



# Coastal's MacroWave

<b>Description:</b>	Coastal's MacroWave and MacroWave+ record wave height and water level with the option of Spectral Wave Analysis.
<b>Capacity:</b>	16MB standard Optional (Compact Flash Cards): 32MB, 64MB, etc.
<b>Housing:</b>	<b>Diameter</b> – 5.5 in. <b>Length</b> – 14 in. (including handle) <b>Weight</b> – 15 lbs. in air <b>Material</b> – Stainless steel and UHMW plastic housing MacroWave+ length is 15.5 in., weight is 17 lbs. in air
<b>Power:</b>	User replaceable standard alkaline D cells
<b>Interface:</b>	Wizard IBM PC compatible software ASCII data files in engineering units User controlled sampling parameters and sensor functions <b>Optional PCWave</b> non directional wave spectral software
<b>Clock:</b>	Solid state real time, accuracy one minute per year
<b>Standard:</b>	<b>Pressure, Standard</b> – ICS Strain Gauge <b>Temperature, Internal</b> – YSI Thermister
<b>Optional:</b> Standard, MacroWave+	<b>Pressure, High Precision</b> – Paroscientific Digiquartz
<b>Optional:</b>	<b>Temperature, External</b> – YSI Thermister <b>Additional External Pressure</b> – ICS Strain Gauge



Coastal MacroWave  
Exterior(above), Interior(below)



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