



## pH10 pH/Temperature

### Accurate, economical pen-style measurement

YSI's first EcoSense® pen-style product provides an ultimate feature set. The pH10 features an easy-to-use graphic interface, simple one-hand operation, memory, and low cost of ownership over the life of the product. The pH10 measures pH and temperature with the following features:

- IP-67 waterproof housing
- Automatic calibration and buffer recognition
- Automatic temperature compensation
- Replaceable single- or double-junction electrodes
- 50-set memory (pH, temp, date and time stamp)
- GLP functionality (saves and displays last calibration data)
- 1, 2, or 3-point calibration
- "Hold" feature locks readings on display
- Graphic display with on-screen instructions

The pH10 is designed for quick, accurate results in an economical platform. The ability to measure pH and temperature in a simple, compact instrument allows for the most convenient sampling method available. With a one-year instrument warranty and six-month electrode warranty, the pH10 will fit your needs for an easy-to-use pH instrument.



*Compare to other pen-style instruments and you'll see the advantages of the pH10.*

Pure  
Data for a  
Healthy  
Planet.®

*Compact design and  
affordable price*



Agriculture, education, and aquaculture are typical applications for the EcoSense pH10 pen.



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**ISO 9001**  
**ISO 14001**

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 Printed in USA 0107 W26-01



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## pH10 (System Specifications)

Temperature	Range	0.0 to 99.9 °C (32.0 to 211.8 °F)
	Resolution	0.1 °C (0.2 °F)
	Accuracy	±0.3 °C (±0.6 °F)
pH	Range	0.00 to 14.00 units
	Resolution	0.01 units
	Accuracy	±0.1 unit within 10 °C of calibration, ±0.2 unit within 20 °C

## Additional Technical Specifications

Operating range	0.0 to 50.0 °C (32.0 to 122.0 °F)
Water resistance	IP-67 waterproof case
Weight with batteries	105 grams (3.7 ounces)
ATC Probe	Thermistor, 10kΩ / 25°C
Battery	Four LR44 alkalines included with purchase
Battery life	Approximately 35 hours
pH temp compensation	Auto 0.0 to 99.9 °C (32.0 to 211.8 °F)
pH buffer recognition	USA (4.01, 7.00, & 10.01) or NIST (4.01, 6.86, & 9.18)
pH calibration temp	0.0 to 60 °C (32.0 to 140.0 °F)
pH offset recognition	+90 mV at pH 7.00 or +98.3 mV / -81.7 mV at pH 6.86
pH slope recognition	+30% at pH 4.00, 4.01, 9.18, or 10.01
Memory	Non-volatile; stores 50 sets (pH, temperature, date and time stamp)

## pH10 Ordering Information

pH10	pH10 instrument (includes 605113 pH electrode)
605113	Single-junction pH electrode
116	Double-junction pH electrode
580	Soft, black carrying case with shoulder strap



The 116 double-junction electrode is extremely accurate and durable. The double-junction allows the probe to be used in less than clean samples such as wastewater or wine.