

## OAKLON® Waterproof pH 600 Meters

Expanded range, resolution, and accuracy, plus increased memory and advanced communications!

- No more excuses for missing data! Out-of-date or unperformed calibrations are now things of the past!
- Don't waste time looking for those cables!
- Use in dirty and wet environments

These waterproof handheld meters feature a -2.00 to 19.99 pH range expandable to 0.001 pH resolution. Combined with accuracies up to ±0.002 pH, these meters provide a new benchmark in our pH meter line.

Store up to 500 data sets in the meter's memory. Time-and-date stamping meets Good Laboratory Practice (GLP) standards.

The pH 600 meters offer the latest in pH calibration capabilities including 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.

The infrared IrDA wireless technology makes PC downloading more convenient and easier. Dual powerup allows you to use batteries while out in the field or the optional AC power adapter while in the lab.

As always, our waterproof meters are IP67 rated for both dust and water intrusion, even with no probes attached.

**pH 600 meter** measures pH with a 0.01 maximum resolution.

**pH 610 meter** measures pH with a 0.001 maximum resolution.

**pH 620 meter** measures pH or ISE with 0.001 maximum resolution.

**Meter includes:** data management software and batteries.



35418-12

IrDA wireless communication

Great in the lab!

Great in the field!

**Meter with probe(s) add:** "All-in-one" pH electrode with built-in ATC (single-junction, epoxy body, 2.5-ft cable, BNC connector).

**Meter kit further adds:** pH buffer solutions, protective rubber boot, and hard carrying case.

### Specifications



Model	pH 600 meter	pH 610 meter	pH 620 meter
Parameters	pH/mV/°C	pH/mV/°C	pH/mV/ISE/°C
Range	-2.00 to 19.99	-2.000 to 19.999	-2.000 to 19.999
	±2000	±2000	±2000
	—	—	0.001 to 19,900 ppm, molar, or mg/L
Resolution	14 to 230°F (-10 to 110°C)	14 to 230°F (-10 to 110°C)	14 to 230°F (-10 to 110°C)
	0.1/0.01	0.1/0.01/0.001	0.1/0.01/0.001
	0.1	0.1	0.1
	—	—	2 or 3 digits
Accuracy	0.1°F to 199.9°F; 1.0°F from 200 to 230°F (0.1°C)	0.1°F to 199.9°F; 1.0°F from 200 to 230°F (0.1°C)	0.1°F to 199.9°F; 1.0°F from 200 to 230°F (0.1°C)
	±0.01	±0.002	±0.002
	±0.2	±0.2	±0.2
	—	—	0.5% FS (monovalent); 1% FS (divalent)
	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)
Temperature compensation	Automatic or manual, 0 to 100°C		
Calibration	Up to 6 points		
Buffer recognition	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		
Datalogging capabilities	500 data sets with GLP time-and-date stamping		
Output	IrDA/RS-232C		
Display	Dot-matrix LCD with backlighting		
Power	Four AA batteries (included) or optional universal AC adapter		
Dimensions	3¼"W x 7¼"H x 2¼"D	3¼"W x 7¼"H x 2¼"D	3¼"W x 7¼"H x 2¼"D

### Ordering Information

Catalog number	Model	Description	Price
<a href="#">KH-35418-02</a>	pH 600	Meter only	
<a href="#">KH-35418-00</a>		Meter with probe	
<a href="#">KH-35418-70</a>		Meter kit	
<a href="#">KH-35418-12</a>	pH 610	Meter only	
<a href="#">KH-35418-10</a>		Meter with probe	
<a href="#">KH-35418-80</a>		Meter kit	
<a href="#">KH-35418-22</a>	pH 620	Meter only	
<a href="#">KH-35418-20</a>		Meter with probe	
<a href="#">KH-35418-90</a>		Meter kit	

### Accessories

- [KH-35816-71](#) "All-in-One" pH electrode with built-in ATC; single junction, epoxy body, 2.5-ft cable with BNC connector
- [KH-35816-72](#) "All-in-One" pH electrode with built-in ATC; double junction, epoxy body, 2.5-ft cable with BNC connector
- [KH-35805-23](#) Submersible pH electrode; single-junction, ABS plastic housing, BNC connector, 10-ft cable
- [KH-35418-05](#) ATC probe. Use for temperature compensation with any pH electrode without built-in ATC
- [KH-35418-83](#) Optional adapter, 110/220 VAC
- [KH-09376-01](#) Batteries; AA. Pack of 4