



VAN WALT
monitoring your needs



Smart Sensors

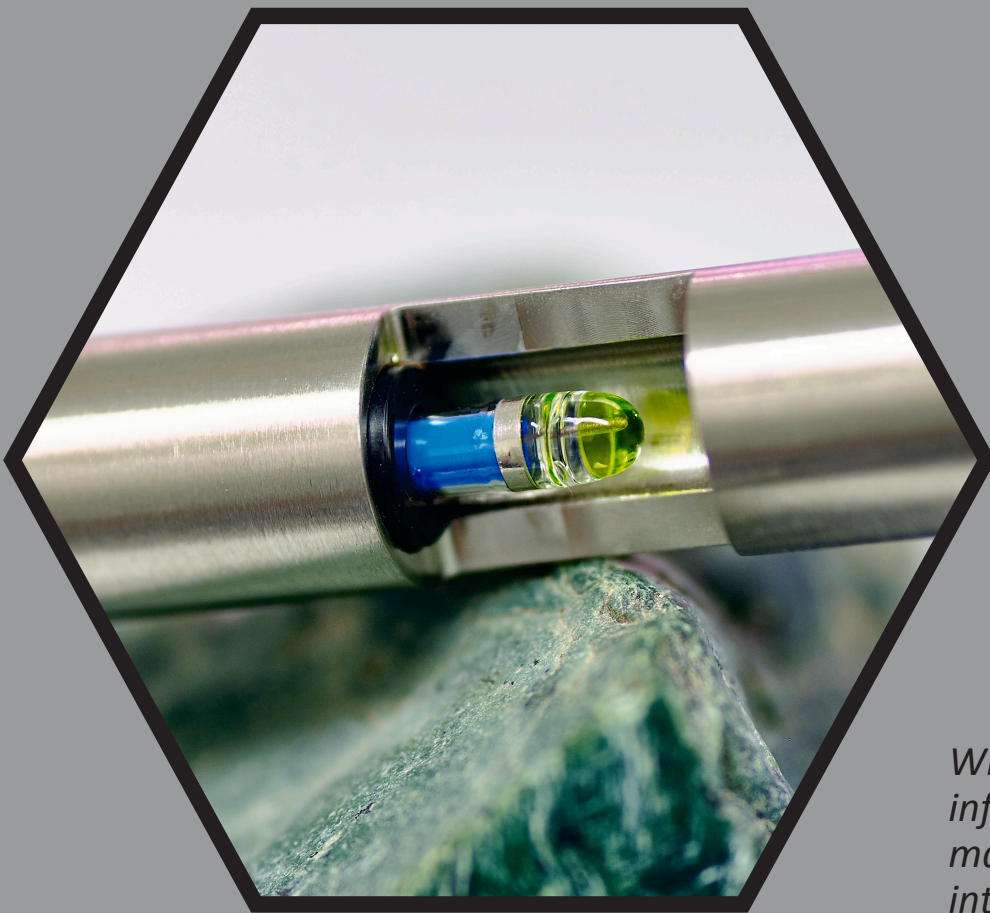
Seametrics Smart Sensors

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Smart Sensors from the Seametrics stable that can send you instant updates. Sensors that can talk to other devices and that have their own memory and can compensate for interferences.



- PT12**
- o Water level
 - o Temperature
 - o OEM applications
- CT2X**
- o Water level
 - o Temperature
 - o Electrical conductivity
- PT2X**
- o Water level
 - o Temperature

With our Smart Sensors you always have reliable, accurate information at your fingertips. You can save valuable time maintaining and managing your data so focus more on interpreting it.



- Turbo**
- o Turbidity
 - o Temperature
 - o Wiper to remove fouling prior to measurement
- DO2**
- o Dissolved Oxygen
 - o Temperature
- tempHion**
- o Temperature
 - o pH
 - o Redox (ORP)
 - o Delicate bulb protected by rugged SS body
 - o User refillable electrolyte

Sensors available

Smart Transducers

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Hastelloy oil filled pressure transducer for:

- o Accuracy,
- o Stability,
- o Robustness
- o 4 factor overpressure tolerance
- o Measuring ranges up to 200 metres
- o Multipoint calibration in pressure and temperature chamber

Smart Sensors with high grade Hastelloy transducers to record data, control system operations, communicate over a network and much more.

