

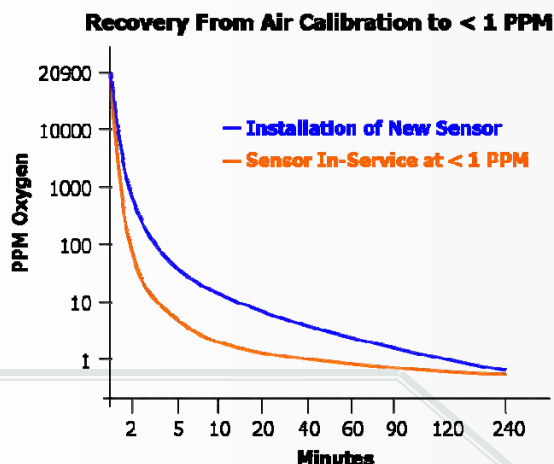
Analytical Industries Inc.
Advanced Instruments Inc.

Advanced Oxygen Sensors Competitive Replacements

Known worldwide for their quality and performance, we offer the widest range of field proven galvanic oxygen sensors for trace PPM and percentage oxygen measurements. Our advanced sensor technology eliminates many of the problems historically associated with competitive sensors and provides superior performance, recovery from exposure to air, accuracy, stability and longer life. These advanced sensors are readily available to instantly upgrade competitive analyzers.

Trace PPM O₂ Sensors

- Repeatabile fast recovery, not just at installation:

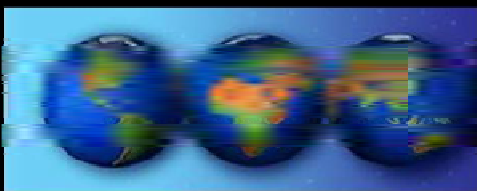


- 50 PPB sensitivity with enhanced stability
- Service life and warranty double the competition
- Superior compatibility with CO₂ gases (XLT)
- No maintenance or electrolyte to add
- Proprietary manufacturing process eliminates sources of contamination

Percent O₂ Sensors

- Extended life without sacrificing response time
- Extended operating range -20°C to +45°C
- Superior compatibility with CO₂ gases (XLT)
- No maintenance, totally self-contained
- Application tested to ensure consistent quality





Trace PPM Range Replacement Oxygen Sensors

Do not be misled . . . get fast recovery from our PPM O₂ sensors every time, not just at installation!
Upgrade your analyzer . . . fast recovery, 50 PPB sensitivity and double the life and warranty!
CO₂ in the gas stream . . . our XLT sensor is the standard for natural gas and beverage industries!



PSR-12-223-IT

Range Min: 0-10 PPM Oxygen
Range Max: 0-1% Oxygen *
Signal Output: 295-625 μ A
Response 90%: 7 sec
Expected Life: 18-24 months **
Warranty: 12 months

* Air calibrate on 0-25% range

** Normal applications

OEM Analyzers

See PSR-12-223; requires OEM Manufacturer original cell block or retrofit kit.

Replaces Sensor

Teledyne Insta Trace



PSR-12-223

Range Min: 0-10 PPM Oxygen
Range Max: 0-1% Oxygen *
Signal Output: 295-625 μ A
Response 90%: 7 sec
Expected Life: 18-24 months **
Warranty: 12 months

* Air calibrate on 0-25% range

** Normal applications

OEM Analyzers

AMI 1000 RS
AMI 2001 RS/RSP/RSM
AMI 2010 BR
AMI Watchdog
GE Panametrics OX-1
Teledyne 300 T
Teledyne 310, 311/D/XL, 3110
Teledyne 315
Teledyne 316 A/B, RA/RB
Teledyne 317 RA/RB
Teledyne 318/318 R
Teledyne 3000 TA/TA-XL/TB
Teledyne 3010 TA/TB
Teledyne 3020 T
Teledyne 3160
Teledyne 3190
Teledyne Insta Trans
Teledyne OT-3
Teledyne Turbo 2/2P

Replaces Sensor

AMI T1
GE Sensing Panametrics OX-1
Teledyne B-2/C/CAP/C-XL
Teledyne M-2
Teledyne S-2
Teledyne Z-2



PSR-12-223-L

Range Min: 0-10 PPM Oxygen
Range Max: 0-1% Oxygen *
Signal Output: 295-625 μ A
Response 90%: 7 sec
Expected Life: 18-24 months **
Warranty: 12 months

* Air calibrate on 0-25% range

** Normal applications

OEM Analyzers

See PSR-12-223; requires OEM Manufacturer original cell block or retrofit kit.

