

...setting the standard
again and again®

Handheld Meters — Multiparameter

PCD 650 pH/Conductivity/ Dissolved Oxygen Meter

All three parameters, plus temperature, measured
and displayed simultaneously!

**Durable waterproof and dustproof
design with IP67 rating** – Even with
no probes attached

**Push-button calibration for all
parameters** – 6 points each for pH and
conductivity; 3 points for DO

Large back-light graphic display –
Multiline display with electrode status indicator,
calibration data, and more

User-settable “calibration due” alarm –
Out-of-date or unperformed calibrations are now
things of the past!

Built-in real-time clock – Time-and-date
stamping meets Good Laboratory Practice (GLP)
standards

Store up to 500 data sets – Infrared IrDA
wireless technology makes PC downloading
convenient and easy

Set point alarms – Audible warning when
readings are outside set points limit

Research-grade accuracy – Resolution to
0.001 pH and accuracy to ±0.002 pH

Electrode status indicator – Calibration data
provides electrode diagnostic tool

Password protection – Security for calibration
and setup menus

Rugged rubber boot – Protects meter from
impact (optional; included with kit)



ISO 9001:2008
CERTIFIED SUPPLIER



3 year
warranty
meter only

Specifications

Model	PCD 650 meters
Range	pH
	Ion
	mV
	Conductivity
	TDS
	Salinity
	Resistivity
	DO
Resolution	Temperature
	pH
	Ion
	mV
	Conductivity
	DO
	Temperature
Accuracy	pH
	Ion
	mV
	Conductivity
	DO
	Temperature
Calibration	pH
	Ion
	Conductivity
	DO
	Temperature
	pH
	Ion
	Conductivity

TDS factor: 0.40 to 1.00

Cell constant: 0.100 to 10.000

DO salinity correction

Range: 0.0 to 50.0 ppt

Resolution: 0.1 ppt

DO pressure correction

Range: 500 to 1499 mm Hg, 66.6 to 199.9 kPa

Resolution: 1 mm Hg, 0.1 kPa

Memory: up to 500 sets with GLP date and time

Output: infrared, IrDA

Real-time clock: time-and-date stamp on calibration
and stored data

Temperature normalization: 15 or 30°C

Temperature coefficient: linear or pure

Temperature compensation: automatic or manual
(selectable) from 0 to 100°C

Ambient operating temperature: 0 to 50°C (32 to 122°F)

Power: four 1.5 V AA batteries (included) or optional
universal AC adapter, up to 200 hours continuous use

Dimensions

Meter: 7¼" L x 3¼" W x 2¼" H (18.4 x 8.3 x 5.7 cm)

Boxed: 9¼" L x 9¼" W x 2¾" H (23 x 23 x 7 cm)

Weight

Meter: 1 lb (0.5 kg); Boxed: 2 lb (0.9 kg)

Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35434-02	WD-35434-03	PCD 650 meter only	Meter and batteries
WD-35434-00	WD-35434-01	PCD 650 meter	Meter, pH electrode 35816-77, conductivity cell 35408-57, DO probe 35640-50, and batteries
WD-35434-70	WD-35434-71	PCD 650 meter kit	Meter, pH electrode 35816-77, conductivity cell 35408-57, DO probe 35640-50, calibration standards (60 mL each of pH 4.01, pH 7.00, 1413 µS/cm, and 12.88 mS solution), multiprobe holder, rubber boot, hard carrying case, and batteries

WD-35816-77 pH electrode: double junction,
epoxy body, 10-ft (3-m) cable with BNC connector

WD-35418-05 ATC probe. Use for temperature
compensation with any pH electrode without
built-in ATC

WD-35408-57 Conductivity cell, 2-electrode, K = 1

WD-35640-50 DO probe with 10-ft (3-m) cable

WD-35434-85 Multiprobe holder. Holds one each pH,
conductivity, DO, and temperature probes

WD-35434-90 Multiprobe flow block for
groundwater sampling

WD-35418-83 Optional adapter, 110/220 VAC

Multiprobe holder
makes it easy to
manage probes
simultaneously.



Use multiprobe flow block 35434-90 for
groundwater sampling. Holds two 12-mm
diameter pH, ORP, or ISE probes, one
Oakton conductivity/TDS probe, and
one Oakton dissolved oxygen probe.

Multiparameter

