

Drill & Drop™ Probe - BTS

Product Number: 01220



Accurate | Tapered | Easy Install

Easy installation, accurate soil moisture, salinity, and temperature measurement.

The Drill & Drop™ probe is fully encapsulated and can be buried, reducing the risk of machinery damage.

Features

- 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
- Pre-normalised sensors with inbuilt default calibration equations
- Access soil profile data through IrriMAX™ Live
- Available with moisture, salinity, and temperature sensors at every 10 cm (4") depth
- FDR Frequency Domain Reflectance Measurement Principle

Benefits

- Best choice for short-term use, such as the monitoring of vegetable crops, due to the fast and easy install and extraction techniques
- Reliable option for long-term use, as it can be installed and left untouched for many years
- Manage irrigations to save water, power, fertiliser, and time, along with increased yields and quality
- Fast and undisturbed, slurry-free installation procedure, increasing the validity of soil moisture and salinity readings
- Combine soil moisture, salinity, and temperature readings to see what is happening in the soil profile



Specifications

| | | | | | |
|---|---|-------------------|------------------|-------------------|----------------|
| Probe Length | 10.5 cm/4" | 30 cm/12" | 60 cm/24" | 90 cm/36" | 120 cm/48" |
| Number of Sensors | 1 | 3 | 6 | 9 | 12 |
| Outer Probe Diameter Top: Bottom: | 24.5 mm 24 mm | 30 mm 28.75 mm | 30 mm 27.5 mm | 30 mm 26.25 mm | 30 mm 25 mm |
| Moisture Resolution | 0.01% VWC (0.0001 m ³ / m ³) | | | | |
| Moisture Range | 0 to Saturation | | | | |
| Moisture Accuracy | ±3% | | | | |
| Temperature Range | -40°C to 60°C | | | | |
| Temperature Resolution | 0.1°C | | | | |

