Don't Gamble with Your Crops!

If you need to know your soil moisture get an accurate number, not a guess.

TRASE TDR moisture meters from Soilmoisture Equipment Corporation, use true Time Domain Reflectometer technology to measure volumetric water content (moisture percent) in soil. With the 2018 release of the all new Handi-TRASE model, we have radically reduced the size of the TRASE TDR system, dramatically improved its user interface & added powerful new features.

One of our long time customers described it as a quantum leap forward!

The new Handi-TRASE price is also about half the price of our original TRASE systems!

ask for a quote today!
sales@soilmoisture.com

The tiny Handi-TRASE is BIG on features.

- Easy to operate, user friendly software application
- Measure moisture from 0 to 100% with +/- 2% accuracy
- Accurately measures in high salinity & high EC soils where most meters fail
- GPS data & mapping: Smart Farm capable
- True TDR analysis with graphs
- Measurement time as little as 4 seconds
- Robust & versatile probes suitable for any type of soil
- Several days of battery life, hundreds of readings

new

SOILMOISTURE

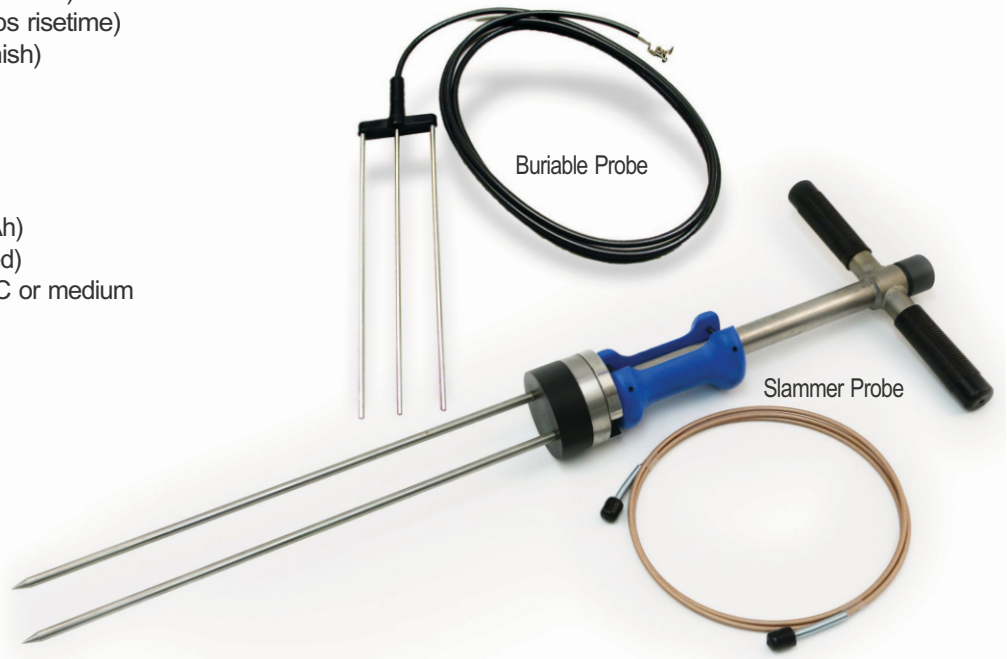Handi-TRASE TDR

System Features

- Compatible with all standard Soilmoisture waveguides (Buriable, Slammer and Standard Connector types)
- Automatic GPS Location tagging (user enabled)
- Export data via email, USB, USB-Ethernet, Bluetooth or WiFi
- Accuracy +/- 2% or better (full scale 0-100% volumetric water content)
- TDR graphic waveform analysis
- Cable measurements (up to 250 feet)
- Sampling rate as fast as 10 ps
- Create Site Location tags for any or all of your measurements
- Editable journal entries for measurements, even days later
- Built in camera (to help document site conditions)
- Strong measurement pulse (1 VPP, <130 ps risetime)
- User selectable language (English or Spanish)

new

System Accessories

- External solar panel/battery pack (20,000 mAh)
- Portable wireless direct printer (no PC needed)
- Specialized waveguides for unique length, EC or medium
- Waveguide lengths from 8 cm to 60 cm

Buriable Probe

Slammer Probe

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Hardware Specifications:

- **OS:** Android 5.1 running on A53 4-core CPU @ 1.2 GHz., 16 GB flash memory, 2 GB for OS
- **Display:** 1280x800 full color IPS capacitive touch screen
- **Communication:** USB 2.0-OTG, Bluetooth 4.0, WiFi (B/G/N), USB-Ethernet capable with optional dongle
- **SIM-Card Slot:** data modem & phone (WBCDMA, GSM/LTE & others)
- **Micro-SD Slot:** memory expansion up to 32 GB
- **Cameras:** 8 MP front, 2 MP rear
- **Charge Port:** 3.5 mm
- **Operating Temperatures:** -20 to +50C, storage temperatures: -40 to +60C
- **Humidity:** 5 to 95% non-condensation
- **Industrial Case:** waterproof (IP-67), drop resistant (1.2 meters height)
- **Battery:** Lithium, 3.7 V, 7200 mA

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