



## pH10 pH/Temperature

### Accurate, economical pen-style measurement

The EcoSense® pH10 pen-style instrument provides an ultimate feature set over similar competitive models. 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 easy, user-replaceable electrode ensures the instrument is always ready for use. The pH10 measures pH and temperature with the following features:

- IP-67 waterproof housing
- Automatic calibration and buffer recognition
- Automatic temperature compensation
- User-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. 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*



Aquaculture, wastewater, and surface water sampling are typical applications for the pH10 pen.



YSI Environmental  
+1 937 767 7241  
1 800 897 4151 (U.S.)  
environmental@ysi.com

YSI Integrated Systems  
& Services  
+1 508 748 0366  
systems@ysi.com

SonTek/YSI  
+1 858 546 8327  
inquiry@sontek.com

YSI Gulf Coast  
+1 225 753 2650  
gulfoast@ysi.com

AMJ Environmental  
+1 727 565 2201  
info@amjenviro.com

YSI Hydrodata  
+44 1462 673 581  
europe@ysi.com  
ireland@ysi.com

YSI Middle East (Bahrain)  
+973 1753 6222  
halsalem@ysi.com

YSI (Hong Kong) Limited  
+852 2891 8154  
hongkong@ysi.com

YSI China  
+86 10 5203 9675  
beijing@ysi-china.com

YSI/Nanotech (Japan)  
+81 44 222 0009  
nanotech@ysi.com

YSI India  
+91 989 122 0639  
sham@ysi.com

YSI Australia  
+61 7 390 17223  
acorbett@ysi.com

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

Who's Minding the Planet?, EcoSense, and Pure Data for a Healthy Planet are trademarks of YSI Incorporated.

©2009 YSI Incorporated  
Printed in USA 1209 W26-02



CE

YSI incorporated  
Who's Minding  
the Planet?®

## pH10 (System Specifications)

Temperature	Range	0.0 to 100.0 °C (32.0 to 212 °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	200 hours or greater (low battery indicator)
pH temp compensation	Auto 0.0 to 100.0 °C (32.0 to 212 °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; 50 sets (pH, temperature, date and time stamp); erase all data function

## pH10 Ordering Information

pH10	pH10 instrument (includes 605113 pH electrode, batteries, instruction manual)
605113	Single-junction pH electrode (replacement)
605116	Double-junction pH electrode
605129	Soft, black carrying case with shoulder strap
3824	Assorted pH buffers case (6 pints - 2 of each buffer 4, 7 10)
605188	Replacement batteries (4 LR44 alkaline batteries)



605116 double-junction electrode.



605129 soft carrying case.



605113 single-junction replacement electrode.



605188 replacement batteries.



3824 assorted pH buffers case.