

# PRECISION SUB-SURFACE SOIL PROBES

Fully encapsulated soil sensors for meaningful crop selection, irrigation and fertilisation decision making.



IDENTIFY TRENDS



CONSERVE WATER



SAVE TIME



IMPROVE YIELDS



**EnviroPro**<sup>®</sup>  
PRECISION SOIL PROBES



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# THE LEADER IN THE FIELD OF PRECISION SOIL CONDITION MONITORING.

At the heart of any serious soil monitoring system are the primary sensors. EnviroPro® Soil Probes are precision multi-function and multi-level sub-surface instruments offering continuous reliable and repeatable monitoring of soil **moisture, temperature** and **salinity (EC)\***.

In today's economic and environmental climates, optimisation is key. First with salinity and temperature compensated moisture readings, EnviroPro® soil probes provide accurate data for better crop selection and meaningful irrigation and fertiliser decision-making, year after year.



## IDENTIFY TRENDS

EnviroPro® soil sensors allow growers to collect data over long periods, enabling them to make informed decisions based on trends and historical events. Each sensor is factory calibrated to ensure life-time sensor to sensor and probe to probe repeatability.



## CONSERVE WATER

Save on our most precious resource, water. With the ability to test soil moisture levels at root level, EnviroPro® capacitance probes will give you the power to know when to irrigate, and how much water your crops require.



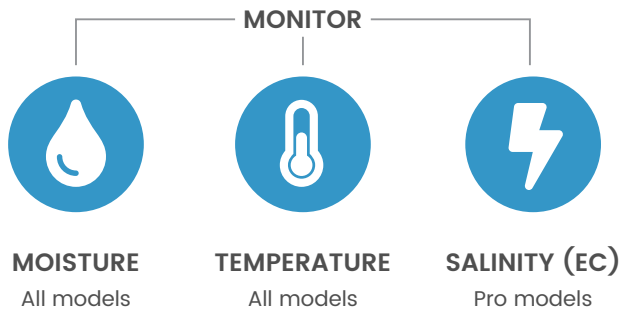
## SAVE TIME

Manually sampling soil for testing or lab analysis takes time and money. EnviroPro® enables quick and easy access, any time, to information about the soil while reducing the need to travel into paddocks to conduct soil testing.



## IMPROVE YIELDS

EnviroPro® is ground-breaking technology that can facilitate better quality produce and higher yields by providing an insight into underground conditions at the root zone, and thus enabling the optimisation of fertilisers, energy, irrigation and water use.



✓ **SENSORS AT 10CM INTERVALS**

✓ **40, 80, 120 AND 160CM OPTIONS** - for suitability in all crop types

✓ **\*EC UPGRADABLE** - ALL probe models utilise salinity compensation techniques for greater accuracy, but only pro models can output salinity metrics. Standard models can be upgraded to enable salinity metrics pre or post purchase and pre or post installation with an upgrade key.

