

SPECIFICATIONS

• **VOLUMETRIC WATER CONTENT**

- **Range:** 0.0 to 1.0 m³ m⁻³
- **Resolution:** 0.001 m³ m⁻³
- **Accuracy:**
 - ±0.03 m³ m⁻³ typical
 - ±0.06 m³ m⁻³ maximum

• **DIELECTRIC PERMITTIVITY****

- **Range:** 1 (air) to 80 (water) dielectric permittivity units
- **Resolution:** 0.002 dielectric permittivity units
- **Accuracy:** ±1.0 dielectric permittivity units

• **TEMPERATURE**

- **Range:** -40 to 70 C
- **Resolution:** 0.1 C
- **Accuracy:**
 - ±0.5 C from -40 C to -20 C
 - ±0.3 C from -20 C to 70 C

• **ELECTRICAL CONDUCTIVITY (BULK)**

- **Range:** 0 to 20000 µS cm⁻³
- **Resolution:** 1 µS cm⁻³
- **Accuracy:**
 - ±5 % from 10000 to 20000 µS cm⁻³

*For factory calibration soils.

**Specifications exclude errors from the Topp (1980) approximation.

Specifications subject to change without notice.

Measurement for better result...

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