EcoSense® products

affordable, compact water-sampling instruments

handheld quick select guide

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I am proud to introduce our EcoSense® brand of instruments, including three new handhelds, two pen-style testers, two photometers, and accessories.

Years of proven sensor technology have gone into the development of EcoSense for one purpose — to provide a wide-range of underserved markets with affordable, compact water-sampling instruments that deliver the best quality data possible.

To meet the unique requirements for a broad range of applications and markets, EcoSense products offer accurate data, lasting durability, and affordability as defined by low cost of ownership and reduced need for maintenance.

EcoSense instruments have been equipped with only the most fundamental of features to deliver on this strategy. There is no excess, which means no extra costs and no added complexity. Just a new family of products with proven, easy-to-use technology for sampling in just about any environment.

We invite you to see for yourself.

Sincerely,

Timothy A. Grooms
EcoSense Product Manager
EcoSense®
handhelds

**pH100**

- Designed for simple, one-handed spot sampling, the compact pH100 provides quick, accurate results in an economical platform across a multitude of applications.
- The pH100’s low cost of ownership is highlighted by its economical list price, competitively priced probes, and rugged reliability (meaning less down time).

**DO200**

- The DO200 offers fast Dissolved Oxygen response times in waste-water, surface water and aquaculture applications. Calibrates easily in a saturated air environment and displays either % oxygen saturation or ppm (mg/L) values, giving you the best DO data quality possible.
- Can also be used as a laboratory BOD instrument when used with the YSI 200-BOD probe.

**EC300**

- Like all EcoSense instruments, the EC300 is designed for affordable, simple, one-handed operation in a multitude of applications. It measures Conductivity, Specific Conductance, Salinity, TDS, and Temperature.
- The EC300 features a super-stable, four-electrode conductivity cell for true field applications.

**Standard Features:**
- Parameters: pH, Temperature, and mV
- Waterproof case
- 1-year instrument warranty
- Internal buffer recognition
- Auto or manual temperature compensation
- Single- or dual-parameter sensor availability
- CE compliance
- Low-battery indicator
- Submersible waterproof cable

**Applications**
- Agriculture, Aquaculture, Aquariums, Education, Food & Beverage, Greenhouses, Hydroponics, Nurseries, Wineries, Zoos

**DO, Temperature Parameters**
- Surface Water, Wastewater, Wineries, Zoos, Aquaculture, Aquariums, Education, Applications

**EC, Conductivity Parameters**
- Water, Zoos, Hydroponics, Industrial, Nurseries, Surface Water, Education, Food & Beverage, Greenhouses, Agriculture, Aquaculture, Aquariums, Applications

**Accessories**

- **pH100**
  - 1 meter waterproof Y-cable with combi pH electrode and temperature
  - 4 meter waterproof Y-cable with combi pH electrode and temperature
  - 1 meter combi pH electrode
  - 1 meter, double junction, piercing tipped pH probe and cable
  - 1 meter double junction, flat glass pH probe and cable
  - 1 meter mV electrode
  - 1 meter temperature probe
  - pH 6.7, 10 electrode simulator
  - Cable weight for 100-1 and 100-4 cables
  - pH instrument hard, side carrying case
  - Soft, black shoulder harness carrying case
  - Soft-sided carrying case

- **DO200**
  - 4 meter cable and probe
  - 10 meter cable and probe
  - Self-stirring BOD probe, 115V
  - Self-stirring BOD probe, 230V
  - Do instrument hard, side carrying case
  - Soft, black shoulder harness carrying case
  - Self-stirring probe case

- **EC300**
  - 4 meter cable and probe
  - 10 meter cable and probe
  - Hard-sided carrying case
  - Soft, black shoulder harness carrying case

Our compact EcoSense handhelds feature an easy-to-use interface, one-hand operation, water-resistant case, one-year warranty, and the best data in the business.

Visit www.ysiecosense.com for application stories.

**Standard Features:**
- Parameters: DO and Temperature
- Wateright case meets IP-65 specs
- 1-year instrument warranty
- 450 hour battery life
- 1-year instrument, DO Electrode, and cable warranty
- Self-stirring BOD probe, 230V
- Submersible waterproof cable

**Applications**
- Agriculture, Aquaculture, Aquariums, Education, Food & Beverage, Greenhouses, Hydroponics, Nurseries, Wineries, Zoos

**pH, Temperature, mV Parameters**
- Hydroponics, Nurseries, Wineries, Zoos, Education, Food & Beverage, Greenhouses, Agriculture, Aquaculture, Aquariums, Applications

**DO, Temperature Parameters**
- Surface Water, Wastewater, Wineries, Zoos, Aquaculture, Aquariums, Education, Applications

**EC, Conductivity Parameters**
- Water, Zoos, Hydroponics, Industrial, Nurseries, Surface Water, Education, Food & Beverage, Greenhouses, Agriculture, Aquaculture, Aquariums, Applications

**Accessories**

- **pH100**
  - 1 meter waterproof Y-cable with combi pH electrode and temperature
  - 4 meter waterproof Y-cable with combi pH electrode and temperature
  - 1 meter combi pH electrode
  - 1 meter, double junction, piercing tipped pH probe and cable
  - 1 meter double junction, flat glass pH probe and cable
  - 1 meter mV electrode
  - 1 meter temperature probe
  - pH 6.7, 10 electrode simulator
  - Cable weight for 100-1 and 100-4 cables
  - pH instrument hard, side carrying case
  - Soft, black shoulder harness carrying case
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- **DO200**
  - 4 meter cable and probe
  - 10 meter cable and probe
  - Self-stirring BOD probe, 115V
  - Self-stirring BOD probe, 230V
  - Do instrument hard, side carrying case
  - Soft, black shoulder harness carrying case
  - Self-stirring probe case

