



## 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  $\mu\text{mol/kg}$  oxygen, 0 - 30  $^{\circ}\text{C}$ , 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.