

Medical Oxygen Sensors

**The only source for all OEM and replacement
respiratory and anesthesia O₂ Sensors**



Unmatched Quality Control

Every sensor is subjected to extensive quality assurance testing providing you with documented test results and the most reliable oxygen sensors available today.

Longest Expected Life

With our technology, sensors are expected to last up to 5 years in normal use.

Realistic Warranty

Sensors are warranted for up to 18 months based on 60-70% Oxygen levels.

Superior Service

The most common products ship within 24 hours. Knowledgeable engineers and service representatives are trained and ready to assist.



Respiratory Sensors

Designed for the rigorous demands of healthcare.

PSR-11-60-08

Response Time: 6 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Analyzers/Monitors:
 Sensidyne—1000-E



PSR-11-75-KE7

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Analyzers/Monitors:
 Maxtec OM-25A, OM-25ME /OM-25MEL,
 MaxBlend & Venturi System
OEM Ventilators:
 Newport HT-70, e360 & e500



PSR-11-75-KE1

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Analyzers/Monitors:
 Maxtec OM25A &
 Vaportherm Precision Flow



PSR-11-75-KE8

Response Time: 13 seconds
Expected Life in Air: 24 months
Warranty: 24 months
OEM Ventilators:
 SLE 5000 (International Only)



PSR-11-75-KE2

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Ventilators:
 Puritan Bennet 740 (older version)



PSR-11-75-KE9

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Analyzers/Monitors:
 Carefusion / Viasys Bird Sentry Blender,
 Maxtec OM-25A &
 OM-25ME / OM-25MEL
 & MaxBlend



PSR-11-75-KE4

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Ventilators:
 Carefusion Vela



PSR-11-75-KE10+

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Analyzers/Monitors:
 Maxtec OMO2+A



PSR-11-75-KE6

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Ventilators:
 SLE 2000 (International Only)



PSR-11-75-KE13-PB

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 24 months
OEM Ventilators:
 PB 760, 840, 980, 960,
 PB# 10097559



Replacement O₂ Sensors

All O₂ sensors are manufactured in the U.S. under independently certified QA programs.

PSR-11-917-J6

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 15 months
OEM Sensors:
Envitec OOM202-1 &
IT Gambert M-03



PSR-11-77

Response Time: 6 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Analyzers/Monitors:
Newport OM100,
Sechrist 650 Monitor &
Teledyne 60T, 91 & 200



PSR-11-917-M

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 15 months
OEM Ventilators:
Siemens 300 & 900 Series,
Carefusion Avea & Sipap, GE Inent,
Versamed eVent & Taema Ceasar



PSR-11-915-G

Response Time: 9 seconds
Expected Life in Air: 60 months
Warranty: 14 months
OEM Incubators:
Ohmeda Giraffe



PSR-11-917-M2

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Ventilators:
PB 840 & PB 760



PSR-11-915-2i

Response Time: 9 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Ventilators:
Drager Baby Log & EVITA 2,
4 & XL SEMES
OEM Incubators:
Drager I800



PSR-11-917-MH

Response Time: 4 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Analyzers/Monitors:
Criticare Poet Monitor
OEM Ventilators:
Hamilton G5, Galileo,
Raphael, & Arabella



PSR-11-915-J

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Incubators:
MEDIX Natalcare
OEM Analyzers/Monitors:
MSA Mini Ox 1, 2, 3, & 3000,
Precision Medical PM5900,
PM5900L & PB7820,
Teledyne AX 300 & MX 300 &
Takaoka KT 605
OEM Ventilators:
Philips Respironics Esprit & V200,
Stephan Christina &
Taema Ceasar



PSR-11-917-MHJ

Response Time: 9 seconds
Expected Life in Air: 60 months
Warranty: 12 months
OEM Ventilators:
Biomed Device Cross Vents
w/ color display



Unmatched Quality / Longest Expected Life / Realistic Warranty / Superior Service

PSR-11-917-MHJ3

Response Time: 9 seconds
Expected Life in Air: 60 months
Warranty: 12 months
OEM Ventilators:
Biomed Device Cross Vents
w/ mono chrome black display



AII-11-60

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Analyzers/Monitors:
AII-2000A & AII-2000M



PSR-11-917-MH1

Response Time: 4 seconds
Expected Life in Air: 60 months
Warranty: 14 months
OEM Incubators:
Atom V-2100G & V-2200,
Drager C2000 & Drager /
Airshield Isolette w/ built-in



PSR-11-33

Response Time: 30 seconds
Expected Life in Air: 24 months
Warranty: 12 months
OEM Ventilators:
Hamilton Amadeus & Veolar



PSR-11-917-MH3

Response Time: 4 seconds
Expected Life in Air: 60 months
Warranty: 14 months
OEM Incubators:
Atom 100 Dual Incu I &
Atom 101 Dual Incu II I



PSR-11-55

Response Time: 9 seconds
Expected Life in Air: 42 months
Warranty: 14 months
OEM Analyzers/Monitors:
Hudson 5577, 6477 & 5590



PSR-11-917-J1

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Analyzers/Monitors:
Maxtec OM-25A &
OM-25ME / OM-25MEL



PSR-11-58

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 18 months
OEM Analyzers/Monitors:
Hudson 5800 & 5801



PSR-11-77-CT4

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 14 months
OEM Sensor:
City Tech MOX-4



PSR-11-58HC

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 14 months
OEM Analyzers/Monitors:
Hudson RCI 5802



Anesthesia Sensors

Our ranges of medical oxygen sensors are FDA-approved.

