

Document Title: Description file for TEROS 14 Quickstart		Part # 18046	
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http://publications.metergroup.com/Quick%20Start%20Guides/18046_TEROS14_Print.pdf

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Dimensions: 8.25 in wide x 5.25 in tall (folded), 8.25 in wide x 10.5 in tall (not folded)

Colors: CMYK/Full Color 4/4

Printer Type: In-House Printer or at approved vendor

Material: Card stock, Bright White, 216 g/m² (folding cardstock)

Image below is for reference only. Not to scale.

The image shows a TEROS 14 soil moisture sensor and its quickstart guide. The sensor is a white rectangular device with three pins extending from the bottom. The quickstart guide is a multi-page document with the following sections:

- TEROS 14 QUICK START**
- Preparation**: Inspect and verify the sensor components. Test basic sensor functionality in air and water. The TEROS 14 will read a dielectric permittivity of ~79 in water and ~1 in air. **NOTE:** The TEROS 14 is sensitive to extreme dielectric properties of any substance that is applied to the sensor pins. The sensor will read false values if it is not used in the intended application. Installation should be done in a clean, dry environment before use in water.
- Installation Tool**: Proper installation of the sensors is critical for proper operation. Refer to the TEROS 14 User Manual for details. For ease of installation, use the Terence installation tool, the installation tool (shown below) is available for rent from METER Group. Contact Customer Support for more information.
- What is soil moisture?**: Soil moisture is a key variable in controlling the exchange of water and heat energy between the soil surface and the atmosphere through evaporation and plant transpiration. [Learn more at metergroup.com](#)
- ATTENTION**: For best results, use the latest versions of METER software and firmware for the computer or mobile device, products, and sensors. Please use the software help menu to find updates. Consult the sensor user manual for more troubleshooting tips.
- Installation**:
 - 1. Insert sensor**: Align or twist the hole to the desired sensor depth. Insert the sensor into the individual soil. When using the handheld installation tool, load the TEROS 14 in it. Lower the tool into the hole or trench with the back of the tool supported by the wall. Push on the lever to activate the jack and insert the sensor into the hole.
 - 2. Check sensor operation**: Plug the sensor into the data logger and use the SCAN function in the software to do a quick check of sensor operation before backfilling.
 - 3. Backpack soil and secure cables**: Secure and protect cables with PVC casing or flexible conduit and backfill the trench or hole.
 - 4. Plug sensor in and configure logger**: Plug the sensor into the data logger. Use data logger software to apply appropriate settings to the sensor plugged into each data logger port.

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