

EnviroSCAN

*Cabled, Continuous
Soil Water
Monitoring System*

What is it?

EnviroSCAN is a complete, stand-alone soil water monitoring solution.

Suitable for a wide range of applications the EnviroSCAN is a well established and proven solution for commercial growers and research markets world wide.

The EnviroSCAN system comprises multi-sensor capacitance probes connected to a customised data logging facility. The data captured by this system is displayed in the user-friendly and powerful IrriMAX software. The EnviroSCAN sensor technology utilises Frequency Domain Reflectometry (FDR) to measure soil water.

The EnviroSCAN is regarded as a reliable and affordable option for many growers contemplating a move to soil water monitoring.

The EnviroSCAN system

EnviroSCAN Probe

- Multiple sensors with flexible depth placement (10cm increments)
- Can monitor from shallow depths (0cm - 10cm)
- Length of EnviroSCAN 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



Access Tube

- Customised access tube increases sensor accuracy
- Sensors have no direct contact with the 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 the site
- Easy to change sensor configuration
- Minimised soil and root disturbance
- Data continuity after probe service



EnviroSCAN

RT Data Logger

- Has the ability to log 32 sensors and eight EnviroSCAN probes
- Flexible logging interval ranging from one minute to over 16 hours (999 minutes)
- Large data storage capacity
- Flexible power supply options - solar panel, 12 volt battery, mains power
- Cable length up to 500 metres from logger to each probe
- Four probes can be connected to the one cable run

Data management and display

The data collected by the EnviroSCAN system is viewed in the Irrimax software that is designed for easy display and interpretation of soil water, rainfall and irrigation data.

Data retrieval options

- Manual retrieval of logger and download at your PC
- Infield download using your laptop
- Landline - hard wire to your PC
- Modem
- Mobile phone (GSM, Next G)
- Radio



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