MEYTEC®

POOL
AND SPA
ACCESSORIES

ENGLISH

QUICK START GUIDE

GT-500EC

TDS/EC meter

EC 0 – 20,000 µS/cm · TDS 0 – 10,000 ppm · ATC

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



1 In the box

- GT-500EC TDS/EC meter with protective cap
- 4 LR44 button cells (already in the device)
- Quick start guide

Available separately at meytec.eu: Conductivity standard 12,880 µS/cm (12.88 mS/cm), Conductivity standard 1,413 µS/cm

Full user manual

Scan the QR code. On the Manuals page of meytec.eu you will find the full user manual to download.
meytec.eu/en-ie/downloads/instruction-manuals/

Getting started

2 Switching on

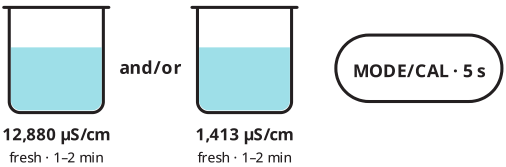
1. Remove the protective cap from the electrode.
2. Press ON/OFF. The device switches on.

The button cells are already in the device. Does the battery indicator show an empty battery? Then replace them (see the user manual).

> ⚠ **Screw both caps on firmly, the protective cap over the sensor at the bottom and the battery compartment at the top, and screw the sensor section on tightly, so that the device stays watertight. Water in the device due to a loose battery compartment or sensor section is not covered by the legal guarantee.**

3 Calibrating

WHICH POINTS?	
1 point: 12,880	Calibrate in 12,880 µS/cm. Do not press MODE/CAL again afterwards.
1 point: 1,413	Briefly press MODE/CAL, then calibrate in 1,413 µS/cm.
2 points	12,880 µS/cm, rinse, briefly press MODE/CAL, then 1,413 µS/cm.

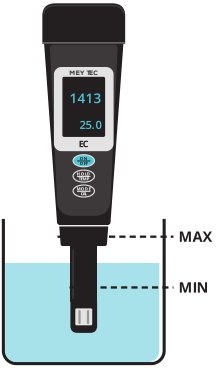


1. Open a fresh sachet or bottle of the standard you need. Never calibrate directly in a bottle: pour a small amount into a clean beaker, or calibrate in the sachet (single use).
2. Place the meter in the standard, between the MIN and MAX lines, and shake gently. Hold MODE/CAL for 5 seconds: calibration mode starts at 12,880 µS/cm.
3. For 1,413 µS/cm: briefly press MODE/CAL. The meter switches over and continues calibrating automatically. For 12,880 µS/cm, do not press again.
4. Wait until the value is completely stable (1 to 2 minutes).
5. Rinse and shake dry. For 2 points: meter in 1,413 µS/cm, briefly press MODE/CAL and wait again until the value is stable.

Rinse the meter and refit the protective cap.

4 Measuring

1. Remove the protective cap.
2. Press ON/OFF.
3. Choose EC or TDS: briefly press MODE/CAL.
4. Immerse the meter only until the sensor is under water, between the MIN and MAX lines. Never immerse the meter completely.
5. Wait until the measurement is completely stable and read the EC value or the TDS value (ppm). The meter compensates for temperature automatically (ATC).
6. If required, briefly press HOLD/TEMP to hold the value.
7. Rinse the electrode with clean water, switch the device off and refit the protective cap.



EC AND TDS

EC (electrical conductivity) is the measured conductivity of the water, in µS/cm (1,000 µS/cm = 1 mS/cm). TDS (total dissolved solids) is an estimate in ppm that the meter calculates from the EC value: 1,000 ppm = 1 g/l.

5 Rinsing and storing

- Rinse the electrode with tap water or demineralised water after each use.
- Always refit the protective cap.
- Store the device with the protective cap fitted.
- Store it in a dry place, out of the reach of children.

QUICK HELP

PROBLEM	SOLUTION
The display stays blank.	Replace the 4 LR44 button cells (see the user manual at meytec.eu).
The value keeps changing.	Immerse the device to between the MIN and MAX lines and wait until the value is stable.
The value does not seem correct.	Recalibrate with a fresh conductivity standard: 12,880 µS/cm and/or 1,413 µS/cm.

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

Safety

Button cells (LR44)

- Keep new and used button cells out of the reach of children.
- A swallowed button cell can cause severe internal burns within 2 hours.
- Do you suspect that someone has swallowed a button cell or put one inside their body? Seek medical help immediately and call 112.
- Ireland: Poisons Information Line 01 809 2166 (8am–10pm). Emergency: 112 or 999.
- Do not recharge the button cells. Do not open, burn or short-circuit them.
- Always close the battery compartment properly. Do not use the device if the compartment does not close properly.

- IP65: dustproof and resistant to water jets. Never immerse the device completely and never deeper than the MAX line.
- Keep the device out of the reach of children. It is not a toy.
- Follow the safety information on the label and in the safety data sheet of each solution.

DISPOSAL AND RECYCLING

The crossed-out wheeled bin means: do not dispose of this device or its batteries with household waste. Take them for separate collection. This allows the materials to be reused and keeps harmful substances out of the environment. Ireland: take the device free of charge to your local recycling centre (civic amenity site) or to a retailer that takes back electrical equipment. In other countries, take the device and the batteries free of charge to a municipal collection point or to a shop that takes back electrical and electronic equipment. Remove the button cells from the device before you hand it in. Take empty button cells free of charge to any shop that sells batteries (no purchase needed) or to a recycling centre. The crossed-out wheeled bin on the battery means: do not dispose of with household waste; take for separate collection.

PACKAGING 21 PAP **Box** · PAP 21 · Recycling bin 1 PET **Insert** · PET 1 · Recycling bin

Always follow your local council's recycling rules.

CONFORMITY

CE This device complies with Directive 2014/30/EU (EMC) and Directive 2011/65/EU (RoHS), as amended by Directive (EU) 2015/863. The EU declaration of conformity can be requested via info@meytec.eu.

PRODUCT IDENTIFICATION

Type	**TDS/EC meter**
Model	**GT-500EC**
EAN	**5407007391837**
Lot number	**see the packaging**

MANUFACTURER AND CONTACT

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Download the full user manual
meytec.eu/en-ie/downloads/instruction-manuals/

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