

# Water Quality Meters

## YSI EcoSense pH100A pH/ORP/Temperature Meter

The YSI pH100A features the ability to measure pH, mV, and temperature in a simple compact instrument allowing use in multiple applications.

The pH100A offers a one year instrument warranty, and a six-month electrode warranty.

### FEATURES

- Waterproof housing (IP67)
- Internal buffer recognition (US or NIST buffer sets)
- Auto/Manual temperature compensation
- Low battery indicator with 1000 hour battery life
- Electrode offset recognition
- Autolock mode holds stable readings on display
- Displays electrode efficiency
- 50 data set memory
- 1 year instrument warranty
- CE compliant
- Calibration solutions available



### SPECIFICATIONS

<b>Temperature</b>	
Range	-10° to +120°C (14° to 248°F)
Resolution	0.1°C
Accuracy	±0.3°C ±1 digit
<b>pH</b>	
Range	-2 to 16 units
Resolution	0.01 unit
Accuracy	±0.1% ±2 digit
<b>mV</b>	
Range	-1999 to +1999 mV
Resolution	1 mV
Accuracy	±0.1% ±1 digit
<b>pH Buffer Recognition</b>	
US	4.00, 7.00, & 10.00 at 25°C or 4.00, 7.02, & 10.06 at 20°C
NIST	4.01, 6.86, & 9.18 at 25°C or 4.00, 6.87, & 9.23 at 20°C
<b>pH Offset Recognition</b>	+90 mV at pH 7.00 or 6.86
<b>Calibration Back-Up</b>	Yes
<b>Autolock Feature</b>	Yes, all keys

<b>Operating Range</b>	
Temperature	0° to 50°C (32° to 122°F)
Relative Humidity	up to 95%
<b>Water Resistance</b>	IP67 waterproof
<b>Size</b>	78mm W x 184mm L x 37mm D (3.1" W x 7.25" L x 1.45" D)
<b>Weight with Battery</b>	272 grams (0.6 lb.)
<b>ATC Probe</b>	Thermistor, 10kΩ/25°C
<b>Battery</b>	One 9 volt included with purchase, 1000 hour life
<b>pH Temp. Compensation</b>	Auto/Manual -10.0°C to 120.0°C (14° to 248°F)
<b>pH Calibration Temp.</b>	0°C to 60°C (32° to 140°F)
<b>pH Slope Recognition</b>	+30% at pH 4.00, 4.01, 9.18, or 10.01
<b>Audio Feedback</b>	Yes, all keys
<b>Memory</b>	50 data set reviewable memory
<b>Auto Shutoff</b>	Automatically powers off after 30 minutes of inactivity

**CALL GEOTECH TODAY (800) 833-7958**

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