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BULLETIN NO.: Bulletin-0007
Type of Bulletin: Technical

July 28, 2022

SUBJECT: TDRx50 Firmware v2.22 release
PRODUCT FAMILY: FieldScout™ TDR150, TDR250 and TDR350 (Item #'s 6445, 6250, 6435)

Details:

Spectrum Technologies has released firmware version 2.22 for the TDR-150, TDR-250, and TDR-350 Soil Moisture Meters. The existing firmware version is reported on the bottom of the LCD display once the TDR is powered on. Version 2.22 is a feature update to improve functionality and accuracy of the product.

Users of the calibration function are encouraged to download this update which adds additional sensor support to the TDR display. The firmware release, installation instructions and a full release history is available on the Spectrum website at www.specmeters.com/firmware.

Firmware Release History:

2.22 08/08/2022:

1. Improved 4.8" rod calibration for closer tolerance between meters
2. Improved 8.0" rod measurements in legacy TDR 300 mode
3. Improvements to HDOP reporting when changes in satellite reception occur
4. Reduced recovery time when GNSS Power Save mode is enabled and a reduction in satellites has occurred
5. BUG FIX: Corrected an issue when "Save to USB" is selected that could cause display to reset on TDR 250 models
6. Improvement to sensor error reporting and recovery

2.21 02/18/2022:

1. Internal release for production support

2.20 07/18/2021:

1. Bug Fix: Corrected issues where switching VWC% to Period mode was allowing open air readings to accumulate in the running average.
2. Adjusted 4.8" rod calibration range for current production to support manufacturing change

Warranty: There is no warranty for firmware updates to the product.