

# Advanced Waterproof Multiple Parameter Meter

Advanced operation in the lab or field simultaneously displays all parameters



35434-02

The Oakton PCD 650 pH, conductivity, and DO meter is ideal for field testing. The meter reads pH and offers auto-buffer recognition to four buffer sets: US, NIST, DIN, and Pure Water. Offers conductivity measurement with single- or multi-point calibration for convenience or maximum accuracy. Measures DO with quick 100% calibration or multi-point calibration for maximum accuracy.

- Stores up to 500 data sets
- Programmable "calibration due" alarm
- Infrared IrDA wireless technology for printing and PC downloading
- IP67 rated for dust and water intrusion

What's included: Probe holder, data management software, and four AA batteries.

Meter with probes adds: Double-junction pH electrode, 2-cell conductivity cell, and dissolved oxygen probe.

Meter kit adds: Calibration supplies, protective rubber boot, and hard carrying case.

SPECIFICATIONS		
Range	pH	-2.000 to 19.999
	mV	±2000
	ISE	0.001 to 19,900 ppm, molar, or mg/L
	Conductivity	0 to 500 mS
	TDS	0 to 500 ppt
	Salinity	0 to 80 ppt
	Resistivity	0 to 20.00 MΩ
	Dissolved oxygen	0 to 600%; 0 to 90 mg/L
	Barometric pressure	450 to 825 mm Hg
	Temperature	14 to 230°F (-10 to 110°C)
Resolution	pH	0.1/0.01/0.001
	mV	0.1/1
	ISE	2 or 3 digits
	Conductivity	0.05% FS
	TDS	0.05% FS
	Salinity	0.05% FS
	Resistivity	0.05% FS
	Dissolved oxygen	0.1%, 1%; 0.01 mg/L
	Barometric pressure	1 mm Hg
	Temperature	0.1°F to 199.9°F; 1.0°F above 200°F (0.1°C)
Accuracy	pH	±0.002
	mV	±0.2/2.0 mV
	ISE	±0.5% FS (monovalent); ±1% FS (divalent)
	Conductivity	±1% FS
	TDS	±1% FS
	Salinity	±1% FS
	Resistivity	±1% FS
	Dissolved oxygen	±2%; ±0.2 mg/L
	Barometric pressure	±1%
	Temperature	±0.9°F (±0.5°C)
Temperature compensation	Automatic or manual, 0 to 100°C (0 to 50°C for DO)	
Data logging	500 data sets with GLP	
Output	IRDA/ RS-232 bi-directional	
Display	Dot-matrix LCD with backlighting	
Dimensions (W x H x D)	3¼" x 7¼" x 2¼" (83 x 184 x 57 mm)	
Power	Four AA batteries or 110/220 AC adapter	

Catalog No.	Model No.	Description	Precalibrated Catalog No.
TS-35444-02	PCD 650	PCD 650 meter only	TS-35444-03
TS-35444-00	PCD 650	PCD 650 meter with pH, conductivity, and DO probes	TS-35444-01
TS-35444-70	PCD 650	PCD 650 meter kit	TS-35444-71
<b>Accessories</b>			
TS-35826-72	—	pH electrode, double junction with ATC	
TS-35418-52	—	Conductivity cell, 2-electrode, K = 1.0	
TS-35650-50	—	DO probe	
TS-09386-01	—	Replacement batteries, AA. 4/pk	
<b>TS-17116-20</b>	—	<b>NIST-traceable calibration with data for pH meters</b>	
<b>TS-17100-30</b>	—	<b>NIST-traceable calibration with data for conductivity meters</b>	
<b>TS-17116-04</b>	—	<b>NIST-traceable calibration with data for DO meters</b>	