



Wireless Soil Moisture Sensor

Wireless Soil Moisture Smart Sensor

Work the Soil with an Ear to the Ground.

It's easy to know your soil's water and temperature condition with Alegna's Soil Moisture Sensor. It provides a highly effective way to improve irrigation scheduling and efficiency. You'll know when and where to water your crops, plants, or landscape from the data you gather.

See Water Tension to Prevent Water Stress.

The Soil Moisture Sensor measures soil water tension (matric potential) and temperature. With a resistive granular matrix element, you can optimize your tension parameters to determine the earliest indication of water stress and make sure you irrigate before it reaches that point. The unique element feature delivers consistent calibration without needing to recalibrate for every installation.

The Sensor also has a thermistor-based temperature element. Its readings will help you assess temperature -40°C to 125°C (-40°F to 257°F) and the moisture's temperature compensation, eliminating the need to measure moisture every time the soil temperature changes.

More Key Features of our Soil Moisture Sensor include:

- Safe and durable in both hot and freezing temperatures
- Measure within a range of 0 to 240 centibar (CB) or kilopascal (kPa)
- Corrosion-resistant and made of high-grade stainless steel
- Internally compensated for commonly found salinity levels
- Easy to install and use compared to traditional tensiometers

Applications

- Greenhouse Soil Monitoring
- Grow House Monitoring
- Commercial Landscaping
- Environmental Monitoring

- Smart Watering
- Agricultural Monitoring
- Agronomy Research

Smart Sensor Features & Benefits

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

Call us today at (770) 855-3328 for more information. Alegna's Team Is At Your Service!