

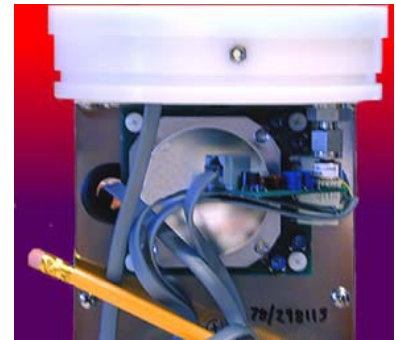


Coastal's MacroTilt

Description:	Coastal's MacroTilt monitors and records angle measurements with a dual axis tilt Schaevitz Accustar II Clinometer.
Capacity:	200K standard Optional (Compact Flash Cards): 8MB, 16MB, etc.
Housing:	Diameter – 5.5 in. Length – 15 in. (including handle) Weight – 17 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:	Tilt – Schaevitz/Lucas Accustar II Temperature, Internal – YSI Thermister
Optional:	Heading & Tilt – FSI Ostar Compass Pressure, Standard – ICS Strain Gauge



Coastal MacroTilt
w/ pressure



Accustar II Clinometer
w/ pressure sensor

Function	Sensor (*optional)	Range	Accuracy	Resolution	Units
Tilt	Schaevitz Accustar II, Dual Axis	+/- 20°	0.2° typ	.006	degrees
Temperature	Internal YSI Thermister	-5° to 35°	0.1°	.02 typ	°C
Heading & Tilt	*FSI Ostar Compass	0°-360°	2°	.09	deg. mag.
Pressure, Standard	*IC Sensors Strain Gauge, piezoresistive	30, 50, 100, 250	0.1%	12 bit	psia