adjusted the 100%, the instrument is ready for measurement.

Note;

1. The 0% is very stable and depending on frequency of measurement, you only have to adjust this every 4 to 5 months. We advice to check/adjust the 100% every 2 months.
2. When the measurement becomes slow and unstable, it is necessary to replace the membrane. (see instructions in manual)
3. STORE THE INSTRUMENT IN A DRY PLACE!!!



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