



# Coastal's MacroTemp

- Description:** Coastal's MacroTemp measures and records temperature internally, externally, or with a molded thermister chain for temperature profiling.
- Capacity:** 32MB standard  
Optional (Compact Flash Cards): 32MB, 48MB, 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:** **Multi-level Thermister Chain** – YSI Thermister
- Optional:** **Pressure, Standard** – ICS Strain Gauge  
**Pressure, High Precision** – Paroscientific Digiquartz



Coastal MacroTemp w/  
thermister chain

Function	Sensor (*optional)	Range	Accuracy	Resolution	Units
Temperature	Molded YSI Thermister Chain	-5° to 35°	0.1°	.02 typ	°C
Pressure, Standard	*IC Sensors Strain Gauge, piezoresistive	30, 50, 100, 250	0.1%	12 bit	psia
Pressure, High Precision	*Paroscientific Digiquartz	900<	0.015%	16 bit	psia