MEYTEC®

POOL
AND SPA
ACCESSORIES

ENGLISH

QUICK START GUIDE

NXG-ORP

ORP electrode gold · BNC

For pools with chlorine dosing or salt electrolysis.

This is how to use the electrode in just a few minutes. First read the safety instructions on the back.



1 In the box

- 1 × NXG-ORP electrode with 3 m cable and BNC connector
- 1 × protective cap with storage solution KCl 3 mol/l
- 1 × free sachet of ORP 475 mV calibration solution

Available separately at meytec.eu: ORP calibration solution 475 mV and other values, Storage solution KCl 3 mol/l, Cleaning solution, Electrode protective cap

Full user manual

Scan the QR code or **see the user manual at meytec.eu**.

Getting started

2 Connecting and first use

1. Carefully remove the protective cap from the electrode and keep the cap upright.
2. Briefly rinse the sensor and shake the electrode dry.
3. Connect the BNC connector to the ORP input of your controller: push and turn the bayonet ring until it clicks into place.
4. Calibrate the new electrode with the calibration solution with the value your device requires. See step 3.

Sensor always wet: always refit the protective cap with storage solution after use. Never let the sensor dry out.

⚠ A new ORP electrode sometimes needs a few hours at start-up to become stable. So do not calibrate it immediately.

⚠ Do not handle the BNC connector with wet hands. Do not lay the cable next to a heavy power cable: this can disturb the measurement.

3 Calibrating

Check the manual of your measuring device or control system to use the correct calibration value. Usually this is 475 mV, 468 mV or 650 mV. In many cases you can also choose a setpoint yourself on a device. For this you can use the supplied ORP 475 mV sachet.

1. First clean the electrode if there are deposits on it (see Care) and rinse it.
2. Open a fresh sachet of calibration solution with the value your device requires.
3. Place the electrode in the solution and swirl gently.
4. Wait until the value is completely stable (1–2 minutes).
5. Confirm the calibration on your controller, according to the manual of that device.
6. Remove the electrode from the solution immediately, rinse it and shake it dry.

Caution: ORP calibration solution is corrosive: do not leave the electrode in it longer than necessary and rinse it afterwards.

4 Measuring

1. Place the electrode in the holder or measuring chamber, with the sensor fully in the water.
2. A new ORP electrode sometimes needs a few hours at start-up to become stable.
3. Make sure there is always water around the sensor, even when the pump stops.

5 Care and storage

- Always store the electrode in the protective cap, filled with storage solution KCl 3 mol/l. Never dry and never in demineralised water: this can damage the electrode beyond repair.
- Top up the protective cap or replace the storage solution as soon as it is cloudy, old or contaminated.
- Clean the electrode with cleaning solution to remove deposits, for a maximum of 15 minutes. Do this before you calibrate.
- Store the electrode free from frost.

> **Wear:** an electrode is a consumable and wears from first use. With the right care, it lasts longer.

QUICK HELP

PROBLEM	SOLUTION
Value drifts or responds slowly	Clean (max. 15 min), rinse with demineralised water and recalibrate.
Calibration fails	Use a fresh sachet and the value your controller requires.
Value jumps or is illogical	Check that the connector is secure and dry.
Electrode no longer works after a long time	Replace the electrode.

Does the problem persist? Contact Meytec via info@meytec.eu or +32 3 377 83 23. State the model and your order number.

Safety

Safety instructions

- An electrode is a sensitive measuring instrument: do not drop it and do not knock the sensor against anything.
- Wear gloves and safety glasses when working with calibration and cleaning solution. Read the label of the solution.
- Keep out of the reach of children.
- Switch off the controller or pump before you remove the electrode from a pipe or measuring chamber.
- Do not handle the BNC connector with wet hands.
- Do not lay the electrode cable next to a heavy electrical cable (power cable): this can cause interference and disturb the measurement.

DISPOSAL AND RECYCLING

Do not dispose of the electrode with household waste. **United Kingdom:** take the electrode to your local household waste recycling centre or to a retailer that takes back electrical equipment. Liquid residues: in accordance with the label and local rules. In other countries, take the electrode free of charge to a municipal collection point or to a shop that takes back electrical and electronic equipment.

PACKAGING **Box** · PAP 21 · Paper and card **Protective foam** · LDPE 4 · Check local rules

Always follow your local council's recycling rules.

LEGAL GUARANTEE AND CE

An electrode is a consumable; your legal guarantee and statutory rights still apply. Complies with 2014/30/EU and the RoHS Directive 2011/65/EU, as amended by (EU) 2015/863. Terms and conformity: see the user manual at meytec.eu.

IDENTIFICATION

Model	**NXG-ORP**
EAN	**5407007391615**
Connection	**BNC · 3 m**

MANUFACTURER

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Download the full user manual
see the user manual at meytec.eu

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