

Products > By Parameter > [pH](#)**CyberScan pH 310**[VIEW ENLARGED IMAGE](#)**Product Features**

- ⚡ Waterproof and Dustproof Housing - IP67 rated, ideal for rugged harsh conditions. Plus it floats!
- ⚡ Multi-Point Push-button Calibration (up to 5/6 points) with Auto-Buffer Recognition - choice of USA, NIST or DIN buffer standards for quick calibration with no calibration mistakes
- ⚡ User-Customization for enhanced flexibility and viewing of electrode diagnosis - pH slope/offset/mV base value, previous calibration points
- ⚡ Built-in Real-time Clock stamps stored data and calibration data with time & date - meets standards for GLP purposes (available in pH310)
- ⚡ Expanded memory stores and recalls up to 50 readings with temperature (available in pH310)
- ⚡ Automatic Temperature Compensation (ATC) for the highest accuracy under fluctuating temperatures
- ⚡ Stability Indicator prompts whenever reading stabilizes
- ⚡ Auto-Hold Function automatically freezes reading when stabilized for easy viewing and recording
- ⚡ Auto-Power Off conserves battery power and save money
- ⚡ Self-Diagnostic with message codes for easy troubleshooting
- ⚡ Large, Easy-to-Read Custom LCD Display with simultaneous readings provides optimum viewing with user-friendly icons
- ⚡ Rugged Carrying Case (Optional) provides handy on-site meter calibration and measurement



Ergonomic design



Carrying kit set



Adjustable probe holder

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**Industrial:** Ideal for checks in water conditioning plants, cooling towers, plating and finishing operations, food processing (for HACCP compliance), water testing, printing and chemical industries, rinse water analysis, water/wastewater treatment and chemical process verification. Use with ORP electrode to monitor plating operations, and other redox measurements.

**Environmental/Agricultural:** Use in ecology studies, aquariums, and hydroponics.

**Laboratory/Educational:** Use in all types of food analysis, quality assurance testing, any laboratory where GLP management is required, petrochemical, chemical applications.

**Specifications**

Product Specification	Description
<b>pH Range</b>	-2.00 to 16.00 pH
<b>Resolution &amp; Accuracy</b>	0.01 pH & ± 0.01 pH
<b>mV Range</b>	±199.9 mV (extended); ±1999 mV
<b>Resolution &amp; Accuracy</b>	0.1 mV & ±0.2 mV (within 199.9 mV); 1 mV & ±2 mV (beyond ±200 mV)
<b>Temperature Range</b>	0 to 100.0 °C; 32.0 to 212 °F
<b>Resolution &amp; Accuracy</b>	0.1 °C (0.1 °F) & ± 0.3 °C (±0.5 °F)
<b>No. of Calibration Points</b>	1 to 6
<b>pH Buffer Options</b>	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
<b>Memory</b>	50 sets
<b>Temperature Compensation</b>	Automatic / Manual (0 to 100 °C)
<b>Date/Time Stamping</b>	Yes
<b>Special Functions</b>	Auto-Hold; Auto Power-Off after 30 minutes; Stability Indicator, Self-diagnostics messages
<b>Power</b>	4 'AAA' x 1.4V batteries

**Order Information**

Order No.	Item
<b>EC-PHWP310/02K</b>	Waterproof CyberScan pH 310 Portable pH Meter with pH electrode, temperature probe, 2 electrode holders and CyberScan pH carry kit set (EC-PHWP-KIT)
<b>EC-PHWP-KIT</b>	CyberScan pH Carry Kit Set – CyberScan Plastic Carry Case comprises 1 x pH 4.01, pH 7.00, pH 10.01 buffer solutions (60 ml each) and 1 x empty rinse water bottle

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