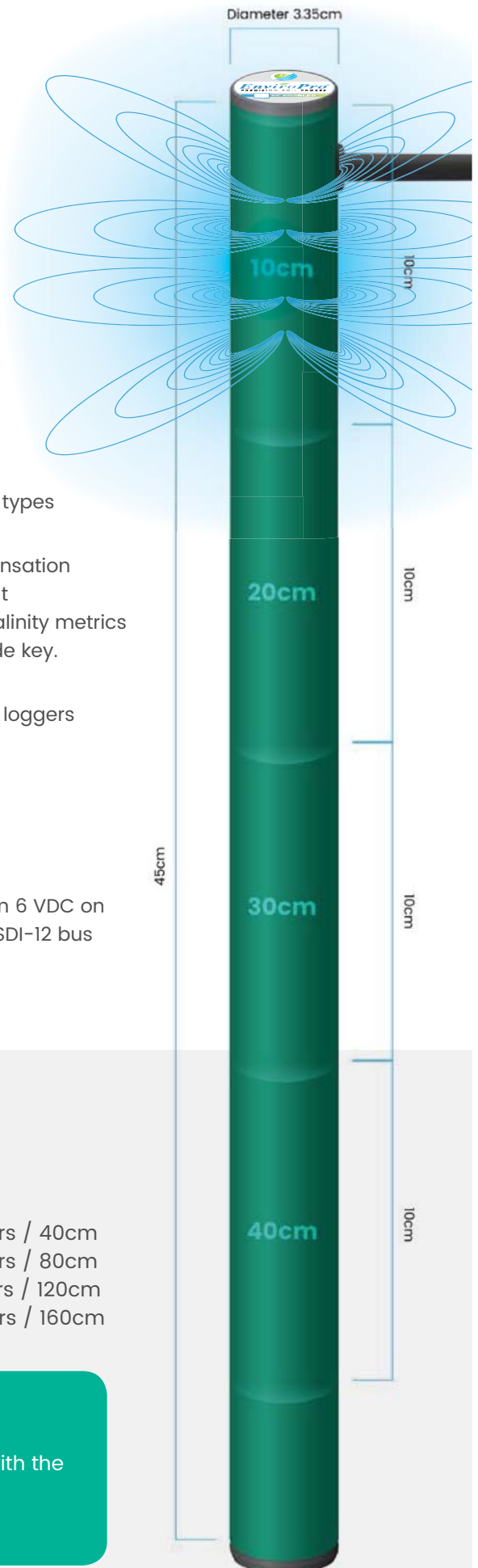
✓ **SDI-12 V1.3 COMPLIANT** - interfaces to all SDI-12 compliant loggers

✓ **CE, RCM, FCC EMC, ROHS, REACH COMPLIANT**

✓ **OPTIONAL SDI-12 TO RS-485 CONVERTER**

✓ **RECOMMENDED OPERATING RANGE 7 - 16 VDC** - minimum 6 VDC on standard EnviroPro® 5m cable with single device connected to SDI-12 bus

✓ **STANDARD 5M CABLE** - custom lengths on request



**Pro Models**



EPI00G-04 : 4 sensors / 40cm  
 EPI00G-08 : 8 sensors / 80cm  
 EPI00G-12 : 12 sensors / 120cm  
 EPI00G-16 : 16 sensors / 160cm

**Standard Models**



EPI00GL-04 : 4 sensors / 40cm  
 EPI00GL-08 : 8 sensors / 80cm  
 EPI00GL-12 : 12 sensors / 120cm  
 EPI00GL-16 : 16 sensors / 160cm

**Turf Probes**

Turf probes are modified to avoid damage by aerators with the cable on the bottom, and a deflective cone shaped cap. Available in 4 sensors / 40cm.

# WHY CHOOSE ENVIROPRO®?

**+ SAMPLE MORE SOIL** - EnviroPro® sensors are uniquely designed to have a much larger field of influence than other capacitance probes, providing more meaningful measurements of the local soil.

**+ COMPENSATED MEASUREMENTS** - All EnviroPro® sensor models compensate salinity and moisture measurements for variations in temperature, as well as compensating moisture measurements for salinity variations. Without this compensation, the presence of salinity in the soil can cause critical over reporting of moisture content by capacitance probes.

**+ DESIGNED TO LAST** - EnviroPro® soil probes are long-life instruments that are fully encapsulated to ensure maximum immunity to environmental degradation.

**+ MAINTENANCE-FREE** - Each probe is individually calibrated in the factory, so they never need to be re-calibrated in the field.

**+ 5 YEAR WARRANTY** - We're confident in the quality of our products, and you should be too. All EnviroPro® soil probes come with a 5 year warranty to ensure low cost of ownership and peace of mind.

**+ EASY INSTALL/ REMOVAL** - EnviroPro® installation kits used with recommended bentonite slurry make both install and removal of probes quick and easy.

**+ MANY APPLICATIONS** - Applications include turf, trees, flowers, vegetables, citrus, vines, cane fields, grains and dry-land crops, and many other plantations. Other applications include mining, environmental monitoring and scientific research.

**+ DESIGNED & MANUFACTURED IN AUSTRALIA**

**+ OVER 20 YEARS OF PROVEN EXCELLENCE**

For more information, visit  
[enviroprosoilprobes.com](http://enviroprosoilprobes.com)



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