

pH 300 and pH 310 Meters

pH/ORP Measurement
Portable Meters



Highly advanced microprocessor-based pH meters with a superior waterproof housing...and they FLOAT!

Durable waterproof and dustproof design with IP67 rating

Push-button pH calibration at five points
1.68, 4.01, 7.01, 10.01, and 12.45

Automatic buffer recognition

Selectable manual or automatic temperature compensation (ATC) for the highest accuracy in any situation

Store and recall pH with temperature readings

Easy-to-clean housing

ideal for dirty, wet environments or food-related applications

Advanced setup mode

lets you customize meter to your application

Hold, Ready indicator, and Automatic shutoff functions

Available as a complete field calibration kit, most convenient option

pH 310 also features:

Built-in real-time clock

stamps stored data and calibration data with date and time—meets standards for GLP (Good Laboratory Practices)

Expanded memory

stores and recalls up to 50 readings with temperature

°C/°F selection

Automatic endpoint

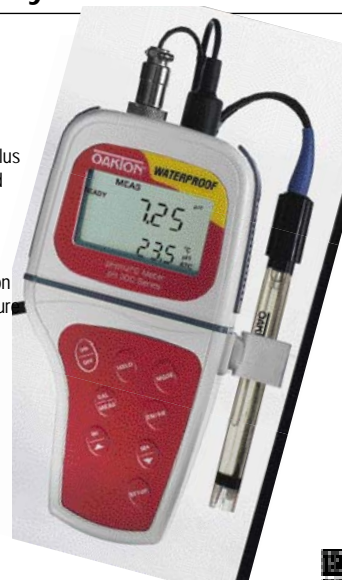
automatically freezes reading when stable

Selectable buffer sets for Standard US, NIST, and DIN buffers

Right: Large dual LCD shows measurement plus temperature, units, and current function.

pH 300 portable meter shown with "All-in-One" combination pH electrode/temperature sensor and electrode holder

Far right: Superior waterproof housing that floats for those accidental drops into water.



Specifications

Model	Mode	pH 300 meter	pH 310 meter
Range	pH	-2.00 to 16.00	-2.00 to 16.00
	Temp	0.0 to 100.0°C	0.0 to 100.0°C; 32.0 to 212.0°F (selectable)
Resolution	mV	±2000 mV	±2000 mV
	pH	0.01 pH	0.01 pH
Accuracy	Temp	0.1°C	0.1°C; 0.1°F
	mV	0.1 mV ±199.9 mV, 1 mV beyond ±199.9 mV	0.1 mV ±199.9 mV, 1 mV beyond ±199.9 mV
Calibration	pH	±0.01 pH	±0.01 pH
	Temp	±0.5°C	±0.5°C; ±0.5°F
Memory	mV	±0.2mV ±199.9 mV, ±2mV beyond ±199.9 mV	±0.2mV ±199.9 mV, ±2mV beyond ±199.9 mV
	pH	Up to 5 buffer values: 1.68, 4.01, 7.01, 10.01, 12.45	Up to 6 buffer values (select from 3 sets): USA: 1.68, 4.01, 7.01, 10.00, 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
Real time clock	Temp	Offset 0.1°C increments	Offset 0.1°C or 0.1°F increments
	mV	Offset up to ±150 mV	Offset up to ±150 mV
Temperature compensation	Memory	Up to 16 sets	Up to 50 sets with date and time
Ambient operating temp	Real time clock	None	Time, date stamp on calibration and stored data
Power	Temperature compensation	Automatic or manual (selectable) from 0 to 100°C	
Dimensions	Ambient operating temp	0 to 50°C (32 to 122°F)	
Weight	Power	Four 1.5 V AAA batteries (included), >100 hours continuous use	
	Dimensions	Meter: 7.5"L x 3.75"W x 2.25"H (19 x 9.5 x 5.7 cm) Boxed: 9.2"L x 9.2"W x 2.75"H (23 x 23 x 7 cm)	
	Weight	Meter: 1.0 lb (0.45 kg) Boxed: 2.0 lb (0.9 kg)	

Ordering Information

Catalog number	Description	Included
WD-35618-02	pH 300 meter only	Meter, batteries, and instructions.
WD-35618-12	pH 310 meter only	Meter, batteries, and instructions.
WD-35618-03	pH 300 meter	Meter, "All-in-One" probe 35808-71, batteries, and instructions.
WD-35618-13	pH 310 meter	Meter, "All-in-One" probe 35808-71, batteries, and instructions.
WD-35618-70	pH 300 meter kit	Meter, "All-in-One" probe, pH "Singles" buffer pouches (five each of 4.01, 7.00, 10.00, and rinse water), three sample bottles, rinse bottle, two electrode holders, batteries, instructions, and hard carrying case.
WD-35618-72	pH 310 meter kit	Meter, "All-in-One" probe, pH "Singles" buffer pouches (five each of 4.01, 7.00, 10.00, and rinse water), three sample bottles, rinse bottle, two electrode holders, batteries, instructions, and hard carrying case.
WD-35614-79	pH calibration kit	pH "Singles" buffer pouches (five each of 4.01, 7.00, 10.00, and rinse water), squeeze bottle, and hard carrying case. (Meter sold separately).

WD-35808-71 Replacement "All-in-One" pH/temperature probe, single-junction, epoxy body

WD-35808-72 "All-in-One" pH/temperature probe, double-junction, epoxy body