

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...

