MEYTEC®

POOL
AND SPA
ACCESSORIES

ENGLISH

QUICK START GUIDE

NXG-EC

EC electrode graphite · BNC

For hydroponics, pool water and process water.

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-EC EC electrode with 3 m cable and BNC connector

Available separately at meytec.eu: Conductivity standard 1413 µS/cm and 12,880 µS/cm, 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. Briefly rinse the electrode plates with demineralised water and shake the electrode dry.
2. Connect the BNC connector to the EC input of your meter or controller: push and turn the bayonet ring until it clicks into place.
3. Set your meter or controller to cell constant K = 1.
4. Calibrate the new electrode according to the manual of your device. See step 3.

> ⚠ Your meter or controller must be set to cell constant K = 1. With a different setting, the reading is not correct.

> ⚠ 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

Calibrate according to the manual of your meter or control system, with a conductivity standard such as 1413 µS/cm or 12,880 µS/cm (at 25 °C).

1. Rinse the electrode with demineralised water and shake it dry.
2. Open a fresh sachet or pour fresh conductivity standard into a clean beaker.
3. Place the electrode in the solution, with the electrode plates fully immersed, and swirl gently.
4. Wait until the value is stable.
5. Confirm the calibration on your meter or controller, according to the manual of that device.
6. Rinse the electrode with demineralised water and shake it dry.

> **Caution:** Use conductivity standard only once: never pour used solution back.

4 Measuring

1. Place the electrode in the holder or measuring chamber, with the electrode plates fully in the water.
2. Wait until the reading is stable before you read it.
3. If the electrode is installed in a pipe: make sure there is always water around the electrode plates, even when the pump stops.

5 Care and storage

- Rinse the electrode with demineralised water after each use and shake it dry. Do not touch the electrode plates.
- Store the electrode clean, after rinsing it with demineralised water.
- Protect the electrode plates against knocks.
- 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	Rinse with demineralised water and recalibrate.
Calibration fails	Use fresh standard and check that your device is set to cell constant K = 1.
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-EC**
EAN	**5407007391622**
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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