Smart Cables

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Kevlar or Mylar shrouded cables in PU, HDPE or ETFE for:

- o Low stretch
- o High strength
- o Chemical resistance

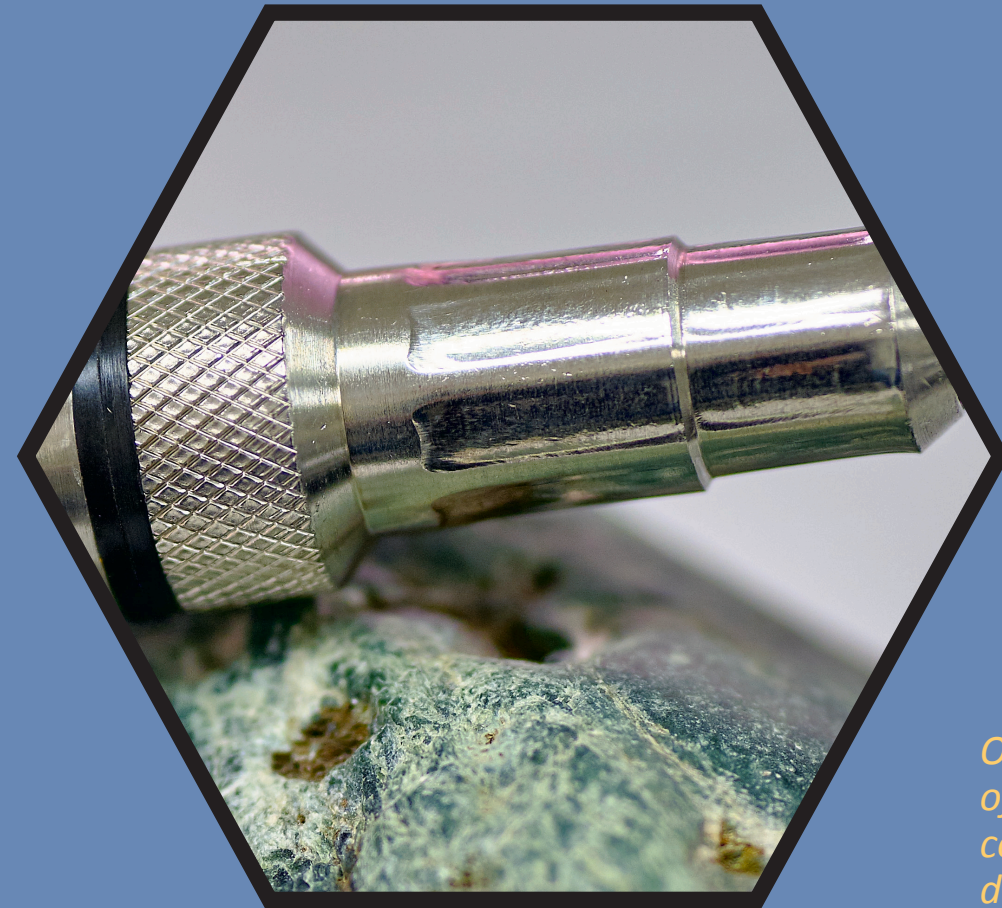
Vented loggers for:

- o Ultra high accuracy
- o Unclip and reclip dessicant tube

A Smart Sensor is only as good as the cable connecting it. Seametrics cables are rugged, Kevlar re-enforced, heavy duty and non stretch. A variety of materials is available depending on your application.

