

TEROS 54

SOIL MOISTURE PROFILE PROBE

SIMPLICITY WITHOUT SACRIFICE

You need accurate soil moisture measurements from easily installed sensors without extensive excavation. Most profile probes require you to choose between ease of installation and removal, sensor accuracy, measurement volume, and durability. At METER, we weren't willing to create a soil moisture profile probe unless it could meet all of these requirements. That's why we made the TEROS 54.

We designed the TEROS 54 profile probe to make every step of your measurement process easier—without sacrificing accuracy or durability. Soil water content and temperature sensors are positioned at 15, 30, 45, and 60 cm depths, providing root zone measurements without requiring soil pits or cumbersome sensor retrieval at lower depths. You get the convenience of profile measurements combined with



DO MORE WITH LESS

Using multiple individual sensors in a large sensor network can create a cord management nightmare, requiring an overabundance of wires and using up all the ports on your data logger. The TEROS 54 alleviates this problem, connecting all the sensors to the ZL6 data logger via one wire while maintaining your ability to monitor individual sensors in ZENTRA Cloud. Best of all, the TEROS 54 is plug and play—no programming or wiring necessary.



Feature summary

- Multi-depth soil moisture profile probe measures water content and temperature
- Installs via a small borehole without the need of a pilot tube
- All sensors can be removed at once with dedicated removal tool
- Easy plug-and-play operation
- See all your data remotely in real-time
- Ideal for annual crops and soil that requires sensors to be installed and removed seasonally
- Larger measurement volume
- Accurate research-grade soil moisture measurements
- Sensors provide profile measurements throughout and around most root zones

