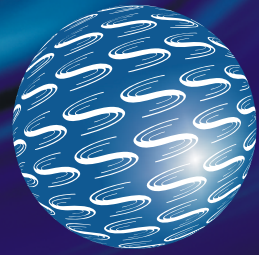


# About Sentek

'proven quality, enduring value'



*"..as climate changes and world population booms, agriculture will be forced to do more - produce food, fibre, animal feed and fuels - with less water..."*

*Robert Evans, Research leader at the US Dept. of Agriculture's Northern Plains Agricultural Research Laboratory in Montana, USA*

## Who is Sentek?

Sentek Sensor Technologies is an Australian based company manufacturing world leading sensors and solutions for precision measurement and management of soil water and salinity.

Founded in 1991, Sentek was established in the driest state of the driest continent on earth, with the vision to find a scientifically proven and commercially viable way of irrigating more effectively and efficiently. The company was backed by a group of local irrigators who recognised the importance of what was being developed, and understood that they could not afford 'not to have this technology'.

Today, Sentek's range of products is used extensively not only in irrigation management, but also in dryland farming, environmental and mining applications, research and education, turf, parks and gardens. Sentek has a continued focus on research and development.



## The Technology

Sentek's sensor technology records near continuous soil water and salinity data, from multiple depths in a profile, using capacitance based measurements. This presents an on-going image of water movement and plant water uptake, under ever-changing soil, growth and weather conditions.

*"..the resulting water savings from advanced irrigation technologies can range from 10-50%, whereas the potential from genetic approaches alone appears to be of the order of 5-10%..."*

*- Robert Evans*



## Proven Benefits

Thanks to some key benefits that are achieved time and time again, across different crops and conditions, Sentek products have been widely adopted as the soil water management tool of choice in commercial and research applications alike.

Proven benefits include:

- improved crop quality and yield
- increased water use efficiency
- energy savings (water pumping costs)
- reduced environmental impacts
- minimised leaching of fertilizers and chemicals
- establishment of sustainable, profitable and quality agricultural production systems.



visit our website  
[www.sentek.com.au](http://www.sentek.com.au)  
for crop specific case studies

## Sentek sensor

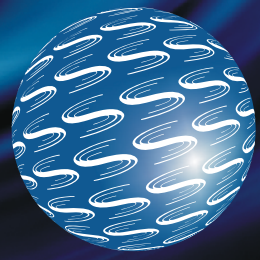
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[www.sentek.com.au](http://www.sentek.com.au)

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# About Sentek

'proven quality, enduring value'



## Quality Local Backup & Support

Sentek products are sold and supported by a network of highly trained distributors, with a combined reach across six continents of the globe. Distributors are trained to assist in site selection, installation, technical commissioning and the provision of on-going agronomic support and consultancy services, to ensure the customer gets the most out of their Sentek soil water and salinity monitoring system.

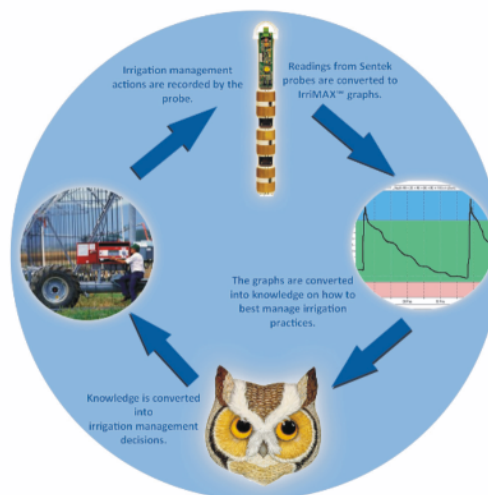
To contact your local distributor, please visit the Sentek website at [www.sentek.com.au](http://www.sentek.com.au) and follow the links to find their name and contact details.



## The Sentek Advantage

What sets Sentek apart as the leading provider of quality soil, water and salinity monitoring solutions?

- provision of knowledge to make management decisions, not just data
- option to measure soil water and salts
- scientific credibility
- commercial credibility
- site specific calibration at individual sensor level for proven scientific accuracy
- high data resolution
- flexible sensor depth placement
- fully field serviceable and configurable probes
- installation using the right tools and methods, ensuring site integrity
- diverse range of products to suit different applications
- profile monitoring available to depths of up to 40 metres
- secure data storage
- product upgrade path



Diviner 2000 • EnviroSCAN • EasyAG • TriSCAN • SentekPlus • SentekRT6 • SentekSolo • IrriMAX • Sentek SoluSAMPLER

Your local distributor is:

**Sentek sensor**

technologies

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