



SUNA Submersible Underwater Nutrient Analyzer, Freshwater, 1692 cm³, RS232, Analog, SDI12, USB 2GB, Biofouling Guard

Product #: SUNA.02111S
USD Price: \$35,850.00

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

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|------------------------------------|----------------------------------|
| Accuracy: | 2 µM |
| Anti-fouling: | Biofouling guard |
| Calibration type: | Freshwater |
| Current Draw: | 625 mA @ 12 V |
| Data Storage: | 2 GB |
| 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 2GB |
| Telemetry Selections: | RS-232, analog (0-5 VDC), SDI-12 |

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