

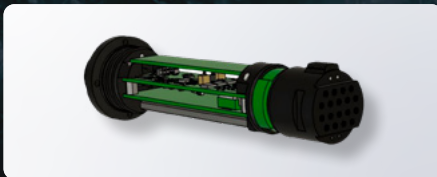
**(••) ANB Sensors**

# Next generation, **calibration-free** **pH sensor** accessories

ANB Sensors, a leading UK scientific technology company have developed ground-breaking solid-state sensors for pH, conductivity & temperature. These innovative and revolutionary sensors, require NO calibration, operate to depths of up to 1250 metres in any orientation in fresh or saltwater environments. Uniquely they can be stored wet or dry, require simple maintenance, and are extremely rugged. Further, they have exceptionally low on-going costs ideally suited for long term, cost effective, remote monitoring in harsh and demanding environments. Thus, removing the fundamental issues seen with the conventional, fragile glass electrodes which require frequent manual calibration.

These intelligent and easy to use, calibration-free sensors, are ideally suited for use in any sensing platform in freshwater, saltwater and aquaculture applications. 4 models are available for operating at different depths and applications and are supported by a range of accessories.

**IKIT:** Integration kit, supplied as bare board pcb assembly and unhoused transducer, allows for integration of AQ & OC range of sensors into 3rd party equipment such as bespoke / specific housing requirement, integrated within submersible and sonde systems. See AQ or OC Sensors data sheet for full specification.



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**DTU:** Data transfer unit, connects to the sensor via SubConn cable and allows direct connection of PC communicating via USB port. Supplied with or without SubConn cable. PC requires a simple terminal program such as TeraTerm, free open-source software available from [teraterm.org](http://teraterm.org)

- 5V DC in via USB2.0
- 5V DC o/p to AQ / OC sensor via 6 pin SubConn DIN connector
- RS232 comms to AQ / OC sensor via 6 pin SubConn DIN connector, max distance 5m

**AQOC\_FC:** Flow cup adapter, allows insertion of AQ or OC range of sensors, fixed directly into water flow

**CABxxm:** SubConn fully submersible cable available in various lengths, supplied with SubConn connector and pig tail

## COMPATIBILITY MATRIX

Model	Measurements			Depth Rating				Supplied as standard		Extra Accessories													
										Transducers				Data Transfer Unit			Flow cup	Cables					
	pH	Conductivity	Temperature	5m	50m	300m	1250m	1m connection cable	DTU Data Transfer Unit	AQ5ST	AQ50ST	OC300ST	OC1250ST	AQ5 DTU	DTU_0.6m	DTU_5.0m	AQOC_FC	CAB0.6m	CAB5m	CAB10m	CAB30m	CAB50m	
AQ5	•	•	•	•				•		•				•			•						
AQ50	•	•	•	•	•						•				•	•	•	•	•	•	•	•	•
OC300	•	•	•	•	•	•			•		•				•	•	•	•	•	•	•	•	•
OC1250	•	•	•	•	•	•	•		•			•			•	•		•					•
IKIT	•	•	•	•	•	•	•			•	•	•	•										•