PSR-11-915-4

Response Time: 9 seconds

Warranty: 18 months

OEM Anesthesia Machines:

GE / Datex Ohmeda 7900 & 7100 Smart Vent, Aestiva 300 /5, Aespire, ADU w/ OEM Holder, Avance w/ OEM Holder & Asys w/ OEM Holder



PSR-11-55HL

Response Time: 13 seconds

Warranty: 15 months

OEM Anesthesia Machines:

Heinen & Lowenstein Leon Machine (Sold internationally only)



PSR-11-60-3

Response Time: 13 seconds

Warranty: 14 months

OEM Analyzers/Monitors:

Penlon AVS & AV900

OEM Sensor:

City Tech MOX-3



PSR-11-60-08

Response Time: 6 seconds

Warranty: 14 months

OEM Anesthesia Machines:

Mindray AS3000



PSR-11-915

Response Time: 9 seconds

Warranty: 18 months

OEM Anesthesia Machines:

Ohmeda 4700 Oxicap, 5100 Series, 5250 RGM, 7200, 7800 Series, Excel & Modules Series



PSR-11-915-2i

Response Time: 9 seconds

Warranty: 18 months

OEM Anesthesia Machines:

Drager Cato, Fabuis w/ OEM external cable, Narkomed 1A, 2, 2B, 3 & 4, Narkomed 6000 & 6400 & GS



PSR-11-917-J7

Response Time: 13 seconds

Warranty: 14 months

OEM Analyzers/Monitors:

Mindray A5, Wato EX-30 / EX-20, EX-50 / EX-55, & EX-60 / EX-65

OEM Sensor:

City Tech MOX-2



PSR-11-75-KE-250A

Response Time: 9 seconds

Warranty: 18 months

OEM Anesthesia Machines:

Space Lab Blease & Sirius Anesthesia Machine



PSR-11-77-CT4

Response Time: 13 seconds

Warranty: 14 months

OEM Sensor:

City Tech MOX-4



PSR-11-915-1

Response Time: 9 seconds

Warranty: 18 months

OEM Anesthesia Machines:

Drager Narcomed Series, 6000, 6400 & Fabius w/ OEM External cable



Anesthesia Sensors

Made in the USA - used with confidence around the world.

PSR-11-917-J3

Response Time: 13 seconds
Warranty: 18 months
OEM Anesthesia Machines:
 Datascope Anestar (new style) &
 Taema (France) Alys & Clarys



PSR-11-917-J2

Response Time: 13 seconds
Warranty: 18 months
OEM Anesthesia Machines:
 Datascope Anestar (Older)



PSR-11-915-3

Response Time: 9 seconds
Warranty: 18 months
OEM Anesthesia Machines:
 Ohmeda 5100, 5120, 5140,
 5150, 7200, 7800 & 7810

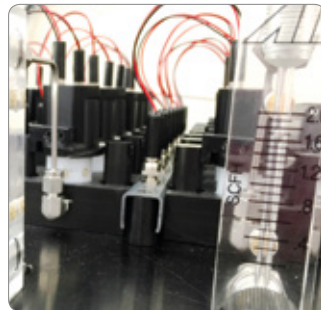
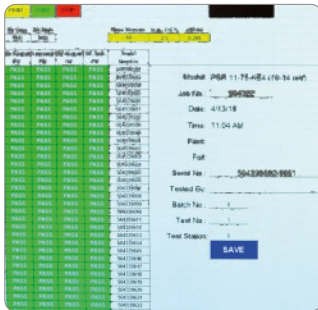


PSR-11-917-J6

Response Time: 13 seconds
Warranty: 15 months
OEM Sensors:
 Envitec OOM202-1,
 IT Gambert M-03



Unmatched Quality Control



The organization continually improves the effectiveness of the quality system and takes action to eliminate the causes of nonconformities. Following each critical operation in the assembly process, every sensor is tested to confirm signal output using equipment traceable to calibration certificates. Once the assembly is complete, the critical performance parameters of every sensor are verified by an automated test protocol which generates two reports that identify both data points and PASS/FAIL test results as illustrated below and pictured left.

OLOS Automated mV Final Test Protocol

Sensor (1-60)	Output in Air (mV)	Output in Air	Linearity to 100% O ₂	Output at 100% O ₂	Stability at 100% O ₂
1	11.5	PASS	PASS	PASS	PASS
2	12.0	PASS	PASS	PASS	PASS
3	11.0	PASS	PASS	PASS	PASS
4	11.5	PASS	PASS	PASS	PASS
5	12.3	PASS	PASS	PASS	PASS

Sensor (1-60)	Output in Air (mV)	Specification test parameters		Stability over 100 readings		Linearity to 100% O ₂	Stability at 100% O ₂	1	99	100
		Min pass	Max pass	Min	Min					
1	11.54	53.84	56.60	54.79	54.90	PASS	PASS	54.79	54.90	54.88
2	12.01	56.02	58.90	57.25	57.33	PASS	PASS	57.27	57.33	57.32
3	11.05	51.54	54.18	52.65	52.75	PASS	PASS	52.65	52.75	52.73
4	11.55	53.87	56.64	55.17	55.25	PASS	PASS	55.17	55.22	55.25
5	12.33	57.52	60.47	58.99	59.05	PASS	PASS	59.00	59.23	59.20

Serial numbers are assigned only to sensors that pass all aspects of the OLOS Final Test, thus establishing traceability.

By simulating operating conditions, the OLOS Final Test establishes documented confidence in the quality and performance of sensors accepted into inventory for shipment to customers.

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