

Sensorex® PROCESS SENSORS

Water Professionals
can Save
Time and Money
with Innovative
Sensorex Solutions!

pH/ORP  CONDUCTIVITY  DISSOLVED OXYGEN  CONDUCTIVITY  BUFFERS



Intelligent Process pH/ORP & Conductivity Transmitters

Cost-effective and versatile, the TX2000 & CX2000 are just two of the full featured pH/ORP & conductivity transmitters available from Sensorex. These line-powered devices feature large easy to read backlit displays and interface to plant SCADA or DCS control systems, keeping operators apprised of changing process conditions.

Differential pH & ORP Sensors for Challenging Wastewater Applications

The new SD7000 Series Differential pH/ORP sensors offer wastewater treatment plant operators a unique, yet proven sensor technology for challenging wastewater treatment applications. Accuracy & reliability is unparalleled with encapsulated preamp to eliminate moisture problems & long sensor to transmitter distances. These reconditionable sensors are direct replacements for Hach/GLI 5-wire models.



Modular pH & ORP Sensors Featuring Flat Electrode Cartridge Design

The proven S8000 Series pH/ORP Sensors features modular components for ease of service in the field & low cost of ownership. Its ERP (extended reference path) technology ensures longer sensor life. Cost-effective electrodes are simple to replace and eliminate process downtime. Electronic module options include a unity gain preamp, differential preamp and direct 4-20mA current output.



Economical Industrial pH & ORP Sensors

The S270 series Ryton (PPS) bodied sensors feature 3/4" NPT threads for either inline or submersion mounting and include a standard 10 foot waterproof cable (longer available on request). These are great cost-effective chemically resistant sensors available in easy-to-clean flat electrode models or conventional styles.



Broad Range of Conductivity Sensors

From economical contacting conductivity sensors with versatile plastic bodies & graphite electrodes, to higher temperature & pressure 316 stainless steel designs and electrodeless toroidal wide-range conductivity models, Sensorex offers a variety of models and mounting options for water quality and chemical feed applications.



Amperometric Sensors for Disinfection Monitoring

Directly measure free chlorine or chlorine dioxide with the Sensorex 5 Series amperometric sanitizer sensors. A linear & isolated 4-20mA current output offers versatility in interfacing these sensors directly to SCADA, PLC or other integrated control systems.



Galvanic Dissolved Oxygen Sensors for Rapid Process Response

These versatile industrial dissolved oxygen probes are fast response galvanic sensors. Their large electrolyte reservoir makes them ideal for long term continuous deployments. Calibration is easy, requiring only a single-point air calibration. They are available with either mV or 4-20mA outputs & are an excellent choice for wastewater or aquaculture DO monitoring and control.



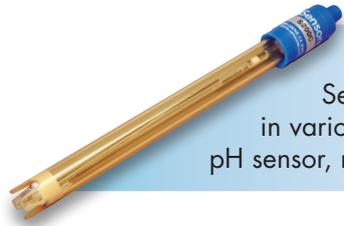
Sensorex UVT-LED UV Transmittance Sensors

Sensorex UVT-LED sensors assist operators in ensuring proper UV dosing and efficient operation. Because they are designed with a mercury free UV-C LED source, the sensors are ready for instant operation. The UV-C LED provides long lamp life with little maintenance and low operating costs. UV transmittance (% UVT) is clearly displayed on the sensor's backlit LED display. The UVT-LED-PW in-process version takes automatic measurements every 60 seconds and has an integrated wiper that prevents fouling and a self-calibration check feature ensures continuous accuracy. The UVT-LED-H battery operated handheld version provides accurate UVT measurements for individual samples anywhere in the field. The UV-LED light source eliminates warm-up time and provides accurate measurements for millions of readings thanks to the ultra-long UV-LED life.



Sensorex[®] LABORATORY SENSORS

pH/ORP  CONDUCTIVITY  DISSOLVED OXYGEN  ION SELECTIVE ELECTRODES  BUFFERS



Virtually Unbreakable Plastic Body pH and ORP Sensors

Sensorex[®] manufactures virtually unbreakable pH sensors in plastic bodies in various lengths and diameters to fit into any lab glassware. Our most popular pH sensor, model S200C (150mmL x 12mm OD) is pictured to the left.

3-in-1 pH/Reference/ATC Sensors

The convenience of having pH/ATC temperature measurement in the same sensor, Sensorex[®] offers 3-in-1 sensors for many makes and models of lab pH/ATC meters.



Spear Tip pH Sensor

The Sensorex[®] S175CD spear tip combination pH sensor is perfect for pH measurements in applications where sample piercing is required such as meat, sausage, cheese, and soil. This sensor features an extremely durable glass measuring spear shaped tip.



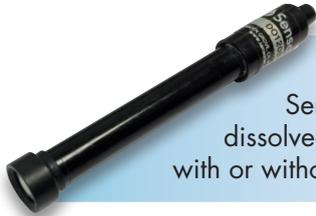
PHASE High Accuracy pH Sensors

PHASE sensors, unlike ordinary sensors, provide fast, accurate, stable pH measurements, even with large sample temperature changes. Offered in sealed or refillable reference and plastic or glass body.



Dissolved Oxygen Sensors

Sensorex[®] uses dependable galvanic construction to manufacture its DO1200 and DO1200TC dissolved oxygen sensors. No warm up or stabilization period is required. The sensors can be supplied with or without ATC.



Conductivity Sensors

Sensorex[®] Conductivity sensors feature graphite or platinum ring technology. Durable epoxy body construction provides a rugged and dependable measurement. Available cell constants are $k=0.1$, $k=1.0$, $k=10.0$. Sensors can be supplied with or without ATC.



SAM-1[™] SMART AQUA METER

pH  ORP  Conductivity  Temp Meter

-  Connects to smartphone or tablet via audio jack
-  Smart sensor technology for ease of use
-  Sensor is auto-recognized for quick start up
-  Calibration data stored and read from the sensor



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