

Oxygen Monitoring

Broad range of paramagnetic, zirconium or electrochemical instruments to monitor oxygen concentration in flue gas, working area and different process gas applications.



The instruments are ranging from ppm level trace analyzers to gas purity instruments including extremely corrosive and explosive applications.



General Purpose **PPB** Oxygen Analyzers

GPR-1600UHP Oxygen Analyzer

State of the art proprietary **UHP Pico-Ion sensor** capable of **oxygen analysis under 1 ppb and 18 month expected sensor life**. Sensitivity 0.5% FS range, Accuracy +/- 1%. Fast recovery. Sensor has no maintenance, or water to add. Automatic ranging, Zero & Calibration. Communication link USB. Ranges- Standard: 0-100ppb, 0-1ppm, 0-10ppm, 0-100ppm



GPR-1600UHP Oxygen Analyzer

General Purpose **PPM** Oxygen Analyzers

GPR-1600MS Oxygen Analyzer

State of the art proprietary **MS Pico-Ion sensor** capable of **oxygen analysis under 10 ppb and 36 month expected sensor life**. Sensor has no maintenance, or water to add. Automated range, zero, calibration, data acquisition, system diagnostic functions. Ranges- Standard: 0-1ppm, 0-10ppm, 0-100ppm, 0-1000ppm.

GPR-1600/ GPR-1600W Oxygen Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis under 100ppb and 24 month expected sensor life**. Sensor has no maintenance, or water to add. Automated range, zero, calibration, data acquisition, system diagnostic functions. Flow indicator and sample/bypass valves. Optional: 3 solenoid inlet valves control the introduction sample, span, zero gas to the analyzer enabling auto zero and calibration functions. Ranges- Standard: 0-10ppm, 0-100ppm, 0-1000ppm, 0-1%, 0-25%.



GPR-1600/ GPR-1600MS Oxygen Analyzer



GPR-1600W Oxygen Analyzer

ATEX Explosion Proof PPM Oxygen Analyzers

GPR-18 ATEX PPM Explosion Proof Process O2 Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis under 100ppb and 24 month expected sensor life**. Sensor has no maintenance, or water to add. **ATEX certified Ex D IIB+H2 T6, CE. (Class 1, Div. 1, Groups B, C, D)** Wall mount configuration. Ranges- Standard: 0-10ppm, 0-100ppm, 0-1000ppm, 0-1%, 0-25%.



ATEX Intrinsically Safe PPM Oxygen Analyzers

GPR-1800 AIS ATEX PPM Oxygen Transmitter

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis under 100ppb and 24 month expected sensor life**. Sensor has no maintenance, or water to add. **Intrinsically safe oxygen transmitter, ATEX Ex II 2 G, Ex [ib] IIB T4, Tamb -20 deg. C to +50 deg. C. (Class 1, Division 1, Groups C, D)** Ranges- Standard: 0-10ppm, 0-100pp, 0-1000ppm, 0-1%, 0-25%.



GPR-1800AIS Oxygen Transmitter (Shown with optional H2S sample system)



GPR-1800AIS Oxygen Transmitter (No sample system)

PPM Portable Oxygen Analyzers

GPR-1200 ppm Oxygen Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis under 100ppb and 24 month expected sensor life**. Sensor has no maintenance, or water to add. Meets recognized intrinsic safety (**ATEX approval pending**) standards for use in **Class 1, Division 1, Groups C, D hazardous areas**. Integral stainless steel bypass sample system not only extends sensor life but significantly increases operator productivity. Ranges- Standard: 0-10ppm, 0-100ppm, 0-1000ppm, 0-1%, 0-25%.



GPR-1200 PPM Oxygen Analyzer

General Purpose Percent Oxygen Analyzers

GPR-2600/ GPR-2600W

Oxygen Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis from 0.05% to 100% and 36 month expected sensor life**. Sensor has no maintenance, or water to add. Automated range, zero, calibration, data acquisition, system diagnostic functions. Flow control, flow indicator. Ranges- Standard: 0-1%, 0-5%, 0-10%, 0-25%.



