



Coastal's MacroLite

Description:	Coastal's MacroLite monitors and records turbidity and suspended solids concentrations using the proven D&A OBS-3 Turbidity Monitor.
Capacity:	200K standard Optional (Compact Flash Cards): 8MB, 16MB, etc.
Housing:	Diameter – 5.5 in. Length – 14 in. (including handle) Weight – 15 lbs. in air Material – Stainless steel and UHMW plastic housing
Power:	User replaceable standard alkaline D cells
Interface:	Wizard IBM PC compatible software ASCII data files in engineering units User controlled sampling parameters and sensor functions
Clock:	Solid state real time, accuracy one minute per year
Standard:	Turbidity – D&A OBS-3 Turbidity Monitor Temperature, Internal – YSI Thermister
Optional:	Additional Turbidity Sensors – D&A OBS-3 Turbid. Mon. Turbidity – WET Labs LSS Light Scattering Sensor Turbidity – WET Labs Transmissometer



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D&A Instruments OBS-3 Sensor

Function	Sensor (*optional)	Range	Accuracy	Resolution	Units
Turbidity	D&A OBS-3	2000 typical	2%	12 bit	NTU
Temperature	Internal YSI Thermister	-5° to 35°	0.1°	.02 typ	°C
Turbidity	*Wet Labs LSS	5-15	-	12 bit	NTU
Turbidity	*Wet Labs Transmissometer	0-100	+0.5%	0.024%	% transmission