

# pH 600 and pH 610 Meters

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

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

**Push-button pH calibration at up to six points** – Up to 15 buffer options with auto-buffer recognition of USA, NIST, DIN, and PWB standards

**Large backlit graphic display** – Multi-line 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**User-settable “calibration due” alarm** – Out-of-date or unperformed calibrations are now things of the past!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 on pH 610 model

**Electrode status indicator** – Calibration data provides electrode diagnostic tool

**Password protection** – Security for calibration and setup menus

**Complete kits are available** – Include meter, probe, solutions, and carrying case



35418-12

ISO9001:2008  
CERTIFIED SUPPLIER



**3 year**  
warranty  
meter only

## Specifications

Model		pH 600 meter	pH 610 meter
Range	pH	–2.00 to 19.99	–2.000 to 19.999
	mV	±2000 mV	±2000 mV
	Temperature	–10.0 to 110.0°C (14.0 to 230.0°F), selectable	–10.0 to 110.0°C (14.0 to 230.0°F), selectable
Resolution	pH	0.1/0.01 pH	0.1/0.01/0.001 pH
	mV	0.1 mV	0.1 mV
	Temperature	0.1°C (0.1°F)	0.1°C (0.1°F)
Accuracy	pH	±0.01 pH	±0.002 pH
	mV	±0.2 mV	±0.2 mV
	Temperature	±0.5°C (±0.9°F)	±0.5°C (±0.9°F)
Calibration	pH	Up to 6 buffer values (select from 4 sets): USA 1.68, 4.01, 7.01, 10.01, 12.45; NIST: 1.68, 4.01, 6.86, 9.18, 12.45; DIN: 1.09, 2.06, 4.65, 6.79, 9.23, 12.75, or custom buffers	
	mV	Offset up to ±150 mV	
	Temperature	Offset 0.1°C (0.1°F) increments	

**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 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 500 hours continuous use

### Dimensions

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

**Boxed:** 9½" L x 9½" 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-35418-02	WD-35418-03	pH 600 meter only	Meter and batteries
WD-35418-12	WD-35418-13	pH 610 meter only	Meter and batteries
WD-35418-00	WD-35418-01	pH 600 meter with probe	Meter, “All-in-One” probe 35816-71, and batteries
WD-35418-10	WD-35418-11	pH 610 meter with probe	Meter, “All-in-One” probe 35816-71, and batteries
WD-35418-70	WD-35418-71	pH 600 meter kit	Meter, “All-in-One” probe 35816-71, pH buffers (60 mL each of 4.01, 7.00, electrode storage solution, and rinse water), two electrode holders, rubber boot, batteries, and hard carrying case
WD-35418-80	WD-35418-81	pH 610 meter kit	Meter, “All-in-One” probe 35816-71, pH buffers (60 mL each of 4.01, 7.00, electrode storage solution, and rinse water), two electrode holders, rubber boot, batteries, and hard carrying case

**WD-35816-71 Replacement “All-in-One” pH/temperature probe,** single-junction, epoxy body

**WD-35816-72 “All-in-One” pH/temperature probe,** double-junction, epoxy body

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

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

**WD-35418-86 Rubber boot** for all 600-series meters



Ideal for laboratory testing.

Multiparameter  
models available.  
See pages 51–57.