




## Nitrate sensor

Based on advanced lab-on-chip technology, this miniaturised microfluidic nitrate sensor performs lab-grade measurements in all liquid water environments. It can also be configured to measure just nitrite.



-  High performance - Sensitive wet-chemical analysis
-  High-resolution data - every 5 minutes (15 minutes when calibrated)
-  User friendly - Easily swappable reagents
-  Long endurance - Over 1000 readings per reagent canister
-  No drift - Onboard calibration and standardisation
-  Environmentally friendly - Contained onboard waste storage
-  Deep sea - Deployable to 6000 m depth

### Specifications

Temperature range:	0-35 °C	Sample volume:	0.6 mL	Applications: rivers/estuarine monitoring, aquaculture, ocean science, autonomous vehicles, wastewater monitoring
Power consumption:	1.8 W	Max depth:	6000 m	
Range:	0-1000 µM	Comms:	USB/serial	
Limit of Detection:	0.025 µM	Total height:	56 cm	