Smart Construction

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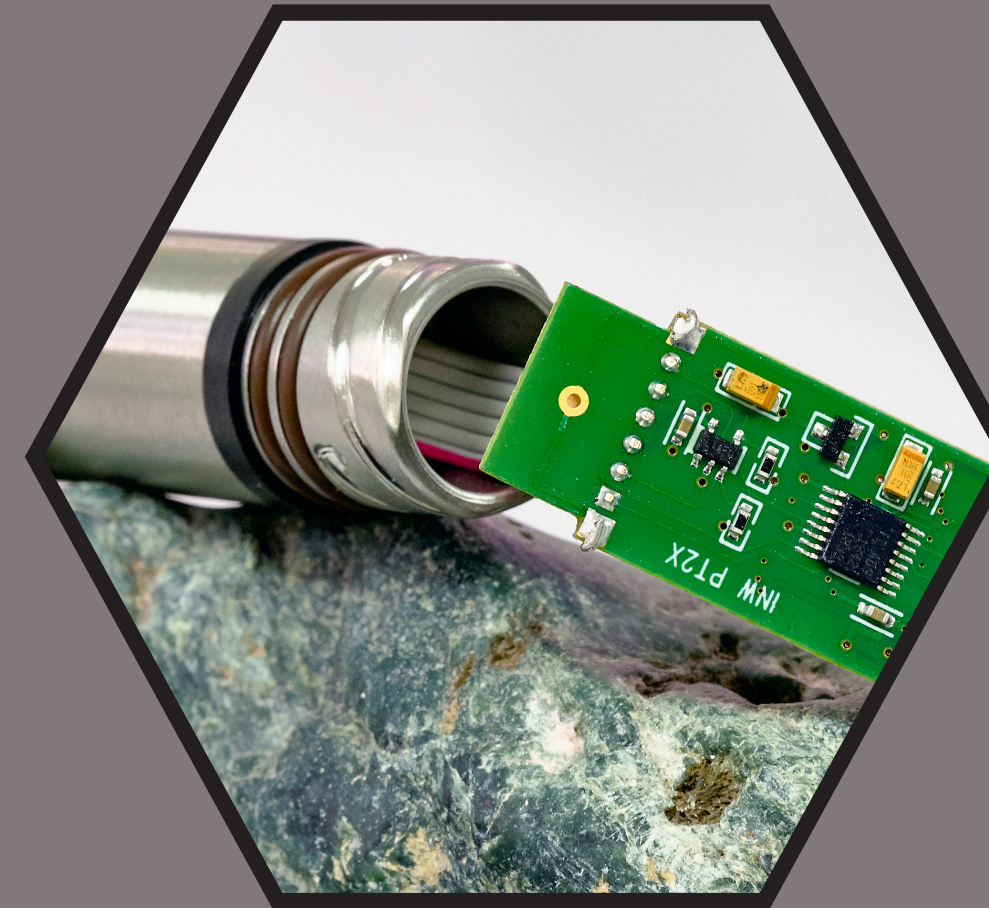
Swaged, stainless or full titanium bodies for:

- o Resilience
- o Corrosion resistance
- o Capacity to withstand very high pressures
- o Leak proof to 500 metres submergence
- o Double “O” ring for reliability

Our Smart Sensors are engineered for the most rigorous of site conditions to comprehensively: record data, control system operations, communicate with networked devices and measure at flexible intervals.

Smart Software

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Up to date **electronics** for:

- o High Accuracy
- o Large memory
 - o More than 500,000 data sets
 - o Measurements as low as 0.125 second
- o Low power requirements
- o SDI-12 or Modbus communication

New generation **software**

- o Windows 7/10
- o Mac oSX
- o Linux
- o iOS (in development)
- o Android (in development)

Seametrics Smart Sensors

There are circumstances when a higher level of accuracy, stability and resilience of equipment used in water measurements needs to be higher than that afforded by lower end and often cheaper measuring devices.

These might include:

- Academic Research Projects
- Studies concerning Global Warming
- Surface Water Level Measurements in lakes, rivers and streams
- Projects involving salt water intrusion through low flowing water courses
- Coastal Water Research
- Data critical projects



When data is critical and requires to be of the highest accuracy and dependability Seametrics Smart Sensors can supply the necessary solution.



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