



**FIELD ENVIRONMENTAL  
INSTRUMENTS, INC.**

## Spectrum Technologies FieldScout TDR-200



Use the TDR 200 for accurate, on-the-spot readings of soil moisture to help you make timely water management decisions. Based on the proven time-domain measurement technology, the portable TDR 200 accurately measures soil moisture across the full range of soil moisture conditions. Select from the 1.5in, 3in, 4.8in, or 8 in (3.8cm, 7.5cm, 12cm or 20cm) probe rods to suit your measurement depth. The LCD interface provides two modes: volumetric water content and relative water content (irrigation management) mode.

Compact design and pilot-grip handles make this TDR system fast and easy to use.

### SPECIFICATIONS FOR TDR SOIL MOISTURE METERS

Measurement Principle: Time-domain measurement methods

Measurement Units: Percent volumetric water content

Resolution: 0.1%

Accuracy:  $\pm 3.0\%$  volumetric water content with electrical conductivity  $< 2\text{mS/cm}$

Range: 0% to saturation (Saturation typically around 50% volumetric water)

Battery/Life: 4 AAA alkaline batteries; approximately 12-month battery life

Data Logger: (TDR 300) 3,250 measurements without GPS; 1,350 with GPS/DGPS