

ProbeGuard

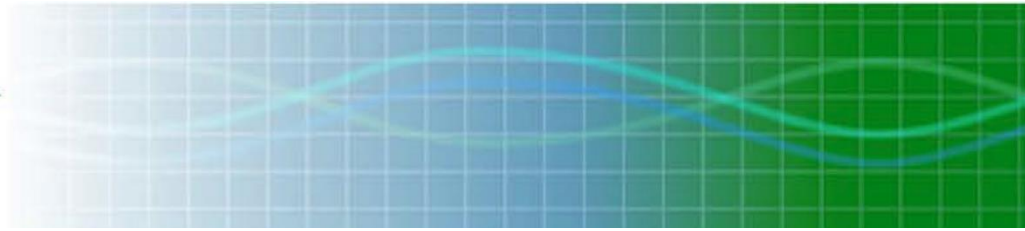
Clean Sensors and Clean Data

ProbeGuard prevents biofouling on various sensors by protecting them in a closeable sampling chamber and periodically bathing them in a dilute chlorine solution. Data is collected after the sampling chamber has been thoroughly flushed with a high efficiency propeller.

Collect your instruments months after the deployment and the data is as clean as the sensors!

- ✓ No more scrubbing delicate sensors
- ✓ No more painting sensors with anti-fouling paint
- ✓ No more tedious copper tape
- ✓ No more wipers
- ✓ No more questions about data quality





Photos taken after 10 weeks in a Florida harbor. Notice the intense biofouling on the ProbeGuard electronics case (A), but the sensors are perfectly clean (B). Even the areas between the probes and the interior of the conductivity cell are pristine (C).

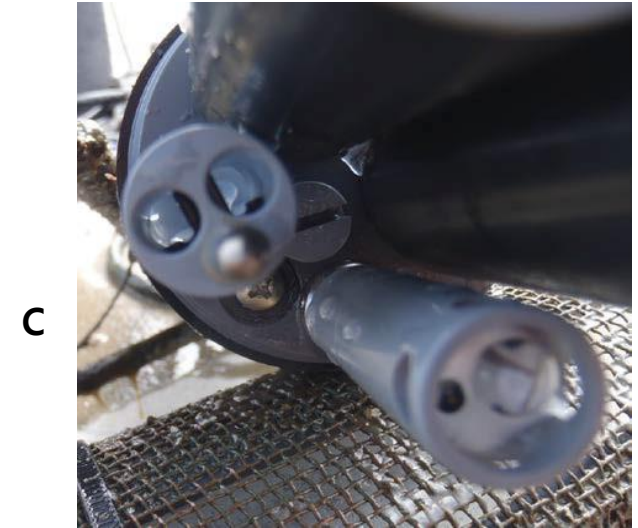
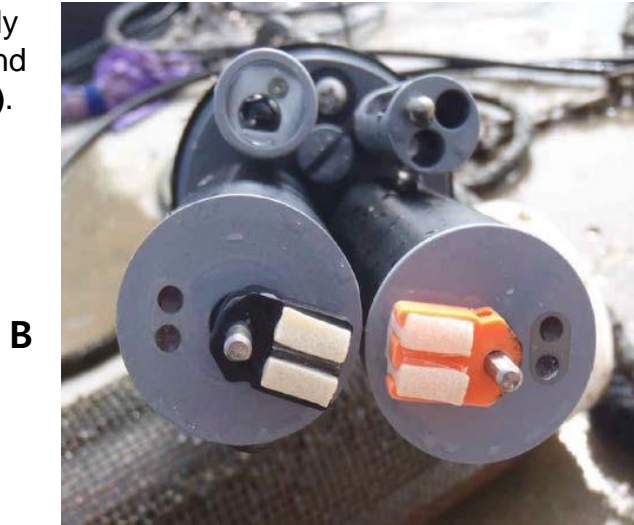


Photo (D) and data (E) from a 10 week deployment in a Chesapeake Bay tributary. Comparison sonde protected by traditional anti-fouling methods (upper-right) and a sonde protected by ProbeGuard (lower-left). Dissolved oxygen data plots collected from ProbeGuard sonde (green) and comparison sonde (blue). The divergence in the data sets correlates with the onset of fouling to the comparison sonde.

