








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 7 minutes
-  User friendly - Easily swappable reagents
-  Long endurance - Thousands of 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
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