

EC210 Compact Conductivity/TDS Meter



Compact handheld Conductivity Meter with long life carbon rod combination electrode measures Conductivity, TDS and Temperature. Units of measure include $\mu\text{S}/\text{cm}$, mS/cm , ppm , $^{\circ}\text{F}$, and $^{\circ}\text{C}$. The meter features three ranges for Conductivity and TDS plus adjustable Temperature compensation factor to maintain accuracy.

Applications:

- Wastewater and drinking water analysis
- Environmental tests to determine the health of ponds, streams, wells, and other bodies of water
- Manufacturing processes such as component or PCB rinsing



Features

- Simultaneous display of Conductivity or TDS with Temperature
- Automatic Temperature Compensation
- Temperature compensation factor adjustable between 0 to 5.0% per $^{\circ}\text{C}$
- Min/Max and Data Hold functions
- Auto Power Off with disable feature
- Use optional 1413 μS Conductivity Standard (EC-1413-P) for calibration
- Complete with Conductivity cell and 39" (1m) cable, 9V battery, and soft case

Specifications	Ranges	Max Resolution	Basic Accuracy
Conductivity	2000 $\mu\text{S}/\text{cm}$	1 $\mu\text{S}/\text{cm}$	$\pm 2\%$ FS
	20 mS/cm	0.01 mS/cm	
	100 mS/cm	0.1 mS/cm	
TDS	1200ppm	1ppm	$\pm 2\%$ FS
	12,000ppm	10ppm	
	66,000ppm	100ppm	
Temperature	32 to 122 $^{\circ}\text{F}$ (0 to 50 $^{\circ}\text{C}$)	0.1 $^{\circ}\text{F}/^{\circ}\text{C}$	$\pm 1.5^{\circ}\text{F}/0.8^{\circ}\text{C}$
Dimensions	Meter: 5.3 x 2.4 x 1.3" (135 x 60 x 33mm); Probe: 0.9" (22mm)D x 4.7" (120mm)L		
Weight	10.4oz (295g) includes probe and battery		

Ordering

- EC210 Conductivity/TDS Meter
 EC-1413-P 1413 μS Conductivity Standard (2 bottles - 1 pint each)