

Oakton® Waterproof PCD 650 Multiparameter Meter

No more missing data—download directly to PC

- Don't waste time looking for cables—infrared wireless technology (IrDA) allows instant download of data
- Data log up to 500 points with time/date stamp
- Expanded range, resolution, and accuracy—reads pH from –2 to 20 with ± 0.002 accuracy
- Use in dirty and wet environments without harming meter—IP67 rated housing

Unit features large backlit LCD showing the measured value, measured units, temperature, time, battery life, and menu options. The pH calibration capabilities include up to six calibration points, a user-settable “calibration due” alarm, and up to 15 buffer options with auto-buffer recognition of USA, NIST, DIN, and PWB standards.

Meter measures conductivity (up to 500 mS), TDS, salinity, or resistivity with either a 2- or 4-electrode conductivity cell. Linear or pure-water temperature compensation curve provides accurate data at all levels of conductivity. Also features set point alarms to indicate when concentrations are outside of programmed limits.

Meter determines oxygen saturation up to 600% and concentration up to 90 mg/L. The galvanic dissolved oxygen probe does not require any warm-up time so you can take readings immediately. Salinity correction is automatically compensated for after manual input of concentration. Barometric pressure is automatically compensated for by the included barometer.

Meter only includes: data management software, probe holder, and batteries.

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

Meter kit further adds: pH calibration buffers, conductivity standards, dissolved oxygen probe replacement membrane kit, protective rubber boot, and hard carrying case.

Description	Model	Catalog number	Price
Meter			
Meter only	PCD 650	GY-35434-02	
Meter with probes		GY-35434-00	
Meter kit		GY-35434-70	
Precalibrated meter			
Meter only	PCD 650	GY-35434-03	
Meter with probes		GY-35434-01	
Meter kit		GY-35434-71	

[GY-35816-71](#) “All-in-One” pH electrode with built-in ATC; single-junction, epoxy body

[GY-35805-23](#) Submersible pH electrode; single-junction, ABS plastic housing, BNC connector, 10-ft (3-m) cable

[GY-35408-57](#) Conductivity cell, 2-electrode, K=1, 10-ft (3-m) cable

[GY-35640-50](#) DO probe with 10-ft (3-m) cable

[GY-35418-05](#) ATC probe. Use for temperature compensation with any pH electrode without built-in ATC

[GY-35418-83](#) Optional universal adapter, 110/220 VAC

[GY-17106-20](#) NIST-traceable calibration for pH meter

[GY-17090-30](#) NIST-traceable calibration for conductivity meter

[GY-17106-04](#) NIST-traceable calibration for DO meter



Meter kit saves you money!

Save time, save money!

Choose Precalibrated

Includes a data-rich, ISO 17025 certificate—no additional charge!

Precalibrated by **INNOCAL**
INNOVATIVE CALIBRATION SOLUTIONS



Handheld Meters

OAKTON®

ISO 9001:2008
CERTIFIED SUPPLIER

CE

IP 67

Meter only

Specifications

Range	pH	–2.000 to 20.000
	mV	± 2000
	ISE	0.001 to 19,900 ppm, molar, or mg/L
	Conductivity	0 to 500 mS/cm
	TDS	0 to 500 ppt (TDS factor dependent)
	Salinity	80.00 ppt
	Resistivity	0 to 20,000 M Ω
	Dissolved oxygen	0 to 600%/ 90 mg/L
	Barometric pressure	450 to 825 mm Hg
Resolution	Temperature	14 to 230°F (–10 to 110°C)
	pH	0.1, 0.01, 0.001
	mV	0.1
	ISE	2 or 3 digits
	Conductivity	0.05% full-scale
	TDS	0.05% full-scale
	Salinity	0.05% full-scale
	Resistivity	0.05% full-scale
	Dissolved oxygen	0.1%, 0.01 mg/L
Accuracy	Barometric pressure	1 mm Hg
	Temperature	0.1°F (0.1°C)
	pH	± 0.002
	mV	± 0.2 mV
	ISE	0.5% FS (monovalent); 1% FS (divalent)
	Conductivity	$\pm 1\%$ full-scale
	TDS	$\pm 1\%$ full-scale
	Salinity	$\pm 1\%$ full-scale
	Resistivity	$\pm 1\%$ full-scale
pH buffer recognition	Dissolved oxygen	$\pm 2\%$, ± 0.2 mg/L
	Barometric pressure	$\pm 1\%$
	Temperature	$\pm 0.9^\circ\text{F}$ ($\pm 0.5^\circ\text{C}$)
	Temperature compensation	Automatic or manual, 0 to 100°C
	Conductivity temperature compensation	Linear and pure
	pH calibration	Up to 6 points
		USA: 1.68, 4.01, 7.00, 10.01, 12.45; NIST: 1.68, 4.01, 6.86, 9.18, 12.45; DIN: 1.09, 3.06, 4.65, 6.79, 9.23, 12.75; PWB: 4.10, 6.97
	Conductivity standard recognition	Automatic or manual, single or multipoint standard recognition
	Temperature coefficient	0 to 10.0%/°C
Power	Conductivity-to-TDS factor	0.4 to 1.0
	Dissolved oxygen salinity correction	0 to 45 ppt
	Data logging	500 data sets with GLP
	Output	IrDA/ RS-232 (via LED)
		Four 1.5 V AA batteries (included) or optional universal AC adapter