

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