



**METER**  
ENVIRONMENT

## **SDI-12 COMPATIBLE SENSORS AND INTEGRATION GUIDES**

### **TEROS 12 SOIL MOISTURE SENSOR**

The all-new TEROS 12 soil moisture sensor uses capacitance sensing technology to deliver an excellent price-to-performance ratio in a device that is easy to use and includes temperature and electrical conductivity.

[TEROS 12 integration guide](#)

### **5TE SOIL MOISTURE SENSOR**

The 5TE allows you to manage salts in your system by monitoring bulk [electrical conductivity](#), as well as the [volumetric water content](#) and temperature of the soil.

[5TE integration guide](#)

### **5TM SOIL MOISTURE SENSOR**

The 5TM delivers temperature with its onboard thermistor, along with volumetric water content.

[5TM integration guide](#)

### **GS3 SOIL MOISTURE SENSOR**

The GS3 has METER's signature accuracy and low cost and is designed specifically for use in soilless substrates. This sensor measures water content, temperature, and [EC](#) independently.

[GS3 integration guide](#)

## **TEROS 21 (MPS-6) WATER POTENTIAL SENSOR**

The Teros 21 (formerly called MPS-6) measure a wide range of [soil water potentials](#) without user maintenance or calibration.

[TEROS 21/MPS-6 integration guide](#)

## **HYDROS 21(CTD-10) WATER LEVEL-TEMP-ELECTRICAL CONDUCTIVITY SENSOR**

The HYDROS 21 (formerly called CTD-10) sensor is a low cost, accurate tool for monitoring of water level, electrical conductivity and temperature.

[HYDROS 21/CTD-10 integration guide](#)

## **ATMOS 14 (VP-4) TEMP/RH SENSOR**

Use the rugged ATMOS 14 (previously called the VP-4) to measure relative humidity, temperature, vapor pressure, and barometric pressure together with soil moisture probes in microclimate and evapotranspiration studies.

[ATMOS 14/VP-4 integration guide](#)

## **ATMOS 41 ALL-IN-ONE WEATHER STATION**

The ATMOS 41 all-in-one weather station is designed for continuous monitoring of environmental variables, including all standard weather measurements. See performance data for the ATMOS 41 weather station.

[ATMOS 41 integration guide](#)

## **ATMOS 22 ULTRASONIC ANEMOMETER**

The ATMOS 22 is a rugged, research-grade ultrasonic anemometer built specifically for agricultural, forestry, and environmental research applications.

[ATMOS 22 integration guide](#)

## **SPECTRAL REFLECTANCE SENSOR (SRS)**

The SRS allows you to measure [NDVI](#) or [PRI](#) vegetation indices at the plot or plant stand scale, and allows for non-destructive sampling of canopy greenup, senescence, and plant stress.

[SRS integration guide](#)

## **ES-2 ELECTRICAL CONDUCTIVITY SENSOR**

The ES-2 Electrical Conductivity Sensor measures the electrical conductivity of water in a pipe or tank. Pair the ES-2 with a GS3 or 5TE in the soil to develop a complete picture of the salts in a system as well as the salts remaining in the soil or substrate.

[ES-2 integration guide](#)

## **DRAIN GAUGE G3**

The Drain Gauge G3 Passive Capillary Lysimeter determines the volume of water and chemicals draining from the vadose zone into the groundwater.

[Drain Gauge G3 integration guide](#)

See our [Data Logger Compatibility Tables](#) to find the newest line of [SDI-12 compatible sensors](#).

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