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**OXYGEN
ANALYZERS**

PRODUCT DATASHEET

Oxygen Monitors and Analyzers



**Reliable
Measurement**

- Trace oxygen analyzers
- Percent oxygen analyzers
- Portable oxygen analyzers
- Oxygen deficiency monitors
- Global service

Percent Oxygen Monitors and Analyzers

Series 1300 Oxygen Deficiency Monitor



The cornerstone feature of the Series 1300™ Oxygen Deficiency Monitor is its extended life electrochemical sensor with optimized Enhanced Electrolyte System (EES). As a result of EES, we are able to offer an unparalleled three (3) year sensor warranty. The standard measuring range of the monitor is 0-30%. Our exclusive Advanced Digital Interface (ADI) offers the capability to expand the Series 1300 with up to three oxygen sensors. Adding oxygen sensors and/or optional horn and strobe alarms in the field takes just a few minutes. Also features a powerful built-in data logger.

OXY-SEN Oxygen Monitor



The OXY-SEN™ Oxygen Monitor is an economically priced percent oxygen monitoring system equipped with a standard measuring range of 0-100%. Features dual 4-20mADC analog outputs that are scaled over 0-100% and 0-25%. The front panel has an easy to read, 3-1/2 digit liquid crystal display. Input power to the OXY-SEN is 115/230 VAC, 50-60 Hz or 24 VDC.

Series 2000 Percent Oxygen Analyzer



The Series 2000™ Percent Oxygen Analyzer is a rugged, microprocessor-controlled percent oxygen analyzer with either single range or three range capabilities from 0-1 to 0-100%. Auto-ranging is a standard feature on all three range analyzers. The Series 2000 Percent Oxygen Analyzer is powered from 115/230 VAC, 50-60Hz, or 18-32 VDC and comes equipped with two analog outputs, 4-20 mADC and 0-2 VDC. Optional sample path configurations are available.

Pictured with optional flowmeter.

Series 2500/2510 Percent Oxygen Transmitters



Optional NEMA 7 Enclosure.

The Series 2500 and 2510™ Percent Oxygen Transmitters are blind transmitters designed to provide exceptional performance, accuracy, and stability. Percent oxygen measurement ranges are available from 0-2% to 0-100%. A 4-20 mADC analog output is provided. The Series 2500 Trace Oxygen Transmitter is a true loop powered (14-32 VDC) transmitter. The Series 2510 Percent Oxygen Transmitter is available in either AC powered (115 or 230VAC, 50-60Hz) or 24VDC. Optional sample path configurations are available.

Pictured with optional sample path options.

Series 2520 Portable Percent Oxygen Analyzer



The Series 2520™ Percent Oxygen Analyzer is a portable, battery operated percent oxygen analyzer designed for industrial and commercial applications where accurate and reliable spot percent oxygen measurements are needed. The Series 2520 can be configured with one of several measuring ranges from 0-1% to 0-100% oxygen. Optional sample path configurations are available.

Pictured with optional flowmeter.

Trace (PPM) Oxygen Monitors and Analyzers

Series 3000 Trace Oxygen Analyzer

The Series 3000™ Trace Oxygen Analyzer is a rugged, microprocessor-controlled oxygen analyzer designed for continuous or intermittent measurement of trace oxygen concentrations ranging from 0-1 PPM to 0-10,000 PPM. It is available in either a single or three-range configuration, and auto-ranging for the latter is available at no additional charge. Powered by either Universal AC (90-264 VAC) or 18-32 VDC. The Series 3000 is equipped with three oxygen alarm relays and one status alarm relay. All four relays are Form C (SPDT) types rated at 10 amps at 115/230 VAC and 30 VDC. The relays are user configurable for fail-safe operation. The Series 3000 provides users with two standard analog outputs, 4-20 mA DC and 0-2 VDC. Optional sample path configurations are available.

Pictured with optional sample path options.



Series 3500/3510 Trace Oxygen Transmitter



Optional NEMA 7 Enclosure.

The Series 3500 and 3510™ Trace Oxygen Transmitters are blind transmitters designed to provide exceptional performance, accuracy, and stability. Measurement ranges available are from 0-10 PPM to 0-20,000 PPM. A 4-20 mADC output is provided. The Series 3500 Trace Oxygen Transmitter is a true loop powered (14-32 VDC) and the Series 3510 Trace Oxygen Transmitter is available in either AC powered (115 or 230VAC, 50-60Hz) or 24VDC. Optional sample path configurations are available.

Pictured with optional sample path options.

Series 3520 Portable Trace Oxygen Analyzer



The Series 3520™ Portable Trace Oxygen Analyzer is battery-operated and designed for industrial and commercial applications where accurate and reliable spot trace oxygen measurements are needed. The instrument is powered from rechargeable NICAD batteries that are mounted internal to the analyzer. Recharging of the batteries is accomplished using a built-in battery charger with a universal AC adapter. Single measurement ranges are available from 0-10 PPM to 0-20,000 PPM with values displayed on a front panel liquid crystal display (LCD). Optional sample path configurations are available.

Pictured with optional sample path options.

Percent & Trace (PPM) Oxygen Analyzer

Zirconia Oxygen Analyzer (ZRO 2000)

FAST Response Zirconia Oxygen Analyzer is designed to provide accurate and repeatable trace and percent oxygen measurements in a variety of gases. Oxygen readings from parts per billion to 100% can be achieved with one instrument. The rugged and compact design of the ZRO2000™ FAST Response Oxygen Analyzer makes it ideally suited for industrial applications where continuous oxygen measurements are required. The analyzer accepts a universal input of 90VAC to 264VAC @ 50-60Hz.





GAIN REAL-TIME INSIGHT INTO YOUR PROCESS

Process Insights manufactures and delivers premium sensors, monitors, detectors, analyzers, instrumentation, and software that are mission-critical to keep your operations, personnel, and the environment safe – every day across the globe.

Get the most reliable, precision analytical technologies available on the market today. We will work to match your needs and budget, and provide the optimal, and most stable process analysis solution for your application.

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EVERYWHERE