Replaces Sensor

Teledyne L-2, L-2C



XLT-12-123 ***

Range Min: 0-10 PPM Oxygen
Range Max: 0-1% Oxygen *
Signal Output: 295-625 μ A
Response 90%: 7 sec
Expected Life: 18-24 months **
Warranty: 12 months

* Air calibrate on 0-25% range

** Normal applications

*** Required when CO₂ > 0.5%

Replaces Sensor

AMI T2
GE Sensing Panametrics OX-2
Teledyne A-2, A-2C

Percentage Range Replacement Oxygen Sensors



PSR-11-21

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen
 Signal Output: 295-625 μ A
 Response 90%: 7 sec
 Expected Life: 12 months *
 Warranty: 9 months

* Normal applications



PSR-11-23

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen
 Signal Output: 235-355 μ A
 Response 90%: 13 sec
 Expected Life: 15 months *
 Warranty: 12 months

* Normal applications

OEM Analyzers

AMI 70
 AMI 111
 AMI 201 RS/RSP/RSM
 GE Panametrics OX-1
 Teledyne 300 P
 Teledyne 311 P/PC
 Teledyne 320/320 P Series
 Teledyne 326 A/B, RA/RB
 Teledyne 327 RA/RB
 Teledyne 328/328 R
 Teledyne 3000 PA/PB
 Teledyne 3010 PA/PB
 Teledyne 3020 P
 Teledyne Insta Trans
 Teledyne OT-3

Replaces Sensor

AMI P2
 GE Sensing Panametrics OX-3
 Teledyne B-1

OEM Analyzers

See PSR-11-21
 AMI 221 R
 Teledyne 335
 Teledyne 3350

Replaces Sensor

AMI P2
 Teledyne B-3



PSR-11-213**

See PSR-11-21 specifications
 Use for H₂, He, hydrocarbon gas
 ** Replaces Teledyne B-1C



PSR-11-233**

See PSR-11-23 specifications
 Use for H₂, He, hydrocarbon gas
 ** Replaces Teledyne B-3C



PSR-11-330

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen
 Signal Output: 165-235 μ A
 Response 90%: 30 sec
 Expected Life: 24 months *
 Warranty: 12 months

* Normal applications



XLT-11-15**

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen *
 Signal Output: 165-235 μ A
 Response 90%: 30 sec
 Expected Life: 15 months **
 Warranty: 12 months

* Normal applications
 ** Required when CO₂ > 0.5%

OEM Analyzers

See PSR-11-21, factory option
 AMI 210 BR

Replaces Sensor

AMI P3
 GE Sensing Panametrics OX-4
 Teledyne A-3, A-5

OEM Analyzers

See PSR-11-21, factory option

Replaces Sensor

AMI P4
 Analox C3SA
 Teledyne C-3



PSR-11-54

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen
 Signal Output: 165-235 μ A
 Response 90%: 7 sec
 Expected Life: 24 months*
 Warranty: 18 months

OEM Analyzers

See PSR-11-21, All option for fast response and long life

Percentage Range Replacement Oxygen Sensors



PSR-11-52

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen
 Signal Output: -40 to -80 μ A
 Response 90%: 7 sec
 Expected Life: 60 months *
 Warranty: 24 months

* Normal applications

OEM Analyzers

Teledyne 329
 Teledyne 3290
 Teledyne 3300

Replaces Sensor

Teledyne E-2



GPR-11-917-J (jack)

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 6 sec
 Expected Life: 36 months *
 Warranty: 12 months
 * Normal applications

GPR-11-917-M (3-pin)

See above for specifications

OEM Analyzers

Automotive Exhaust - various

Replaces Sensor

City Tech

Envitech

MSA

Teledyne R-17A (jack), R-22A (3-pin)



PSR-11-75-KE

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen
 Signal Output: 10-14 mV
 Response 90%: 13 sec
 Expected Life: 60 months *
 Warranty: 18 months

* Normal applications

OEM Analyzers

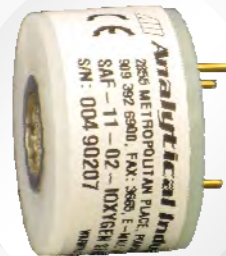
Various OEM analyzers

Replaces Sensor

Figaro KE-25 (Japan Storage)

PSR-11-75-KE4F

See specs above, o-ring front end



SAF-11-01-I

Range Min: 0-1% Oxygen
 Range Max: 0-100% Oxygen *
 Signal Output: 11-17 mV
 Response 90%: 9 sec
 Expected Life: 32 months *
 Warranty: 12 months

* Normal applications

OEM Analyzers

IST - Int'l Sensor Technology

Replaces Sensor

IST SAF-11-02-I

**Instantly upgrade your analyzer with
 O₂ sensors from Advanced Instruments**

Shipped from inventory in 24 hours!

100% Made in USA... to ISO 9001 standards