



ECO Scattering Sensor

Product #:

ECOSCATTERINGSENSOR

USD Price:

Contact Sea-Bird

The Environmental Characterization Optics (ECO) line of scattering sensors provides both high resolution and wide measurement ranges using 14-bit digital processing. This optical sensor is available for measurements of backscattering or turbidity at 700 nm. ECOs feature an optional active anti-fouling Bio-wiper™ and internal batteries for long-term deployments, as well as a 6,000 m depth rating.

Specifications

Backscattering Range:	0–3 m ⁻¹ , 0–5 m ⁻¹
Backscattering Sensitivity:	0.003 m ⁻¹
Backscattering Wavelength:	700 nm
Depth Rating:	300–6,000 m
Input Voltage:	7–15 VDC
Internal Batteries:	optional
Internal Memory:	optional
Wiper:	optional