ENVIRONMENTAL EXPRESS
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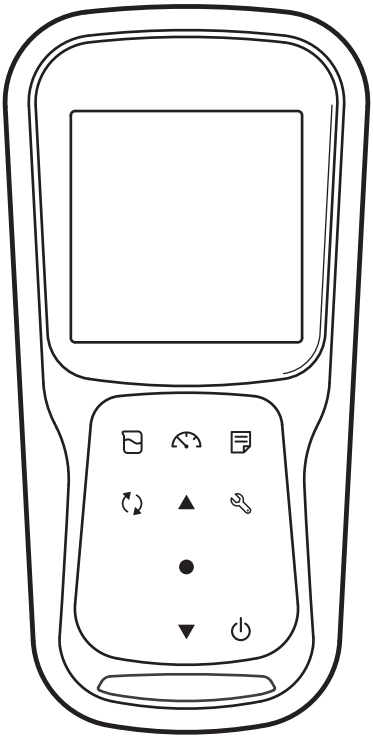
pH/ORP/CONDUCTIVITY METER

PC250
PC260



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	

Calibration Option	Yes	
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: Ω·m

Range	Cell constant		
	10 m^{-1}	100 m^{-1}	1000 m^{-1}
0.200 to 2.000 MΩ·m			
20.0 to 199.9 kΩ·m			
2.00 to 19.99 kΩ·m			
0.200 to 1.999 kΩ·m			
20.0(0.0) to 199.9 Ω·m			
2.00(0.00) to 19.99 Ω·m			
0.000 to 1.999 Ω·m			

・Unit: Ω·cm

Range	Cell constant		
	0.1 cm^{-1}	1 cm^{-1}	10 cm^{-1}
20.0 to 200.0 MΩ·cm			
2.00 to 19.99 MΩ·cm			
0.200 to 1.999 MΩ·cm			
20.0 to 199.9 kΩ·cm			
2.00 (0.00) to 19.99 kΩ·cm			
0.200 (0.000) to 1.999 kΩ·cm			
0.0 to 199.9 Ω·cm			

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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