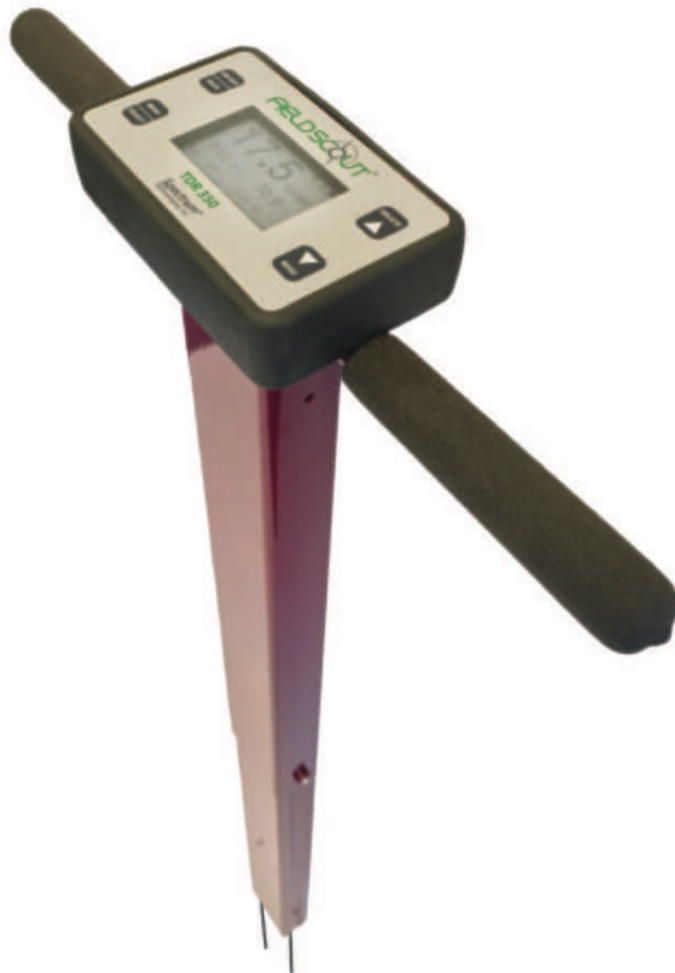




Spectrum FieldScout TDR 350 Soil Moisture Meter with Bluetooth & GPS Connectivity

Product Images





Short Description

The TDR 350 accurately measures soil moisture across the full range of soil conditions, using proven time-domain measurement technology. TDR Soil Moisture Meters are the industry standard for site-specific soil moisture measurements.

Rods are required for the TDR 350 to function. These are [available here](#).

Description

TDR Soil Moisture Meters are the industry standard for site-specific soil moisture measurements.

With new enhancements over its predecessor - the TDR300, the TDR350 provides significant improvements in performance and measurement accuracy for optimal turf conditions.

Enhancements include EC (Electrical Conductivity) measurement, turf surface temperature measurement, an improved easy-to-read large backlit display, integrated Bluetooth, and internal GPS; in addition to offering Spectrum's proven time-domain measurement technology.

With integrated Bluetooth and internal GPS, no additional components are necessary for GPS and Bluetooth connectivity. The large capacity data logger can record approximately 50,000 measurements with GPS coordinates. Data records can be saved to a USB stick, or sent via Bluetooth connection to a smartphone or tablet using the [SpecConnect FieldScout Pro App](#). View field readings in real-time by using the TDR 350 in conjunction with the FieldScout Pro App and SpecConnect.

Additional Information

Country of Manufacture	United States
Brand	Spectrum Technologies
Explanation	<p>Capture and analyse measurements with the FieldScout Mobile App and optional Bluetooth wireless technology.</p> <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.
Contents	Rods Sold Separately
Ideal For	Professional, Agronomy
Power	Battery only
Installation	<p>Use the FieldScout Mobile app to instantly collect and display data. Collects data from the new FieldScout® TDR 350 Soil Moisture Meter using Bluetooth Smart connection.</p> <p>Visualise real time readings on your smartphone or tablet in the field:</p> <ul style="list-style-type: none">• Colour-coded to represent a scale of moisture, EC, surface temperature or turf firmness• Email relevant information to communicate results with others• Free download from Apple App Store or Android Google Play. <p>Pro Mode (requires a SpecConnect subscription):</p> <ul style="list-style-type: none">• Google Maps dynamic satellite image shows readings data overlaid on your property• Guided Mode allows for taking grid readings without interacting with the phone• Freeform Mode plots a point for each reading, and stores its data independently• Automatic wireless upload to SpecConnect for further analysis from your personal web portal• Eliminates the need for a computer, cable and GPS accessory• SpecConnect provides complete data overview at once, overlaid on a satellite map• Color Gradient Mapping of data points within custom selected areas or groupings• Export your data from SpecConnect into an Excel document for deeper analysis.

Specification	Measurement Principle: Time -domain measurement. Measurement Units: Percent Volumetric Water Content (VWC). Resolution: 0.1%. VWC. Accuracy: +- 3.0% VWC with electrical conductivity (EC) < 2 mS/cm. Range: 0% to saturation (Saturation up to about 50%)
Typical applications	Environmental (Outdoor), Field Research
Measurements	Soil Electrical Conductivity (EC), Soil Moisture, Soil Temperature