

Encapsulated Soil Moisture, Salinity and Temperature Probe

The **Drill & Drop** is a fully encapsulated, easy to install soil measurement probe. Available with moisture, salinity and temperature sensors at every 10cm (4") depth.

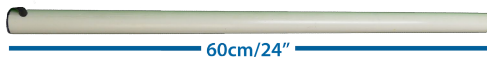
Features

- Robust probe and easy installation:
Scan the QR code to watch our Drill & Drop video
- Fully encapsulated electronics
- Tapered shape allows for extremely fast and high-quality undisturbed installation in majority of soil types
- Ability to measure the true soil profile, NOT slurry
- Buriable to any depth
- Sentek-proven quality soil moisture and salinity measurements
- Pre-normalised sensors with inbuilt default calibration equations
- Access soil profile data through IrriMAX Live
- Available in multiple lengths, and as a single point sensor



User Benefits

- Great for short-term use, such as in applications of monitoring vegetable crops, due to the fast and easy install
- Also designed for long-term use, as it can be installed and left untouched for many years
- Potential water, power, fertilizer and time savings, along with increased yields and quality
- Slurry-free installation procedure, increasing the reliability of soil moisture and salinity readings



- Less prone to machinery damage with electronics being completely buried

- Combine soil moisture, salinity and temperature readings to see what's happening in the soil profile

Sentek Single Point Sensor & Drill & Drop Probe Specifications

Probe Lengths	10.5cm (4")	30cm (12")	60cm (24")	90cm (36")	120cm (48")
Number of Sensors	1	3	6	9	12
Outer Probe Diameter	Top: 24.5mm Bottom: 24mm	Top: 30mm Bottom: 28.75mm	Top: 30mm Bottom: 27.5mm	Top: 30mm Bottom: 26.25mm	Top: 30mm Bottom: 25mm
Types of Sensors (at each depth)	Moisture + Temperature OR Moisture + Temperature + Salinity				
Resolution	Moisture = 1:10000 Salinity = 1:6000 Temperature = 0.3°C				
Moisture Precision	+/- 0.03% vol.				
Temperature Accuracy	+/- 2°C @ 25°C				
Operating Temperature	-20°C to 60°C				