

pH 110 Meter

Features RS-232 output and advanced setup mode!

Recall electrode slope, electrode offset value, and previous calibration data

Built-in memory function – Stores up to 100 pH, mV, or relative mV readings, along with temperature data

FREE Oakton® datalog software on a CD-ROM – Helps organize data to import into many popular spreadsheet programs

Five-point pH calibration – Choose from US, NIST or DIN buffer sets

Automatic buffer recognition – For quick pH calibration

Features mV offset – For calibration to ORP standards, zeroing the mV value, and pH electrode diagnostics

Selectable manual or automatic temperature compensation (ATC) – For highest accuracy in any situation

°C/°F selectable

Hold and Auto-off functions; Error messages

Power with batteries or optional AC adapter – Use in the field or at your benchtop using built-in meter stand

Available as a kit – Complete with calibration buffers, sample bottles, and protective carrying case



Download data readings into your computer.



Use an optional printer to create hard copies of your readings.



ISO9001:2000
CERTIFIED SUPPLIER



3 year
warranty
meter only

Specifications

Mode	pH	mV	Temperature
Range	-2.00 to 16.00 pH	±2000 mV (same for relative mV)	-10 to 110.0°C (14 to 230°F)
Resolution	0.01 and 0.1 pH (selectable)	0.1 mV ±399.9 mV, 1 mV beyond	0.1°C
Accuracy	±0.01 pH	±0.2 mV ±399.9 mV, 2 mV beyond	±0.5°C
Calibration	Up to 5 buffer values: 1.09, 1.68/3.06, 4.01/4.65, 6.79/6.86/6.97/7.01, 9.18/10.01, 12.45/12.75	Offset to ±2000 mV	Offset 0.1°C increments

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

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

Memory: stores up to 100 sets

RS-232 specifications

Baud rate: 2.4; 4.8; 9.6 and 19.2 kbps selectable

Stop bit: 1 or 2 selectable

Parity: odd (1); even (2); or none (0) selectable

RS-232 output connector: 9-pin female

Computer requirements: 386 and above that can run Microsoft Windows® 95 or higher, CD-ROM drive, hard disk with approx. 500 KB free disk space, EGA monitor or above, 9-pin serial port connecting cable, mouse

Power: four 1.5 V AAA batteries (included), >600 hours continuous use; 9 V, 500 mA; AC adapter (optional)

Dimensions

Meter: 7½" x 3½" x 1¼" (19 x 9 x 4.5 cm)

Boxed: 9½" x 9½" x 2¾" (23 x 23 x 7 cm)

Weight

Meter: 1 lb (0.5 kg); **Boxed:** 1.4 lb (0.6 kg)

Ordering Information

Catalog number	Description	Included
WD-35615-22	pH 110 meter only	Meter, software, two electrode holders, and batteries
WD-35615-20	pH 110 meter with probe	Meter, single-junction "All-in-One" pH/temperature probe 35811-71, two electrode holders, software, and batteries
WD-35615-80	pH 110 meter kit	Meter, "All-in-One" probe 35811-71, pH buffer calibration pouches, sample bottles, software, two electrode holders, batteries, and hard carrying case

Accessories

WD-35615-07 AC adapter, 100/240 VAC

WD-35811-72 "All-in-One" pH/temperature probe, double junction, epoxy body

WD-09376-00 Replacement batteries, 1.5 V AAA. Pack of 12

WD-35615-75 Portable meter carrying case. Protects your instrument while still letting you take measurements

RS-232 Computer/Printer Accessories

WD-35615-09 Computer cable, 9-pin male to 9-pin female connects meter to your PC

WD-35622-00 Portable printer, 110 VAC, rechargeable. Shpg wt 2 lb (0.9 kg)

WD-35622-05 Portable printer, 220 VAC, rechargeable. Shpg wt 2 lb (0.9 kg)

WD-35622-59 Printer cable, 25-pin male to 9-pin male connects meter to your printer



Industrial



Pharmaceuticals



Laboratory