



Spectrum FieldScout TDR 150 Soil Moisture Meter - Optional Bluetooth & GPS

Product Images



Short Description

The FieldScout TDR150 soil moisture meter adds bluetooth connectivity and improves on the performance of the TDR100 making it the the ideal tool for quick, reliable, and convenient measurement.

Description





The Spectrum TDR150 portable soil moisture meter allows you to obtain readings on the go at the press of a button.

Variable rod length options provide soil moisture measurements at your ideal root zone. With enhancements over its predecessor the TDR 100, the TDR 150 provides significant improvements in performance and measurement accuracy for optimal turf and soil environments.

- Increased accuracy of soil moisture (Volumetric Water Content)
- Measures EC (Electrical Conductivity)
- Measures Turf Surface Temperature
- Data can be collected with USB flash drive - no PC interface needed
- Option to add Bluetooth and GPS communication
- Data logger records approximately 50,000 measurements
- Industry exclusive backlit display
- Ergonomic handle
- Powered by AA lithium batteries
- Ideal for measuring containers on benches
- Optional IR Temp sensor to measure canopy

Note: [Rods](#) are required for the TDR150 to function.

Additional Information

Brand	Spectrum Technologies
Explanation	  Capture and analyse measurements with the FieldScout Mobile App and optional Bluetooth wireless technology. <ul style="list-style-type: none">• Visualise field readings in real-time and email relevant information.• Upload to SpecConnect Web Portal and view your entire course's data at once and export for further analysis. (Pro Features)• Colour-coded to represent a scale of turf firmness, moisture, surface temperature and EC.• Works on iOS and Android devices. Free download from App Store or Google Play.   Calibration Feature <p>The TDR family of soil moisture meters includes the option to perform a calibration on an individual meter. The calibration is done in two media; air and distilled water.</p>
Contents	<ul style="list-style-type: none">• TDR150 (LCD Handheld readout with 5 ft (1.5 m) cable to the probe block)• Padded case• FieldScout software CD for meter configuration if required• Rods sold separately.
Ideal For	Professional, Education, Agronomy
Power	Battery Only
Batteries	Battery/Life: 4 AAA alkaline batteries; approximately 12-month battery life
Software	Configure the TDR150 meter with FieldScout software (included).

Specification	Resolution: 0.1% VWC Accuracy: +/- 3.0% VWC with EC < 2 mS/cm Range: 0% to saturation EC Range: 0 to 5 mS/cm Resolution: 0.01 mS/cm Accuracy: +/- 0.1 mS/cm Temperature Range: -30°C to 60°C
Typical applications	Environmental (Outdoor), Field Research
Measurements	Soil Electrical Conductivity (EC), Soil Moisture, Soil Temperature