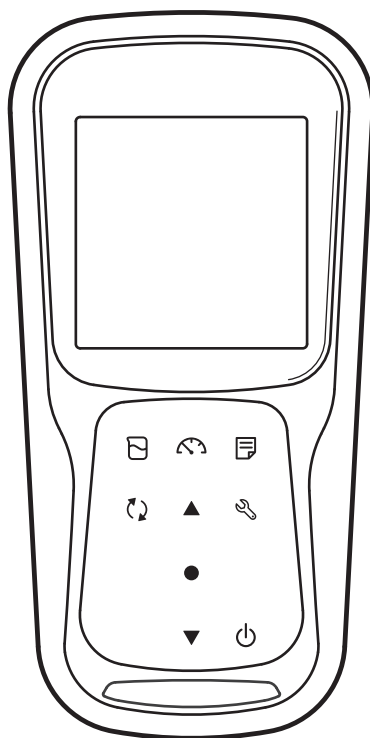


ENVIRONMENTAL EXPRESS
oakton

pH/ORP/CONDUCTIVITY METER

PC250

PC260



Specifications

Model	PC250	PC260
	pH/ORP/EC/TDS/Sal/Res/Temp (°C/°F)	
pH Range	-2.00 to 16.00 pH	
Resolution	0.01 pH	
Accuracy	±0.01 pH	
Calibration Points	USA & NIST (Up to 5), DIN (Up to 6)	
pH Buffer Groups	USA, NIST, DIN	
ORP Range	±2000 mV	
Resolution	0.1 mV (< ±1000 mV), 1 mV (≥ ±1000mV)	
Accuracy	±0.3 mV (< ±1000 mV), 0.3% of reading (≥ ±1000mV)	
Calibration Option	Yes	
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 (adjustable)	
Temperature Coefficient	0.00 to 10.00 %/°C	
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	

Specifications

Calibration Option	Yes	
	500	1000
Memory	500	1000
Auto Data Log	●	●
Real-time Clock	-	●
Date & Time Stamp	-	●
Auto Hold / Auto Stable / Real Time	●	●
Offset & Average Slope Display	●	●
Calibration Alarm (1 to 90 days)	●	●
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 × AA batteries	
Battery Life	> 500 hours	
Dimensions	160 (L) × 80 (W) × 40.60 (H) mm	
Weight	Approx. 260 g (with batteries) / 216 g (without batteries)	

*1 Via PC (USB) cable

*2 Via Printer (RS232) cable

● **Table of conductivity cell range**

• Unit: S/m

Range	Cell constant		
	1000 m ⁻¹	100 m ⁻¹	10 m ⁻¹
20.0 to 200.0 S/m			
2.00 to 19.99 S/m			
0.200 to 1.999 S/m			
20.0 to 199.9 mS/m			
2.00 (0.00) to 19.99 mS/m			
0.200 (0.000) to 1.999 mS/m			
0.0 to 199.9 μS/m			

• Unit: S/cm

Range	Cell constant		
	10 cm ⁻¹	1 cm ⁻¹	0.1 cm ⁻¹
0.200 to 2.000 S/cm			
20.0 to 199.9 mS/cm			
2.00 to 19.99 mS/cm			
200 to 1999 μS/cm			
20.0 (0.0) to 199.9 μS/cm			
2.00 (0.00) to 19.99 μS/cm			
0.000 to 1.999 μS/cm			

● **Table of conductivity cell range (resistivity range)**

· Unit: $\Omega \cdot m$

Range	Cell constant		
	$10 m^{-1}$	$100 m^{-1}$	$1000 m^{-1}$
0.200 to 2.000 $M\Omega \cdot m$			
20.0 to 199.9 $k\Omega \cdot m$			
2.00 to 19.99 $k\Omega \cdot m$			
0.200 to 1.999 $k\Omega \cdot m$			
20.0(0.0) to 199.9 $\Omega \cdot m$			
2.00(0.00) to 19.99 $\Omega \cdot m$			
0.000 to 1.999 $\Omega \cdot m$			

· Unit: $\Omega \cdot cm$

Range	Cell constant		
	$0.1 cm^{-1}$	$1 cm^{-1}$	$10 cm^{-1}$
20.0 to 200.0 $M\Omega \cdot cm$			
2.00 to 19.99 $M\Omega \cdot cm$			
0.200 to 1.999 $M\Omega \cdot cm$			
20.0 to 199.9 $k\Omega \cdot cm$			
2.00 (0.00) to 19.99 $k\Omega \cdot cm$			
0.200 (0.000) to 1.999 $k\Omega \cdot cm$			
0.0 to 199.9 $\Omega \cdot cm$			



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

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