

The Sentek soil probe provides capacitance-based soil moisture and soil temperature monitoring, with optional soil salinity monitoring. The tapered probes are available in 300mm, 600mm, 900mm and 1200mm depths, with sensors measuring soil metrics every 100mm.

Each order includes a custom designed tapered soil drill and installation kit for simple “Drill and Drop” installation.



Specifications

Model	AxisTech Soil-ST
Sensors	Moisture sensor spacing: 100mm Top Diameter: 30mm ±0.2mm Taper Angle: 0.15° Moisture Resolution: 1:10,000 Moisture Precision: ±0.03% vol. Temperature Resolution: 0.3°C Temperature Accuracy: ± 2°C @ 25°C Temperature Range (Operating): -20°C to +60°C Salinity Resolution: 1:3000 Salinity Variation: 0.2%CV
Power	Solar with Li-PO4 battery backup
Connectivity	Sigfox, 4G/LTE/CatM1/NB-IOT (5G ready), Satellite

Model	EC	Sensors	Depth (mm)
Soil ST3	No	3	300
Soil ST6	No	6	600
Soil ST9	No	9	900
Soil ST12	No	12	1200
Soil STEC3	Yes	3	300
Soil STEC6	Yes	6	600
Soil STEC9	Yes	9	900
Soil STEC12	Yes	12	1200

For more information on our devices, visit axistech.co or send us an email at info@axistech.co