

Conductivity Meters



Model	EC210	EC220
	EC/TDS/Res/Sal/Temp (°C/°F)	
Conductivity Range	..µS/cm to 200.0 mS/cm (k=1.0)	
Resolution	0.05% full scale	
Accuracy	±0.6% full scale, ±1.5% full scale > 18.0 mS/cm	
Reference Temperature	15 to 30 °C	
Temperature Coefficient	0.00 to 10.00%	
Cell Constants	0.1, 1.0, 10.0	
Calibration Points	Up to 4 (Auto) / Up to 5 (Manual)	
Units	S/cm, S/m (Auto Ranging)	
Total Dissolved Solids (TDS) Range	..ppm to 100 ppt (TDS factor=0.5)	
Resolution	0.01 ppm (mg/L) / 0.1 ppt (g/L)	
Accuracy	±0.1% full scale	
TDS Curves	Linear (0.40 to 1.00), EN27888, 442, NaCl	
Resistivity Range	0.000 Ω•cm to 20.0 MΩ•cm	
Resolution	0.05% full scale	
Accuracy	±0.6% full scale, ±1.5% full scale > 1.80 MΩ•cm	
Salinity Range	0.0 to 100.0 ppt / 0.00 to 10.00 %	
Resolution	0.1 ppt / 0.01%	
Accuracy	±0.2% full scale	
Salinity Curves	NaCl, Seawater	
Calibration Option	Yes	
Temperature Range	-30.0 to 130.0 °C / -22.0 to 266.0 °F	
Resolution	0.1 °C / °F	
Accuracy	± 0.5 °C / ± 0.9 °F	
Calibration Option	Yes	
Memory	500	1000
Auto Data Log	●	●
Real-time Clock	—	●
Date & Time Stamp	—	●
Auto Hold / Auto Stable/ Real Time	●	●
Auto Shut-Off (1 to 30 mins.)	●	●
Electrode Status	●	●
Diagnostic Messages	●	●
Software Upgrade ¹	●	●
PC Communication ¹	—	●
Printer Communication ²	—	●
Meter Inputs	BNC, phono	
Display	Custom LCD with backlight	
Housing	IP67, shock & scratch resistant, non-slip	
Power Requirement	2 x AA batteries	
Battery Life	> 500 hours	
Meter Dimensions	160 (L) x 80 (W) x 40.60 (H) mm	
Meter Weight	Approx. 260 g (with batteries) / 216 g (without batteries)	
Meter Kit	EC210-K Waterproof EC/TDS/Res/Sal/Temp Handheld Meter Kit (3200779528) <ul style="list-style-type: none"> • EC210 Meter • 9383-10D Ti/Pt Conductivity electrode (k=1.0) • 84 µS/cm, 1413 µS/cm, 12.88 mS/cm, & 111.8 mS/cm Conductivity standards (60 ml each) • 2 x AA Batteries • Carrying case • Manual & Quick Guide 	EC220-K Waterproof EC/TDS/Res/Sal/Temp Handheld Meter Kit (3200779529) <ul style="list-style-type: none"> • EC220 Meter • 9383-10D Ti/Pt Conductivity electrode (k=1.0) • 84 µS/cm, 1413 µS/cm, 12.88 mS/cm, & 111.8 mS/cm Conductivity standards (60 ml each) • 2 x AA Batteries • Carrying case • Manual & Quick Guide

¹Via PC (USB) cable PN 3200779639

²Via Printer (RS232) cable PN 3200779638