

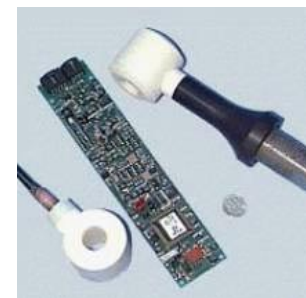


# Coastal's MacroCTDs

- Description:** Coastal's MacroCTDs and MacroCTDs+ are the ideal instruments to monitor and record conductivity, temperature, and depth for salinity and speed of sound calculations.
- Capacity:** 200K standard  
Optional (Compact Flash Cards): 8MB, 16MB, etc.
- Housing:** **Diameter** – 5.5 in.  
**Length** – 19.5 in. (including handle)  
**Weight** – 18 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:** **Conductivity, Inductive** – Falmouth Scientific C-T Sensor  
**Pressure, Standard** – ICS Strain Gauge  
**Temperature, External** – YSI Thermister
- Optional:** **Conductivity, High Precision** - Seabird SBE-4  
**Standard for MacroCTDs+** **Pressure, High Precision** - Paroscientific Digiquartz  
**Temperature, High Precision** - Seabird SBE-3



Coastal MacroCTDs



FSI C-T Sensor

Function	Sensor (*optional)	Range	Accuracy	Resolution	Units
<b>Conductivity, Inductive</b>	FSI OEM CT Sensor	0->64	0.025	0.018	mmho/cm
<b>Pressure, Standard</b>	IC Sensors Strain Gauge, piezoresistive	30, 50, 100, 250	0.1%	12 bit	psia
<b>Temperature</b>	YSI Ext. Bulkhead Thermister	-5° to 35°	0.1°	.02 typ	°C
<b>Conductivity, High Precision</b>	*SeaBird SBE-4 Conductivity Sensor	0-70	0.003	0.001	mmho/cm
<b>Pressure, High Precision</b>	*Paroscientific Digiquartz	900<	0.015%	16 bit	psia
<b>Temperature, High Precision</b>	*SeaBird SBE-3 Temperature	-5° to 35°	.004°	16 bit	°C