

# Water Quality Meters

## YSI EcoSense pH100 pH/ORP/Temperature Meter

The YSI pH100 features the ability to measure pH, mV, and temperature in a simple compact instrument allowing use in multiple applications.

The pH100 offers a one year instrument warranty, and a six-month electrode warranty.

### FEATURES

- Watertight housing
- Internal buffer recognition
- Auto/Manual temperature compensation
- Sensors are available as single parameter or combinations for pH or mV and temperature
- Low battery indicator
- Electrode offset recognition
- Autolock mode holds stable readings on display
- Displays electrode efficiency

### ACCESSORIES

- 1 meter waterproof Y-cable with combo pH electrode and temp.
- 4 meter waterproof Y-cable with combo pH electrode and temp.
- 1 meter cable with pH electrode
- 1 meter cable with mV electrode
- 1 meter cable with temperature (ATC) probe
- pH100 carrying case, hard sided, form fitted foam insert
- Soft, black carrying case with shoulder strap, vinyl



### SPECIFICATIONS

<b>Temperature</b>		<b>Autolock Feature</b>	Yes
Range	-10° to +120°C	<b>Operating Range</b>	
Resolution	0.1°C	Temperature	0° to 50° C
Accuracy	±0.3°C ±2 digit	Relative Humidity	up to 95%
<b>pH</b>		<b>Water Resistance</b>	IP65 water resistant, splash resistant
Range	-2 to 16 units	<b>Size</b>	70mm W x 186mm L (2.8" W x 7.3" L)
Resolution	0.01 unit	<b>Weight with Battery</b>	430 grams (1 lb.)
Accuracy	±0.1% ±2 digit	<b>ATC Probe</b>	Thermistor, 10kW/ 25°C
<b>mV</b>		<b>Battery</b>	One 9 volt included with purchase
Range	-1999 to +1250 mV	<b>pH Temp. Compensation</b>	Auto/Manual -10.0°C to 120.0°C
Resolution	1 mV	<b>pH Calibration Temp.</b>	0°C to 60°C
Accuracy	±0.1% ±1 digit	<b>pH Slope Recognition</b>	+30% at pH 4.00, 4.01, 9.18, or 10.01
<b>pH Buffer Recognition</b>	4.01, 7.00, & 10.01 or 4.00, 6.86, & 9.18	<b>Audio Feedback</b>	Yes, all keys
<b>pH Offset Recognition</b>	+90 mV at pH 7.00 or 6.86		
<b>Calibration Back-Up</b>	Yes		

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