



# HandiTRASE TDR Soilmoisture Meter

## DESCRIPTION

Works with all standard Soilmoisture Waveguides, Buriable, Slammer and Standard Connector types.

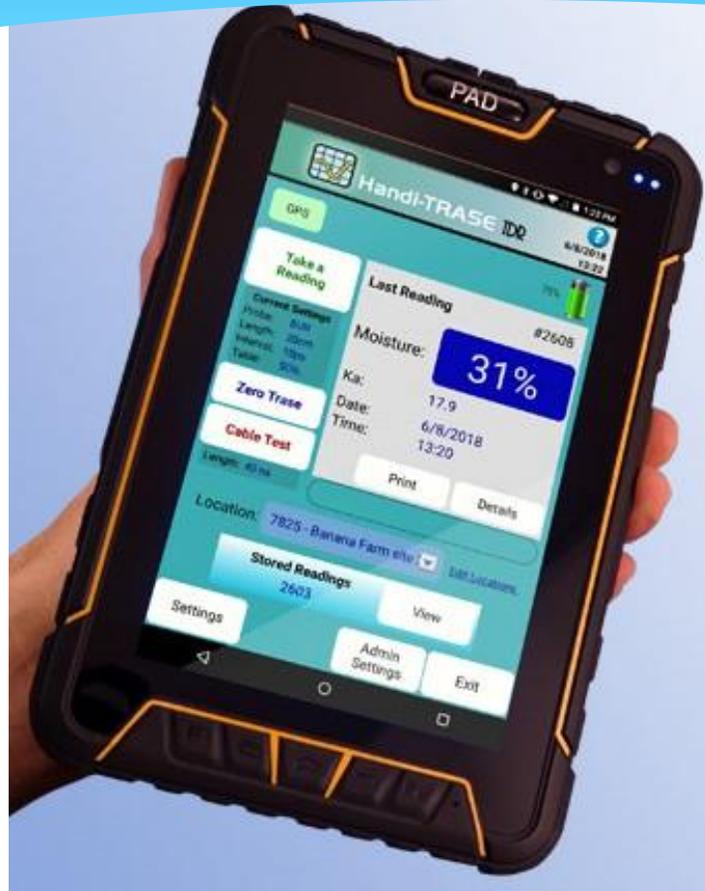
Accuracy +/- 2% or less of Full Scale 0-100% volumetric water content..

## Weight and dimension

- Weight 5.00 lbs
- Dimensions 12.00L x 10.00W x 4.00H.

Waveguide:

- Weight: 0.31 lb. Dimensions: 13X13X4 inches



## TDR SYSTEM SPECIFICATIONS:

- Works with all of our standard waveguides: Buriable, Slammer and Standard Connector types.
- Accuracy +/- 2% or less of Full Scale 0-100% volumetric water content.
- 10 ps resolution minimum sampling rate.
- Measurement pulse: 1VPP, <130ps rise time (typical).
- Cable measurements up to 250 feet. (used to validate Probe assemblies & extended Probe cable runs)
- TOR graphic waveform analysis.
- Automatic GPS Location tagging (User enabled)
- Create Site Location Tags for any or all of your measurements.
- Editable journal entries can be added to your measurements, even days later.
- Export data to your desktop via Email, USB, USS-Ethernet, Bluetooth or WiFi.
- Built in camera to help document site conditions.
- User selectable English or Spanish languages.

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## Applications

- Soil Moisture Sensing
- Irrigation Management
- Mining.

## HARDWARE SPECIFICATIONS:

- Android OS 5.1 running on A53 4-core CPU @ 1.2GHz. 16GB Flash memory, 2GB for OS.
- Android Play Store capable.
- Display: 1280x800 full color IPS capacitive touch screen.
- SIM-card slot for Data modem & Phone. (WBCDMA, GSM/LTE & others)
- Micro-SD memory expansion slot up to 32GB.
- Cameras: 8MP front & 2MP rear.
- USB 2.0-O TG, Bluetooth 4.0 & WiFi (B/G/N). (USS-Ethernet capable with optional dongle)
- Charge port, 3.5mm audio headphone/microphone jack & flashlight.
- Operating temperatures: -20 to +50C, storage temperatures: -40 to +60C.
- Humidity 5 to 95% non-condensation.
- Industrial Case: IP-67 & drop resistant from 1.2 meters.
- 3.7V 7200mA Li-battery. (Lasts several days under constant use, over a week on standby).

## BURIABLE WAVEGUIDE, 20 CM PROBES, 2 M CABLE

The 6005L2 Burable Waveguide is designed to be installed permanently in the soil, and allows measurements to be made at any depth in the soil profile. The waveguide rods are 20 cm long and made of 1/8" (0.3 cm) diameter stainless steel rods. The Burable Waveguide can also be used portably in light-duty applications and where space is limited. Extension cables of various lengths are available, allowing multiple waveguides to be connected and controlled from a central location.

## Contact info



## Monitoring MENA

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