



SBE 43 Dissolved Oxygen Sensor

Product #:

SBE43DISSOLVEDOXYGENSENSOR

USD Price:

Contact Sea-Bird

The SBE 43 and SBE 43F are individually calibrated, high-accuracy oxygen sensor to assist in critical hypoxia and ocean stoichiometric oxygen chemistry research on a variety of profiling and moored platforms. Careful choices of materials, geometry, and sensor chemistry are combined with superior electronics and calibration methodology to yield significant gains in performance.

The SBE 43 is designed for use in a CTD's pumped flow path, providing optimal correlation with CTD measurements. The SBE 43F frequency output sensor can be integrated with SBE 52-MP or Glider Payload CTD, or used for OEM applications (requires OEM circuit board).

Elapsed time between the CTD and associated oxygen measurement is easily quantified, and corrected for, in post-processing. The black plenum and plumbing's black tubing blocks light, reducing in-situ algal growth. Plumbing isolates the SBE 43 from continuous exposure to the external environment, allowing trapped water to go anoxic and minimizing electrolyte consumption between samples for moored deployments.