



Y S I Environmental



EcoSense® Product Line

YSI pH10 pH/Temperature Instrument

Accurate, economical handheld measurement



YSI's newest product provides the ultimate features in the pen-instrument market. The YSI 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-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 YSI 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 YSI pH10 will fit your needs for an easy-to-use pH instrument.

The new YSI pH10 is part of the EcoSense family of products. Other products include the pH100 (pH and temperature), DO200 (dissolved oxygen and temperature), and EC300 (conductivity, salinity, TDS, and temperature) handheld instruments.

Pure
Data for a
Healthy
Planet.™

**Compact design and
affordable price**



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

www.YSI.com



Pure
Data for a
Healthy
Planet.™

To order or for more
information, contact
YSI Environmental.

800 897-4151
www.YSI.com

YSI Environmental
937 767 7241
Fax 937 767 9353
environmental@YSI.com

Endeco/YSI
508 748 0366
Fax 508 748 2543
environmental@YSI.com

YSI Environmental Gulf Coast
225 753 2650
225 753 8669 fax
environmental@ysi.com

YSI Hydrodata
(European Support Centre)
44 1462 673581
Fax 44 1462 673582
sales@hydrodata.co.uk

YSI (Hong Kong) Limited
852 2891 8154
Fax 852 2834 0034
hongkong@YSI.com

YSI/Nanotech (Japan)
81 44 222 0009
Fax 81 44 222 1102
nanotech@YSI.com

YSI (Qingdao) Limited
86 532 389 6648
Fax 86 532 389 6647
china@YSI.com

ISO 9001
ISO 14001

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

©2004 YSI Incorporated
Printed in USA 0904 W26

YSI incorporated
Who's Minding
the Planet?®

YSI Model pH10

| | | |
|--------------------|------------|-----------------------------------|
| 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 | ±0.02 units ±1 LSD |

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, 10k / 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) |

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.