General instruction for DO electrode

Instrucciones generales para electrodos DO

Instructions générales pour les électrodes OD

P/N 30031637 B

STDO11 EN-1

Model	Item NO	Description
STDO11	30031639	Galvanic DO electrode

Specifications:

Connection:	BNC
Cable length:	1.1m
Shaft length:	120mm
Shaft diameter:	12mm
Shaft material:	Plastic
Temperature range:	0-50℃
Measurement range:	0-200%
Storage Solution:	10% NaCl

DO electrode is to measure the **D**issolved **O**xygen in the water. Galvanic DO electrode does not need to warm up before measurement. It can reach 95% of the final reading after 1 minute measurement.

If you want to measure the temperature at the same time, you can purchase temperature electrode STTEMP30 (83033970).

DO electrode operation:

1. Unpacking

Carefully remove the protective bottle from the tip of the electrode by unscrewing the lid then removing the bottle. Remove the shorting plug from the connector and store in a safe place. Be careful because the protective bottle lid is tightly fit on the electrode.

2. Calibration

Connect the electrode to the instrument, rinse with deionized water and carefully dry the tip of the electrode with a tissue. Then follow your instrument instruction manual for detailed calibration.

After calibration and measurement, you should rinse the DO electrode then storage in the protective bottle.

FAQ:

1. DO electrode condition

Electrode condition icon give you an intuitive information about the DO electrode performance.

☺ Slope: 80-125%

Electrode condition is good

😐 Slope: 60-80%

Electrode condition is not good, may need cleaning or replace

2. Cleaning

This galvanic oxygen electrode has no customer serviceable parts. Cleaning is important however, and the electrode should be rinsed thoroughly in pure water between and after measurements. **NEVER** allow the sample to dry on the electrode.

If dirt or sample do dry onto the membrane, the tip of the sensor can be immersed in pure water and ultrasonically cleaned for 30 seconds.

3. Storage

After rinsing the electrode, refit the storage bottle and shorting plug and store in a cool dry place.