

...setting the standard again and again®

Waterproof pH 450 and CON 450 Meters

Backlit, rugged waterproof meters are ideal for any environment!

- Durable waterproof and dustproof design with IP67 rating
- Get more data at a glance—view measurement with temperature and calibration data with % slope or cell constant on large, backlit custom display
- Automatic and manual temperature compensation ensures accuracy, even in fluctuating temperatures
- Know when to recalibrate—calibration alarm reminds you when it is time to recalibrate
- Convenient hold, ready, and automatic shutoff functions
- Selectable °C or °F to best fit your application
- Intuitive, user-friendly icons show electrode status as pH slope or cell constant
- Store and analyze up to 500 data sets with easy USB or RS-232 output with optional data cables
- Built-in real-time clock stamps stored data and calibration data with time and date for GLP documentation
- Quickly and easily secure the electrode or probe to your beaker or container with Grip-Clip™ holder
- Easy benchtop measurement with built-in stand or wall-mount
- Extended 500-hour battery life from two AA batteries or use optional universal power adapter

Keep hands free with built-in stand—ideal for benchtop or long-term use

pH 450 meter also features:

- Six-point calibration—choose USA, NIST, DIN, or custom buffers
- Auto buffer recognition automatically identifies the correct pH buffer for rapid calibration
- mV offset for calibration to ORP standards, zeroing mV value, and pH diagnostics
- Compatible with pH and ISE electrodes having a BNC connector
- Meter includes Grip-Clip holder and batteries; meter with probe adds on electrode 35808-71; kit further adds buffers, solutions, and hard carrying case

CON 450 meter also features:

- Autorange conductivity from 0 to 199.9 mS in five ranges with automatic calibration up to five calibration points
- Selectable cell constant of 0.1, 1.0, or 10 from a two-cell probe
- Selectable temperature coefficient is adjustable from 0 to 10% per °C for accurate compensation of almost any solution
- Adjustable conductivity-to-TDS factor from 0.4 to 1.0
- Meter with probe includes cell 35608-50, Grip-Clip holder, and batteries; kit adds on calibration solutions and hard carrying case



Description		pH 450 meter only	pH 450 meter with probe	pH 450 meter kit	CON 450 meter with probe	CON 450 meter kit
Catalog number		WD-35618-32	WD-35618-30	WD-35618-90	WD-35608-32	WD-35608-80
Precalibrated catalog number		WD-35618-34	WD-35618-33	WD-35618-91	WD-35608-34	WD-35608-81
Range	pH	-2.00 to 16.00 pH			—	
	mV	±2000 mV			—	
	Ion	0.0 to 19,999			—	
	Conductivity	—			0 to 200 mS	
	TDS	—			0 to 200 ppt	
	Temperature	-17.0 to 230.0°F (-10.0 to 110.0°C)			-17.0 to 230.0°F (-10.0 to 110.0°C)	
Resolution	pH	0.01 pH			—	
	mV	0.1 mV ±999.9 mV; 1 mV beyond			—	
	Ion	0.01			—	
	Conductivity	—			0.01 µS to 0.1 mS	
	TDS	—			0.01 ppm to 0.1 ppt	
	Temperature	0.1°F/°C			0.1°F/°C	
Accuracy	pH	±0.01 pH			—	
	mV	±0.2 mV ±2 LSD or ±0.5% of reading; whichever is greater			—	
	Ion	±0.5% full-scale (monovalent); ±1% full-scale (divalent)			—	
	Conductivity	—			±1% full-scale	
	TDS	—			±1% full-scale	
	Temperature	±0.9°F (±0.5°C)			±0.9°F (±0.5°C)	
Calibration	pH	Up to six points: USA, NIST, DIN and custom buffer			—	
	mV	±200 mV			—	
	Ion	Up to six points			—	
	Conductivity	—			Auto/manual; 1 point/range	
	TDS	—			Auto/manual; 1 point/range	
	Temperature	Offset 0.1 increments			±5.0° offset	
Temperature compensation		Automatic or manual from -10 to 110°C				
Output		USB or RS-232				
Data logging		500 data sets				
Power		Two AA batteries (included); universal power adapter (optional)				

Accessories

WD-35808-71 Replacement "All-in-One" pH electrode with built-in ATC. Single-junction; epoxy body; BNC connector

WD-35808-72 "All-in-One" pH electrode with built-in ATC. Double-junction; epoxy body; BNC connector

WD-35618-05 ATC probe. Use with any standard pH electrode with BNC for temperature compensation

WD-35608-55 Conductivity cell, K = 0.1

WD-35608-50 Replacement conductivity cell, K = 1.0

WD-35608-51 Conductivity cell, K = 10

WD-35614-50 Replacement Grip-Clip holder attaches probe to side of container for hands-free operation

WD-35614-51 Hard carrying case

WD-35630-53 Data cable for USB connectivity

WD-35420-01 Data cable for RS-232 connectivity

WD-35420-72 Optional power adapter, 110/220 VAC

WD-09376-01 Replacement batteries, AA. Pack of 4