


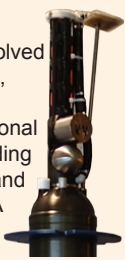




# Profiling Float Product Guide



Profiling floats are providing unprecedented sampling of the global oceans through the international Argo program and other global programs. The Sea-Bird Scientific group of companies (Sea-Bird Electronics, WET Labs, and Satlantic) has created a family of float products for measuring biogeochemical properties, in addition to the more traditional CTD measurements. And, the new Navis BGCi offers an integrated data stream for all sensors on the float.

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

	<b>Navis Argo Mission Float</b>  CTD for traditional Argo mission	<b>Navis with Optical Dissolved Oxygen</b>  CTD and integrated dissolved oxygen	<b>Navis BGC</b>  CTD and integrated dissolved oxygen, plus bolt-on sensor with combination of chlorophyll a, backscattering, CDOM	<b>Navis BGCi</b>  CTD, integrated dissolved oxygen, chlorophyll a, backscattering, and CDOM, plus one optional bolt-on sensor (including WET Labs C-Rover and Satlantic Deep SUNA and OCR-504)
<b>Hull:</b> Aluminum, 2000 m depth <b>Communications / Telemetry:</b> Iridium continuous circuit switch, 2-way communications <b>Controller:</b> N-1 <b>Batteries:</b> Lithium	Standard	Standard	Standard	Standard
<b>Deployment Length:</b>	Profiling every 10 days for 2000 m: 300 profiles (8.2 years)	Variable, depending on mission	Variable, depending on mission	Variable, depending on mission
<b>Sea-Bird Electronics CTD:</b>				
SBE 41/41CP - on more than 90% of deployed Argo floats	Standard	Standard	Standard	
SBE 41N - integrated data stream for all sensors on float, and continuous profiling from 2000 m				Standard
<b>Other Sensors:</b>				
Sea-Bird Electronics SBE 63 Optical Dissolved Oxygen		Standard, integrated (no external cabling; in CTD flow path)	Standard, integrated (no external cabling; in CTD flow path)	Standard, integrated (no external cabling; in CTD flow path)
WET Labs ECO: FLBB (chlorophyll a, backscattering), FLBB2 (chlorophyll a, 2 backscattering channels), or FLBB2CD (chlorophyll a, backscattering, CDOM)			Standard, bolt-on	
WET Labs MCOMS (chlorophyll a, backscattering, CDOM)				Standard, integrated (no external cabling)
WET Labs C-Rover 2000 (transmissometer)				Optional, bolt-on 
Satlantic Deep SUNA (nitrate)				
Satlantic OCR 504 (4-channel radiometer)				With WET Labs C-Rover 2000 With Satlantic Deep SUNA
Other				Consult Sea-Bird
<b>Warranty:</b>	100 profiles at 100% of purchase price, prorated thereafter	Variable, depending on mission	Variable, depending on mission	Variable, depending on mission



<http://Navis.Sea-BirdScientific.com>  
 Email: [info@Sea-BirdScientific.com](mailto:info@Sea-BirdScientific.com)

