



ac-s Spectral Absorption and Attenuation Sensor

Product #:

AC-

SSPECTRALABSORPTION&ATTENUATION

USD Price:

Contact Sea-Bird

In-situ spectrophotometer

Based on the venerable ac-9, the ac-s offers almost an order of magnitude increase in spectral resolution of in-situ absorption and beam attenuation. The 4 nm resolution allows for spectral "fingerprinting" and deconvolution analysis.

- <bulletarrow/> Approximately 80 wavelength outputs
- <bulletarrow/> High resolution
- <bulletarrow/> Field-proven flow-through system

~ 80 wavelength outputs

Outputs from 400 to 700 nm

High resolution

4 nm output

Field-proven flow-through system

Titanium construction for 5000 m depth rating

Specifications

Accuracy:	$\pm 0.01 \text{ m}^{-1}$
Current Draw:	0.83 A @ 12 V nominal
Depth Rating:	500, 5000 m
Input Voltage:	10-35 VDC
Internal Batteries:	no
Path Length:	10 or 25 cm
Sample Rate:	4 scan/sec., nominal
Wavelength Range:	400-730 nm
Wiper:	no