

Profiling floats are providing unprecedented sampling of the global oceans through the international Argo program and other global programs. Sea-Bird Scientific's family of float products for measuring biogeochemical properties, in addition to CTD measurements. Navis BGCi offers an integrated data stream for all sensors on the float.

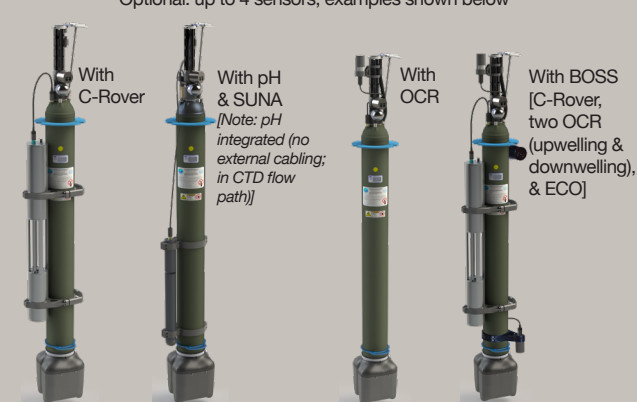
Custom solutions are available for other applications, in consultation with Sea-Bird Scientific's R&D team.



Sea-Bird Electronics CTD:

SBE 41/41CP - for deployment on Argo floats	Standard	Standard	
SBE 41N - integrated data stream for all sensors on float, continuous profiling from 2000 m			Standard

Other Sensors:

SBE 63 Optical Dissolved Oxygen		Standard, integrated (no external cabling; in CTD flow path)	Standard, integrated (no external cabling; in CTD flow path)
MCOMS (chlorophyll a, backscattering, CDOM or chlorophyll a, 2 backscattering channels)			Standard, integrated (no external cabling)
Float pH			Optional: up to 4 sensors; examples shown below
ECO: FLBB (chlorophyll a, backscattering), FLBB2 (chlorophyll a, 2 backscattering channels), or FLBB2CD (chlorophyll a, backscattering, CDOM)			 <p>With C-Rover</p> <p>With pH & SUNA [Note: pH integrated (no external cabling; in CTD flow path)]</p> <p>With OCR</p> <p>With BOSS [C-Rover, two OCR (upwelling & downwelling), & ECO]</p>
C-Rover 2000 (transmissometer)			
Deep SUNA (nitrate)			
OCR 504 (4-channel radiometer) - upwelling or downwelling			

Hull: Aluminum, 2000 m depth			
Communications / Telemetry: Iridium continuous circuit switch, 2-way communications	Standard	Standard	Standard
Controller: N-1			
Batteries: Lithium			
Deployment Length:	Profiling every 10 days for 2000 m: 300 profiles (8.2 years)	Variable, depending on mission	Variable, depending on mission
Warranty:	100 profiles at 100% of purchase price, prorated thereafter	Variable, depending on mission	Variable, depending on mission