







The new YSI pH100 depicting one of the possible configurations with a combination 3-in-1 pH sensor and temperature sensor. Another option allows for a mV or pH sensor with a separate temperature sensor.

## Pure Data for a Healthy Planet\*

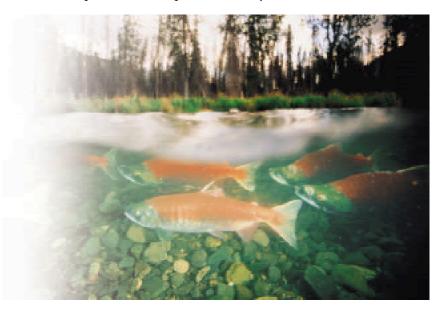
Compact design and affordable price

## YSI pH100 pH/ORP/Temp Instrument Accurate, economical handheld measurement

YSI's new line of compact, handheld instruments provides the most accurate data in the most affordable format. The instruments feature an easy-to-use interface, one-hand operation, water resistant case, and low cost of ownership over the life of the product. The YSI pH100 measures pH or mV and temperature with the following 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

The YSI pH100 is designed for quick, accurate results in an economical platform. The ability to measure pH, mV, and temperature in a simple, compact instrument allows the instrument to be used in multiple applications. With a one-year instrument warranty, sixmonth electrode warranty, calibration backup, and a variety of cable/electrode options, the YSI pH100 will fit your needs.



Simple, one-handed operation makes the instrument the logical choice for any sampling routine.





Pure
Data for a
Healthy
Planet.

\*\*Planet.\*\*\*

To order or for more information, contact YSI Environmental.

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## YSI Model pH100

Temperature	Range Resolution Accuracy	-10 to +120°C 0.1°C ±0.3°C ±2 digit
рН	Range Resolution Accuracy	-2 to 16 units 0.01 unit ±0.1% ±2 digit
mV	Range Resolution Accuracy	-1999 to +1250 mV 1 mV ±0.1% ±1 digit
Accessories:		
100-1	1 meter waterproof Y-cable with combo pH electrode and temperature	
100-4	4 meter waterproof Y-cable with combo pH electrode and temperature	
110-1	1 meter cable with pH electrode	
115-1	1 meter cable with mV electrode	
130-1	1 meter cable with temperature (ATC) probe	
160	pH 4, 7, 10 electrode simulator	
180	pH100 carrying case, hard sided, form fitted foam insert	
480	Soft, black carrying case with shoulder strap, vinyl	

## **Additional Technical Specifications**

Operating range:

Temperature: 0° to 50° C Relative Humidity: up to 95%

Water resistance: IP-65 water resistant, splash resistant

Size: 70 mm width x 186 mm length (2.8 in. x 7.3 in.)

Weight with battery: 430 grams (1 lb.)

ATC Probe: Thermistor, 10k / 25° C

Battery: One 9 volt included with purchase

PH temp compensation: Auto/Manual -10.0° C to 120.0° C

**pH buffer recognition**: (4.01,7.00, & 10.01) or (4.00, 6.86, & 9.18)

pH calibration temp : 0° C to 60° C

**pH offset recognition** :  $\pm 90 \text{ mV}$  at pH 7.00 or 6.86

**pH slope recognition** :  $\pm 30\%$  at pH 4.00, 4.01, 9.18, or 10.01

Calibration back-up : Yes

Audio feedback: Yes, all keys

Autolock feature : Yes

For more information about this product, please call YSI at 800-897-4151. You may also send e-mail inquiries to environmental@ysi.com or visit www.ysi.com.