



Spectrum FieldScout TDR 250 Economy Soil Moisture Meter

Product Images



Short Description

The TDR 250 is a simplified portable soil moisture meter that captures measurements in the root zone.

- Capture soil moisture measurements in the root zone
- Maintain consistent turf quality
- Conserve water and reduce labour costs.

The TDR 250 offers the same proven time-domain measurement technology as the [TDR 350](#), but at less investment.

Description

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

Applications

- Irrigation scheduling, syringing practices, and soil flushes
- Ideal for golf courses, sports turf fields, and raw crop farmers.

Features

- Displays VWC% (soil moisture, with running average)
- Soil measurements in less than a second
- Operates in TDR 300 mode or salinity-corrected (TDR 350) mode
- Settings for standard, high-clay, or sand soil type
- Internal data logging up to 124,000 measurements
- USB port for USB drive data download
- High-contrast display with backlight for easy viewing
- Ergonomic, portable design with removable handles
- Interchangeable soil probes sold separately.

Note: [Rods](#) are required for the TDR250 to function.

Want Some Helpful Advice?

Call **01243 558280**, click on the webchat box below, or fill out our [contact form](#).

Additional Information

Country of Manufacture	United States
Brand	Spectrum Technologies
Explanation	<p>Display: An industry exclusive, larger backlit LCD display provides optimal contrasts for daylight and low light viewing, and larger digits for easier viewing of measurements. Receive instant readings – no smartphone or computer hookup required!</p> <p>Data logging: Large capacity data logger can record approximately Data records can be saved to USB drive.</p> <p>Design: The TDR 250 has an ergonomic design with a shaft-mounted probe. This allows users to easily and rapidly take many measurements in various turf and soil environments.</p> <p>Measurement Principle: Time-domain</p> <p>Measurement Units: Percent Soil Volumetric Water Content (VWC)</p> <p>Resolution: 0.1%. VWC</p> <p>Accuracy: +- 3.0% VWC</p> <p>Data Logger: Up to 124,000 measurements</p> <p>Range: 0% to saturation (Saturation up to 50% depending on soil type).</p>
Contents	Rods Sold Separately
Ideal For	Professional, Agronomy
Power	Battery only
Power	Battery only (4 x AA included)
Typical applications	Environmental (Outdoor), Field Research
Measurements	Soil Electrical Conductivity (EC), Soil Moisture, Soil Temperature