



SUNA Submersible Underwater Nutrient Analyzer, Freshwater, 1692 cm³, RS232, Analog, SDI12, USB, Biofouling Guard

Product #: SUNA.02101S
USD Price: \$34,780.00

Industry-leading sensor for nitrate measurement

The SUNA V2 UV nitrate sensor is the ultimate solution for real-time nutrient monitoring. This sensor measures nitrate over a wide range of environmental conditions, from blue-ocean nitraclines to storm runoff in rivers and streams.

Full UV spectrum range for maximum accuracy

Real-time nitrate calculation

SUNA V2 (2k) option for floats, gliders, and other AUVs

Depth rating of 2000 m for deep ocean applications

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Specifications

Accuracy:	2 µM
Anti-fouling:	Biofouling guard
Calibration type:	Freshwater
Current Draw:	625 mA @ 12 V
Data Storage:	N/A
Depth Rating:	1640.42 ft (500 m)
Displacement:	1692 cm ³
Input Voltage:	8 – 18 VDC
Kit Option:	Yes
Lamp Lifetime:	900 hr
Lamp Type:	Deuterium
Path Length:	0.39 in (10 mm)
Precision:	0.3 µM
Storage and Communication Options:	USB
Telemetry Selections:	RS-232, analog (0-5 VDC), SDI-12

Wavelength Range:	190–370 nm
Weight in air, water:	8.6 lbs (3.9 kg)