METEN.NL



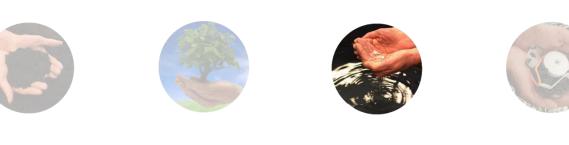
NIEUWKOOP

QUICK MANUAL



ZU1000

OXYGEN/TEMPERATURE METER







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%:

- 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 !!!



TO MEASURE **TO** KNOW

Nieuwkoop BV

Aalsmeerderweg 249 - S 1432 CM AALSMEER 0297 325836 info@nieuwkoopbv.nl www.meten.nl

