

EnviroSMART

Cable Free Soil Water Monitoring System

What is it?

The EnviroSMART probe, like the EnviroSCAN, is a multi-depth soil water monitoring probe. EnviroSMART's difference is its ability to connect the soil water monitoring probe to a wide range of technologies, such as data loggers, radios and weather stations using UHF radio instead of cable.

Why?

EnviroSMART provides the user with the flexibility to record not only continuous soil water data but also to:

- Record other relevant information such as weather data simultaneously with your soil water data
- Access data remotely
- Utilise existing data logging technology

The EnviroSMART system

EnviroSMART Probe

- Multiple sensors with flexible depth placement (10cm increments)
- Can monitor from shallow depths (0cm - 10cm) to deep installations (up to 3 metres)
- Length of EnviroSMART probe can be customised to suit a wide range of applications
- Up to 16 sensors per probe
- In-built probe orientation and depth settings to increase sensor repeatability
- SDI-12 Voltage Output, Current Output, RS 485 (Modbus) and RS 232 (Modbus)

Access Tube

- Customised access tube increases accuracy
- Sensors have no direct contact with soil
- Specially sealed to guarantee long term operation
- No preferential path flow of water alongside the probe body
- Probe and sensors are readily accessible and serviceable without destroying site
- Easy to change sensor configuration
- Minimised soil and root disturbance
- Data continuity after probe service.



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