Over the last four decades, the WATERMARK soil moisture sensor has been the preferred choice of growers, irrigation experts, and researchers alike for providing the most simple, affordable, and reliable measurement of available soil water.

Our WATERMARK soil moisture sensor acts as an artificial root, exchanging water with the surrounding soil as a plant does. This exchange enables measurement of how much effort is required by a plant to extract water that is available from the soil, not just what the moisture percentage may be. Measuring this soil water tension provides reliable data for irrigation scheduling, without requiring complicated calibrations for individual sites and different soils.

- 40 years of accurate and proven measurements
- Requires no site calibration or maintenance
- Buffered for salinity
- Not damaged by fertilizers, pesticides, or freezing
- Durable and reliable for harsh conditions
- Can be read manually, data logged, or used in control systems

The WATERMARK sensor can be installed on PVC pipe cut for any depth needed.

For more installation options and associated installation tools, please visit irrometer.com.
900M MONITOR

ACCESSORIES
- WATERMARK sensor
- Temperature sensor
- Pressure switch
- Rain gauge
- Data shuttle
- Cellular gateway

AUTOMATIC READING
- Automatically reads WATERMARK sensors, temperature sensors, switch closures, and tipping bucket rain gauges
- In-field display of current readings and USB port for downloading data
- User selectable reading frequency
- 8 sensor ports
- Weatherproof enclosure
- 9-volt battery powered
- WaterGraph Software included

IRROCLOUD DATA PLATFORM
Adding a cellular gateway to the 900M Monitor enables viewing of WATERMARK sensor data in real-time from any mobile or desktop device through our IRROcloud data platform. An intuitive dashboard provides device status, maps, and a gauge panel with adjustable thresholds for quick reference, while a full-featured graph and reporting suite supports detailed analysis of soil moisture, rainfall, and irrigation events.
SIMPLE · AFFORDABLE · RELIABLE