

Why?



The benefits of the EasyAG® Probe

- **Easy installation** - proven soil moisture measurement technology can be installed in minutes making it ideal for most crop types - particularly annual crops.
- **Increase profit** - improve your crop yield and quality with informed irrigation decisions.
- **Reduce waste** - target water and fertilizer to the rootzone not past it.
- **Save money** - use existing farm management infrastructure to optimise water, fertilizer and energy use.
- **Flexibility** - to create a farm management system to suit your individual requirements.
- **Reliability and accuracy** - with proven technology that is used in over 100 different crop types around the world.

Who?

Who is Sentek Sensor Technologies?

Sentek Sensor Technologies is an Australian based company that has been developing leading soil moisture monitoring technology for over 12 years. Sentek's products are currently used in agriculture, horticulture, viticulture, wastewater management, research, mining and environmental industries around the world. The company currently supports over 50 distributors with hundreds of sales locations around the world. Sales are serviced through this carefully selected network of qualified and licensed distributors across five continents. Sentek exports the majority of its water management products to growing markets in the US, UK, Europe, Asia and South America.

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Sentek sensor technologies

Integrating the Future



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Sentek sensor technologies

Making sophisticated soil moisture monitoring easier.



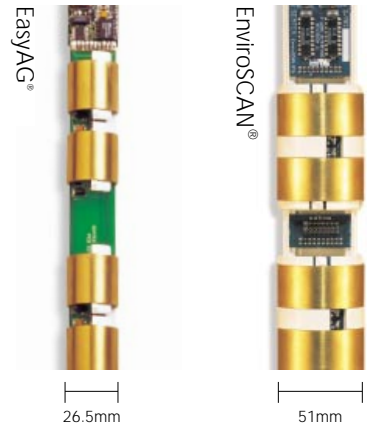
EasyAG® 50

EasyAG® 80

For over 12 years the revolutionary force in
soil moisture monitoring management
www.sentek.com.au



What?



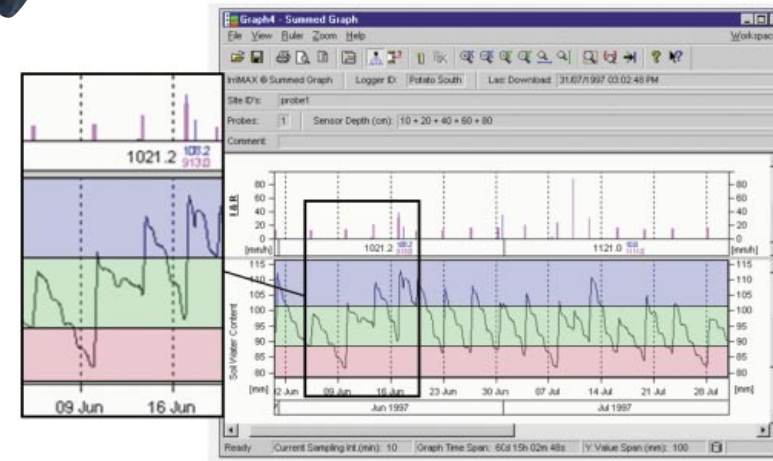
What is the EasyAG® probe?

The EasyAG® probe is an easy to install, slim-line soil moisture measurement probe. Using the same proven technology as EnviroSCAN®, EasyAG® 50 is designed to monitor crop rootzones to a depth of 50cm (20 inches) whilst the EasyAG® 80 is designed to monitor crop rootzones to a depth of 80cm (32 inches). With a choice of interfaces available, the EasyAG® probe can be used in conjunction with a Sentek EnviroSCAN® logger as a stand alone system, or integrated to a range of other on-farm technologies such as weather stations and irrigation controllers.

Software

How is EasyAG® data displayed?

Multiple software options are available for users of the EasyAG® probe. The data provided by EasyAG® can be displayed in third party application software, or where compatible, in Sentek's dedicated irrigation scheduling software.