GPR-2600 Oxygen Analyzer



GPR-2600W Oxygen Analyzer

ATEX Explosion Proof Percent Oxygen Analyzers

GPR-28 ATEX Explosion Proof Process O2 Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis from 0.05% to 100% and 36 months expected sensor life**. Sensor has no maintenance, or water to add. **ATEX certified Ex D IIB+H2 T6, CE. (Class 1, Div. 1, Groups B, C, D)** Wall mount configuration. Ranges- Standard: 0-1%, 0-5%, 0-10%, 0-25% FS ranges.



GPR-28 ATEX Explosion Proof Oxygen Analyzer

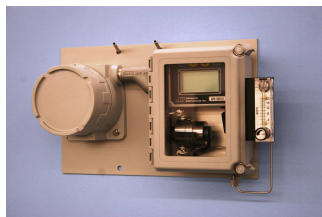
ATEX Intrinsically Safe Percent Oxygen Analyzers

GPR-2800 AIS ATEX Percent Oxygen Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis from 0.05% to 100% and 36 month expected sensor life**. Sensor has no maintenance, or water to add. Automated range, zero, calibration, data acquisition, system diagnostic functions. **Intrinsically safe oxygen transmitter, ATEX Ex II 2 G, Ex [ib] IIB T4, Tamb -20 deg. C to +50 deg. C. (Class 1, Division 1, Groups C, D)** Ranges- 0-1%, 0-5%, 0-10%, 0-25% FS ranges.



GPR-2800AIS Oxygen Transmitter (Shown with Optional Sample System)



GPR-2800AIS O2 Transmitter (No sample System)

Portable Percent Oxygen Analyzers

GPR-2000 Portable Oxygen Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis from 0.05% to 100% and 36 month expected sensor life**. Sensor has no maintenance, or water to add. Meets recognized intrinsic safety (**ATEX approval pending**) standards for use in **Class 1, Division 1, Groups C, D hazardous areas**. Automated range, zero, calibration and system diagnostic functions. Ranges- Standard: 0-1%, 0-5%, 0-10%, 0-25%



GPR-2000 Portable Oxygen Analyzer

General Purpose Ambient Air Monitor

GPR-35 Ambient Oxygen Monitor

Proprietary **Advanced Galvanic Sensor** capable of **oxygen analysis from 0.05% to 100% and 36 month expected sensor life**. Sensor has no maintenance, or water to add. Barometric pressure compensated. Battery back-up, dual OSHA Caution and Danger alarms with LED indicators. Optional High and Low alarms, 4-20mA signal output, remote sensor, integral sampling pump. NEMA 4 configuration. Ranges- Standard: 0-25%.



GPR-35 Ambient Air Monitor

Oxygen Purity Analyzers

GPR-3100 Oxygen Purity Analyzer

Proprietary **Advanced Galvanic Sensor** capable of **24 months expected sensor life of continuous oxygen analysis above 99.5% pure oxygen**. Sensor has no maintenance, or water to add. Barometric pressure compensated. Automated range, zero, calibration, and system diagnostic functions. General purpose panel mount configuration with optional bezel for 19" rack mounting. Ranges- Standard: 0-100%; and, suppressed ranges of 50-100%, 80-100%, 90-100%.



GPR-3100 Oxygen Purity Analyzer

GPR-3500MO Portable Oxygen Purity Analyzer

Proprietary **Advanced Galvanic Sensor** provides **24 months expected sensor life of continuous oxygen analysis above 99.5% pure oxygen**. Sensor has no maintenance, or water to add. Barometric pressure compensated. Operates on rechargeable battery for 30 day duty cycle after an overnight charge. General purpose NEMA 4 configuration. Ranges- Standard: 0-100%.



GPR-3500MO Portable Oxygen Purity Analyzer