SBE 63 Optical Dissolved Oxygen Sensor

Product #:	**SBE63OPTICALDISSOLVEDOXYGENSENSOR**
USD Price:	Contact Sea-Bird

The SBE 63 is an individually calibrated, high-accuracy, optical oxygen sensor to assist in critical hypoxia and ocean stoichiometric oxygen chemistry research on a variety of moored and float-based platforms. Careful choices of materials and geometry are combined with superior electronics and calibration methodology to yield significant gains in performance.

The SBE 63 is designed for use in a CTD's pumped flow path, providing optimal correlation with CTD measurements. The elapsed time between the CTD and associated oxygen measurement is easily quantified, and corrected for, in post-processing. The plumbing's black tubing blocks light, reducing in-situ algal growth.

FEATURES

• 1 Hz sampling speed, RS-232 output.

• Each sensor fully and individually calibrated (valid for 0 - 450 µmol/kg oxygen, 0 - 30 °C, 0 - 35 psu, 0 - 2000 dbars).

• For use in CTD pumped flow path, optimizing correlation with CTD measurements.

• 600 or 7000 m housing.

• Configurations:

• - With optional sensor mount for use on CTD RS-232 auxiliary sensor channel, or

• - Integrated with SBE 37 MicroCAT CTD, Sea-Bird Navis float CTD, or SBE 41 Argo float CTD.

• Five-year limited warranty.