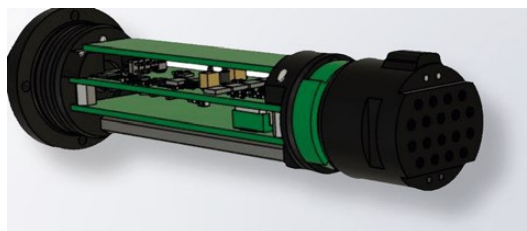




# ANB Sensors



**Figure 1.** ANB Sensors. Model OC300 rated to 300 m (top) and model OC1250 m rated to 1250 m (bottom).



**Figure 2.** The IKIT allows for the integration of AQ or OC sensors to sensing platforms of sonde systems.

ASL is pleased to announce that we have entered into a product sales agreement with ANB Sensors of Cambridge United Kingdom. ANB Sensors have developed a next generation **calibration-free**, solid-state, multi-parameter pH, conductivity and temperature sensor. Unlike other pH sensors that require frequent re-calibration, the ANB sensors uses a patented technology that automatically carries out in-situ calibrations throughout the deployment. These sensors can be deployed individually or integrated into underwater vehicles, sondes or monitoring platforms using the optional dedicated integration kit. There are four available options for operating at 5 m, 50 m, 300 m or 1250 m depths (Figure 1). They are suitable for freshwater, saltwater and aquaculture applications and are designed to electrochemically inhibit the formation of biofilms. Power can be supplied from any sensing platform or the sensors can be equipped with a Li-Ion rechargeable battery unit and will log data to internal memory. The optional flow adapter allows for easy inline measurement applications. Also available is the integration kit (IKIT) which provides a bare board PCB assembly to allow for the integration of the ANB sensors within the sensing platform or sonde system (Figure 2).

The specifications of the ANB sensors are as follows.

- Ph range:** 2 - 10
- Resolution:** 0.01 pH
- Accuracy:** +/- 0.05 pH
- Response:** Instantaneous
- Salinity:** 0 - 40 ppt
- Temperature Resolution:** 0.1C
- Operational Temperature:** -5 to 40°C
- Communications:** RS232 / RS485 / USB
- Power:** 5 - 42 VDC/ Li-Ion battery
- Power Consumption:** 90 mA

For more information on these sensors or other products and services partnerships, please contact James Bartlett ([jbartlett@aslenv.com](mailto:jbartlett@aslenv.com))

