

**NEW!****Irrigation "Soil Moisture" Audit****NEW Method:****FIELD SCOUT™**

TDR 300 SOIL MOISTURE METER

**The Field Scout TDR 300 is your tool when precision irrigation decisions count and to eliminate the guesswork!**

Based on proven time-domain measurement technology, these portable units accurately measure soil moisture across the full range of soil moisture conditions. The Field Scout TDR 300 Soil Moisture Meter gives you the flexibility to measure the soil moisture content directly, anywhere in the field. With the internal data logger connected to a user-supplied GPS receiver, the TDR 300 captures geo-referenced data that can be readily imported into our spatial mapping software for full analysis over the Internet.

**1) Measure**

Connect the TDR 300 to an active user-provided GPS receiver. Start collecting your data points along the boundary of the site at 5-step intervals. Once the boundary is set, sample the interior following a grid pattern.

**2) Process Your Data**

The TDR 300 connects directly to your PC via the data port on the meter. Field Scout® software allows you to download your collected data.



*The combination of the TDR 300, GPS and SpecMaps is the NEW method for collecting accurate irrigation data.*


**SpecMaps™**

SpecMaps™ web-based software provides a simple tool for turning your TDR 300 measurements into a 2-dimensional color map of soil moisture variability. The location and relative magnitude of wet and dry spots becomes immediately apparent. SpecMaps also displays statistical information about your field or golf green, including a histogram for another quick assessment of how uniformly moisture is distributed across the field.

**3) Analyze Your Results**

Log onto the SpecMaps website. Upload your stored data file and name your map for easy future reference.

**Plot your data points alone or create a 2-dimensional contour map**

The chart consists of the contour or the data point map. This map is accompanied by a legend that relates the colors in the map to the soil moisture values. With a few clicks of your mouse, see exactly where your site is being over watered or is in need of irrigation.

**The measurement summary**

Includes some basic statistical information about the data set as well as a histogram for visualizing the complete soil moisture data range.

The new process is designed to be fast, easy, and accurate. No need for tedious set-up, testing, and re-testing for your results. Get your answers on the spot with true root zone moisture information. You are able to see the complete picture of your turf's irrigation profile in full color and without the need of tiny cups or hand-drawn charts.

**Your irrigation audit, simplified...  
by Spectrum Technologies.**

