








# pH sensor

Based on advanced lab-on-chip technology, this precision spectrophotometric pH sensor performs highly accurate and stable pH measurements from coastal surface waters to the bottom of the ocean.



-  High performance - Sensitive wet-chemical analysis
-  High-resolution data - up to every 8 minutes
-  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: 1-28 °C \*  
 Power consumption: 1.8 W  
 Range: 7.5 - 8.5  
 Precision: <0.001

Combined uncertainty: 0.006  
 Max depth: 6000 m  
 Comms: USB/serial  
 Total height: 56 cm

Applications: ocean acidification studies, coastal monitoring, ocean science

\*8-35 °C version on request