

ProbeGuard

Clean Sensors and Clean Data

ProbeGuard prevents biofouling on various sensors by protecting them in a closeable sampling chamber and by 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!

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



**Many different instruments....
ONE comprehensive biofouling solution**

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**).



A



B

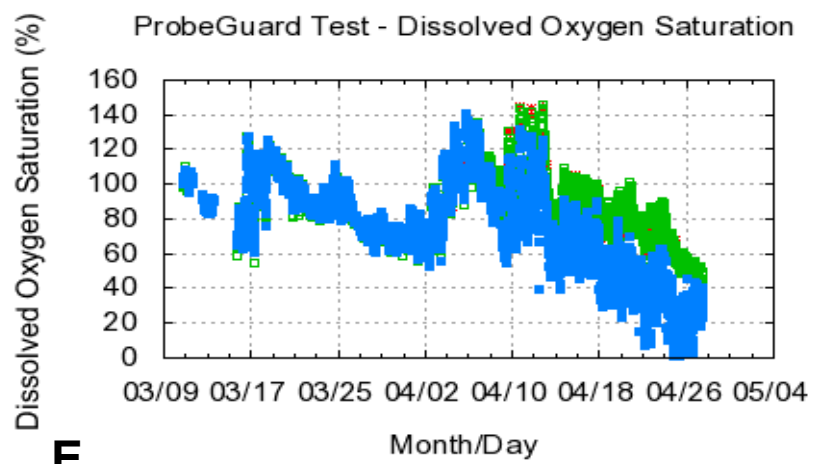


C

Photo and data 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) D). Dissolved oxygen data plots collected from **ProbeGuard sonde (green)** and **comparison sonde (blue)** E). The divergence in the data sets correlates with the onset of fouling to the comparison sonde.



D



E

Please contact Green Eyes for any ProbeGuard questions or to see more results.