# TEROS VERIFICATION CLIP

METER

# TEROS VERIFICATION CLIP QUICK START

## Preparation

Confirm that the verification clip components are intact. The verification clip helps verify proper function and accuracy for TEROS 10, 11, and 12 soil moisture sensors. A data acquisition system and the appropriate software are required, such as the ZL6 and Zentra Utility or Zentra Utility mobile.

⚠ ATTENTION

TEROS soil moisture sensors require the most current software and firmware versions. Please make updates as necessary.
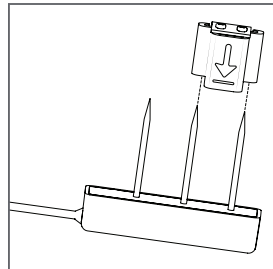
**ZL6** firmware version 2.02 or higher
**ProCheck** firmware version 1.70 or higher
**ZENTRA Utility** version 1.14 or higher

Go to metergroup.com/environment/downloads to find the current software or firmware version for the data logger being used.

## Installation

**1. Place verification clip on sensor.**

Slide the verification clip onto the two prongs farthest away from the sensor cable with the arrow pointing toward the sensor.
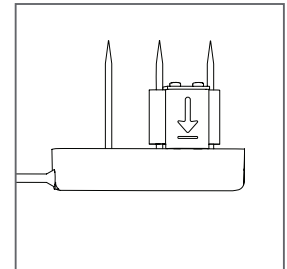
⚠ **WARNING**

Risk of personal injury is present. Sensor needle points are extremely sharp and will puncture skin. Please handle with care.
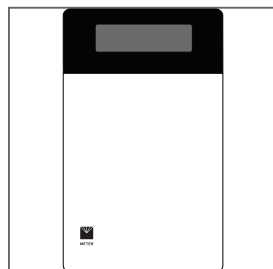


**2. Ensure correct verification clip placement.**

The verification clip should rest snugly against the sensor body.



**3. Connect TEROS sensor to data logger.**

Plug the sensor into the data logger and use the SCAN function in the software.



**4. Verify sensor function and accuracy.**

The sensor should read within the appropriate ranges.

| | RAW count | VWC (m³/m³) |
|---|---|---|
| **METER logger** | | |
| TEROS 11/12 | 2650 to 2730 | 0.332 to 0.363 |
| TEROS 10 | 2650 to 2800 | 0.356 to 0.419 |
| **Non-METER logger** | | |
| TEROS 10 | 1940 to 2050 mV | 0.356 to 0.419 |

# SUPPORT

Have a question or problem? Our support team can help.

We manufacture, test, calibrate, and repair every instrument in house. Our scientists and technicians use the instruments every day in our product testing lab. No matter what your question is, we have someone who can help you answer it.

### NORTH AMERICA

Email: support.environment@metergroup.com
Phone: +1.509.332.5600

### EUROPE

Email: support@metergroup.de
Phone: +49 89 12 66 52 0