Installation

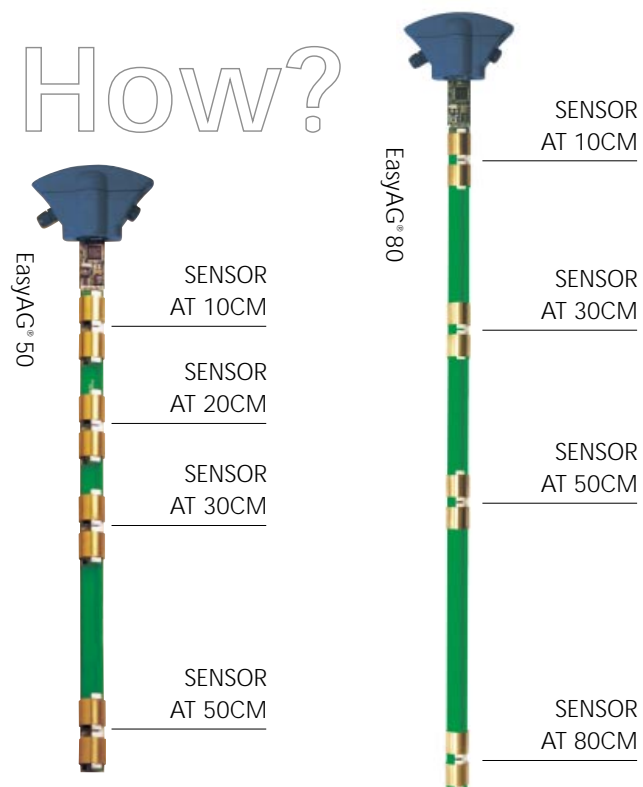
EasyAG® 50 Installation A standard soil auger is used in conjunction with Sentek designed tools. The standard installation technique enables EasyAG® 50 to be installed across a wide variety of soil types with ease and accuracy.

EasyAG® 80 Installation A modified soil auger is used to make a defined hole into which a liquid slurry is poured to completely surround and embed the Sentek probe. The technique enables EasyAG® 80 to be installed at greater depth across a wide range of soil types with ease and accuracy.

Easy Servicing Servicing can be conducted in-field, without disturbance to the surrounding soil and roots.

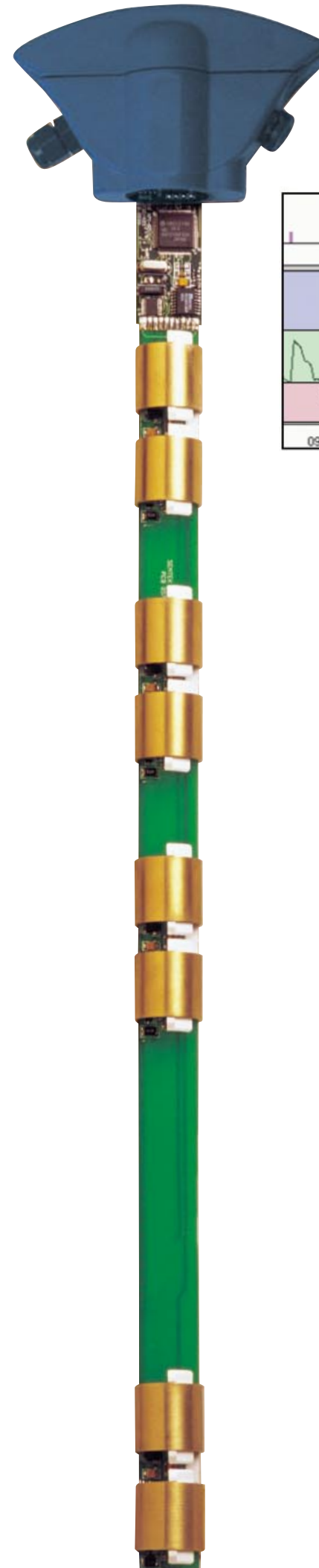


How?



How does the EasyAG® Work?

The EasyAG® 50 probe has sensors located at 10cm, 20cm, 30cm and 50cm depths. The EasyAG® 80 has fixed sensors located at 10cm, 30cm, 50cm and 80cm depths. The sensors utilise electrical capacitance to measure soil moisture. A high frequency electrical field, created around each sensor, extends through the access tube into the soil, to provide an extremely accurate soil moisture measurement.



Integration

Integration is the ability to connect EasyAG® probes to a range of on-farm technologies.

With the EasyAG® probe, you can use the world's best soil moisture monitoring technology with your choice of:

- Irrigation Controller
- Weather Station
- Sentek Logger
- Programmable Logic Controller (PLC)
- Datalogger
- Telemetry

A range of connectivity including:

SDI-12, Voltage Output, Current Output, RS485 (Modbus or SMCP2) and RS232 (Modbus or SMCP2).



What are the integration options?



Benefits

The benefits of integration include:

- ✓ Cost effectiveness - no need to purchase unnecessary equipment such as additional loggers and radios etc.
- ✓ Ability to easily add soil moisture monitoring to existing systems.
- ✓ Create your own system - choose your preferred compatible weather station, logger, PLC etc.