NTS
Nutri-Tech Solutions®

Pocket Conductivity/ TDS Meter

MONITORING METERS AND EQUIPMENT

Soil conductivity reflects the quantity of plant available nutrients within the soil solution. Oversupply or undersupply of nutrients should be avoided for best results.

This meter can be used for quick conductivity measurement of soil, fertiliser and hydroponic solutions as well as for general water quality testing (e.g. for testing irrigation water suitability). Soil conductivity provides an indication of the mineral content of the soil. When conductivity is too high plant damage may occur (due to dehydration). A low conductivity may indicate a lack of available soil minerals.

BENEFITS

- Lightweight and pocket-sized.
- Waterproof.
- Replacement electrodes are available and easily fitted.
- Easy to read LCD display.
- Replacement 120 mL calibration solution available.
- Range 0 – 20.00 mS/cm.
- Temperature display (0 – 60°C).
- Calibration solution included.

PACKAGING:

100 g

Product Code:
METEC60

Nutrition Farming®

Pocket Conductivity/TDS Meter

OPERATING GUIDE

Calibrate the meter according to the instruction manual.

FERTILISER AND IRRIGATION WATER TESTING PROCEDURE

Fertiliser solutions and irrigation water samples can be measured directly by dipping the probe into the sample.

ACCESSORIES AVAILABLE

– **Standard Conductivity Solution 1.14 mS/cm 120 mL**
Product Code: METCONS1413-120

SOIL TESTING PROCEDURE

Wearing gloves to avoid contamination take samples from 15 – 20 sites within the test area. Sample to a depth of 15 cm. Remove any plant matter from the top of the sample. Combine samples in a clean container and mix thoroughly.

Take a small subsample of the mixed soil and mix one part soil with five parts deionised water. Shake thoroughly for 5 seconds. Allow the contents to sit for 30 minutes. Swirl the solution and then dip the probe into the soil/water solution and wait for a stable reading. The same soil solution can be used for testing pH. The ideal soil conductivity when prepared as a 1:5 solution is 0.1 – 1.0 mS/cm. However, ideal EC values are dependent on soil clay content and crop specific salt tolerance.

YOUR LOCAL NTS DISTRIBUTOR:

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09.02.16