

SPECIFICATIONS

Measurement Units:

Percent saturation

Measurement Range:

0 to 100%

Accuracy:

1% of full scale

Operating Temperature

Range: 4.4°C – 65.6°C

Sensor Type:

capacitance

Power Requirements:

Power Supply:

9 V DC battery,
lasts approx. 3 months

Sensor Dimensions:

Weight (unpacked): 2.26 kg

Overall length: 91.4 cm

Probe length: 76.2 cm

Probe diameter: 1.3 cm

Applications

Golf courses

Parks and gardens

Landscape managers

Irrigation consultants

Farmers

Scales for clay, loam
and sand

Features

Readings in seconds

Anywhere, anytime

Portable, lightweight

Long-term calibration

Unaffected by
temperature, pH,
dissolved salts or
metallic ions

Rugged construction

Cast aluminium case

Aircraft grade stainless
steel probe

Foam handles

ORDERING INFORMATION

M-300 Moisture Meter

DocRef: Ver1.2

Aquaterr Soil Moisture Meter

Probe your soil with a simple-to-use Aquaterr Soil Moisture Meter. Learn the truth about your irrigation system:

- How deep is the water penetration? At the root zone? Below it?
- How good is your sprinkler or drip coverage?
- Do your controllers need resetting for different areas? Different seasons?

Aquaterr Moisture Meters—the high technology tools that are changing the way water management is conducted. Join the many users who have discovered the benefits of “seeing” water distribution patterns in the soil. Those who have battled problem plants and tricky soil areas greatly appreciate the Moisture Meter’s ability to help solve these problems.

Construction

Aquaterr Instruments portable capacitance-based probes provide instant direct readings in a stainless steel and aluminum housing that will last for years.

The fastest sensor response time in the industry allows you to check conditions anywhere as fast as you can walk and probe. This portability and speed means that these meters are the least expensive professional devices per test site available.

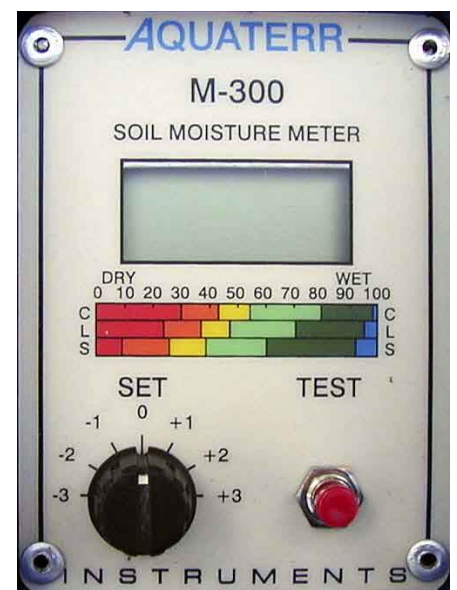
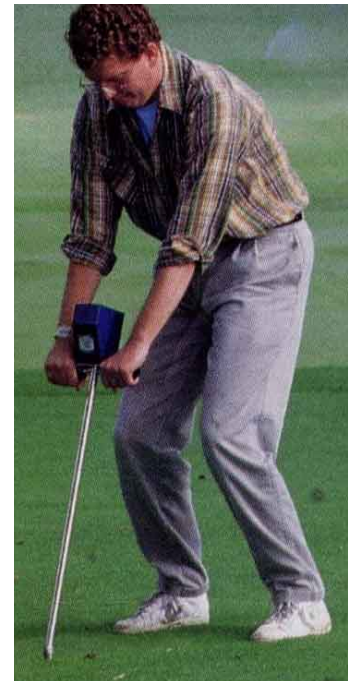
With these devices, a manager or their assistant can quickly evaluate an area for problems without waiting for lab results. This is why these devices serve as aids to thousands of irrigation decision makers in millions of acres worldwide.

Moisture

Our most popular models, are designed to closely track the “hand feel” method. The radio frequency capacitance sensor at the probe’s tip instantly determines the amount of air and water in the soil, thus giving a direct readout in percent of saturation.

These probes are well known for their use in irrigation timing, Et audit programs and determining the available water for deficit irrigation. However, some of the biggest benefits include: finding plugged emitters, bad sprinkler heads, pressure problems, wind effects and elevation effects on water distribution.

The probe’s quick response to changing conditions is found to be critical at times in the season when soil moisture can change rapidly, like during a heat wave.



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