



## Submersible Underwater Nutrient Analyzer (SUNA) (Deep)

**Product #:** DEEPSUNA.021S

**USD Price:** Contact Sea-Bird

### 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 temperature and salinity compensation**

**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 $\mu$ M
Anti-fouling:	No
Calibration type:	Seawater
Current Draw:	625 mA @ 12 V
Data Storage:	N/A
Depth Rating:	2000 m
Displacement:	1384 cm <sup>3</sup>
Input Voltage:	8 – 18 VDC
Lamp Lifetime:	900 hr
Lamp Type:	Deuterium
Path Length:	10 mm
Precision:	0.3 $\mu$ M
Wavelength Range:	190–370 nm
Weight in air, water:	1.8 kg