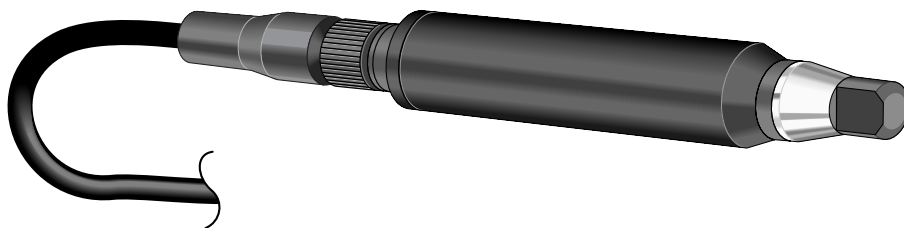

Turbidity Monitor

Model OBS-3

The OBS-3 Turbidity Monitor is a submersible probe manufactured by D & A Instrument Company. It uses a backscatter method to measure turbidity for the range of 0 to 4000 FTU. Our dataloggers require a voltage clamp that reduces the voltage output to 5 V for the CR1000 and CR23X, or 2.5 V for the CR10(X) and CR510. The standard calibration is included, and a three-point calibration is available upon request. The OBS-3 is compatible with our CR510, CR10(X), CR1000, and CR23X dataloggers.



Ordering Information

OBS-3-L

OBS-3 Turbidity Monitor. Enter lead length, in feet, after L.

Specifications

Non-linearity of turbidity:	2% (formazin, 0 to 2000 FTU)
Drift:	<5% per year
Settling time:	<1 second
Output impedance:	<300 Ohms
Input voltage:	9 to 16 Vdc
Typical current drain:	14 mA
Maximum depth:	500 m (1640.5 ft)
Infrared wavelength:	875 nm
Dimensions:	1.2" (3 cm) diameter, 7.1" (18 cm) length
Weight:	0.4 lbs (181.4 g)



CAMPBELL SCIENTIFIC, INC.

815 W. 1800 N. • Logan, Utah 84321-1784 • (435) 753-2342 • FAX (435) 750-9540
Offices also located in: Australia • Brazil • Canada • England • France • South Africa • Spain

Copyright © 2003, 2004
Campbell Scientific, Inc.
Printed November 2004