# Quick manual
# EC1200 & EC1210

NIEUWKOOP

## Measuring:

1. Place the EC-sensor in the to be measured liquid.


2. Press the **MODE** button to turn on the instrument. The date of the last calibration, if set, is displayed first. Then the current EC value of the liquid appears on the display. Wait until the value is stable and read it.

**Extra notes EC1210 model for direct measurements in soil:**

1. Always insert the sensor straight into the soil in a smooth movement and measure at the same depth, otherwise differences in measurements may occur.
2. The EC1210 model can measure in soil as well as in water.
3. By measuring in the indicated manner, a line of EC measurements is created on which the fertilization application can be anticipated.
4. In case of doubt, it is recommended to prepare a soil sample in our ABC sample cup. This by means of the 1:2 or 1:1,5 ratio.

## Calibration:

When the electrode is clean and not in a liquid or soil, the EC meter should read 0 (or close to it). If this is not the case, a 0 calibration must be performed first. See the complete manual for this.

1. Place the EC-electrode in the Nieuwkoop EC-4.00 liquid.


2. Press the **SET UP** key for approximately 3 seconds and **SENS CAL** will appear on the display, followed by an EC value.

**Wait until the value is stable!**

3. Short press the **SET UP** button, the default calibration value **4.00** will appear on the display.
4. Press the **SET UP** button for approximately 3 seconds to confirm this.


5. **LAST CAL** will appear in the display followed by **XX/XX/XX** (this is the date of the last calibration). With the **INCR** button the number can be changed and with the **SET UP** button the position is selected. After setting, press the **SET UP** button for approximately 3 seconds to confirm the date. **UPDATE** appears on the display.

**Extra note EC1210 model for the calibration:**

Calibrating the instrument and the penetration sensor is the same as for the measurement in water model, the EC1200. Please note that the sensor needs to have a distance of approximately 1 centimeter from the wall of the bottle / container in which the calibration is done.

**The complete manual can be downloaded from meten.nl or by scanning the QR code.**

EC1200 EC1210