



## **SUNA Submersible Underwater Nutrient Analyzer, Seawater, 2077 cm<sup>3</sup>, RS232, Analog, SDI12, USB**

**Product #:** SUNA.01112S

**USD Price:** \$38,510.00

### **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:                      | No                               |
| Calibration type:                  | Seawater                         |
| Current Draw:                      | 625 mA @ 12 V                    |
| Data Storage:                      | 2 GB                             |
| Depth Rating:                      | 328.08 ft (100 m)                |
| Displacement:                      | 2077 cm <sup>3</sup>             |
| Input Voltage:                     | 8 – 15 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: | 10.6 lbs (4.8 kg) |