- **EC300**
  - 4 meter cable and probe
  - 10 meter cable and probe
  - Hard-sided carrying case
  - Soft, black shoulder harness carrying case
  - Self-stirring probe case

www.ysiecosense.com
800.897.4151 US
+1 937 767 7241

**Parameters**

- pH: pH, Temperature, mV
- DO: DO, Temperature
- EC: Conductivity, Specific Conductance, Salinity, TDS, Temperature

**Applications**

- Agriculture, Aquaculture, Aquariums, Education, Food & Beverage, Greenhouses, Hydroponics, Nurseries, Wineries, Zoos
EcoSense® pens

The pH10 is the perfect instrument for economical spot sampling of pH and Temperature in applications such as wastewater, surface water, aquaculture, hydroponics, pools, and education. This ultra-compact instrument even includes a graphic display with on-screen instructions.

Standard Features:
- Parameters: pH and Temperature
- Waterproof case meets IP-67 specs
- 1-year instrument warranty
- Automatic calibration and internal buffer recognition
- Replaceable electrode
- 50-set memory (pH, temperature, date, and time stamp)
- OLP functionality
- 1, 2, or 3-point calibration
- Hold feature locks stable readings on display

 accessing your pH10 or ORP15.

EcoSense® pens offer the ultimate in convenient, low-cost water sampling. Featuring light weight but durable construction, accuracy you can depend on, and the easiest to use data collection available.

Applications
Agriculture, Aquaculture, Aquariums, Education, Food & Beverage, Greenhouses, Nurseries, Spas, Swimming Pools, Wastewater, Wineries, Zoos

Parameters
pH, Temperature

The pH10 is the perfect instrument for economical spot sampling of pH and Temperature in applications such as wastewater, surface water, aquaculture, hydroponics, pools, and education.

This ultra-compact instrument even includes a graphic display with on-screen instructions.

The ORP15 offers accurate, low-cost measurement of ORP (absolute and relative mV) and temperature. Measuring these parameters in a pen-style instrument that's also simple and compact means you get the most convenient sampling method available.

The ORP15 is an easy-to-use mV instrument for food (such as vegetable washing and sanitizers), swimming pools, wastewater, and aquaculture. And its many features allow for a low cost of ownership for the life of the product.

Standard Features:
- Parameters: ORP, Temperature
- IP-67 waterproof housing
- 1-year instrument and 6-month electrode warranty
- Replaceable electrodes
- 50-set memory
- Absolute and relative mV readings
- Low-battery indicator
- Hold feature locks readings on display
- Graphic display with on-screen instructions

The pH10 is the perfect instrument for economical spot sampling of pH and Temperature in applications such as wastewater, surface water, aquaculture, hydroponics, pools, and education.

This ultra-compact instrument even includes a graphic display with on-screen instructions.

The ORP15 offers accurate, low-cost measurement of ORP (absolute and relative mV) and temperature. Measuring these parameters in a pen-style instrument that's also simple and compact means you get the most convenient sampling method available.

The ORP15 is an easy-to-use mV instrument for food (such as vegetable washing and sanitizers), swimming pools, wastewater, and aquaculture. And its many features allow for a low cost of ownership for the life of the product.

Standard Features:
- Parameters: ORP, Temperature
- IP-67 waterproof housing
- 1-year instrument warranty
- Automatic calibration and internal buffer recognition
- Replaceable electrode
- 50-set memory 
- OLP functionality
- 1, 2, or 3-point calibration
- Hold feature locks stable readings on display

The YSI 9300 and 9500 both feature a graphic, backlit display, on-screen instructions, a waterproof case, various diameter sample tube holder, multiple languages, 100+ test options, and direct reading concentrations.

The YSI 9500 has additional features that include a waterproof USB that can also be used for power, 500 data-set memory, and several user-selectable options.

Applications
Agriculture, Aquaculture, Aquariums, Education, Food & Beverage, Greenhouses, Nurseries, Spas, Swimming Pools, Wastewater, Wineries, Zoos, Surface Water, Industrial

Parameters
Alkalinity, Aluminum, Ammonia, Barium, Bicarbonate, Calcium Hardness, Chloride, Chlorine, Chlorine Dioxide, Chromium, Copper, Cyanide, Acid, Fluoride, Hardness, Hydrogen Peroxide, Iron, Magnesium, Manganese, Molybdate, Nickel, Nitrate, Nitrite, Organophosphate, Oxygen, pF, Phenol, Phosphate, Potassium, Silica, Sulfate, Sulfide, Sulphate, Zinc

accessories

pH10
605113 Replacement pH Electrode Module
605116 Double Junction pH Electrode
605129 Carrying case, soft-sided
580 Soft-sided carrying case

ORP15
605133 Replacement pH Electrode Module
605139 Carrying case, soft-sided
580 Soft-sided carrying case

accessories

9300 and 9500
YPT804 Color Standard Kit
TPMXXX* Starter Packs with 50 Tests
TAPXXX* Replacements Packs with 250 tests

* XXX indicates there is a three digit number associated with each separate parameter. For a complete list visit www.ysiecosense.com

www.ysiecosense.com
(800) 897-4151 US
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Visit www.ysiecosense.com for application stories.