

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. (See back page)

✓ **Longest Expected Life**

Our technology offers the longest life in the industry.

✓ **Realistic Warranty**

Sensors are warranted for up to 18 months based on 60-70% oxygen levels. Don't be misled! Get the facts!

✓ **Superior Service**

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



Respiratory Sensors



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 and
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, and MaxBlend &
Venturi System



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 840, 760, 980, & 960



The Only Source for All 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 and
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, and
Teledyne 60T, 91, & 200



PSR-11-917-M

Response Time: 13 seconds
Expected Life in Air: 60 months
Warranty: 18 months

OEM Ventilators:

Siemens 300 & 900 Series,
Carefusion Avea & Sipap,
GE Ivent, Flight Medical
HT50, Versamed eVent, and
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 and
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,
Ralphael, & Arabella



PSR-11-917-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, and
Takaoka KT 605

OEM Ventilators:

Philips Respironics Esprit & V200,
Stephan Christina, and
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, and Drager /
 Airshield Isolette w/ built-in
 monitor



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 and
 Atom 101 Dual Incu II



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



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, and 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-11-60-03

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 AS300



PSR-11-915

Response Time: 9 seconds

Warranty: 18 months

OEM Anesthesia Machines:

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



PSR-11-915-2i

Response Time: 9 seconds

Warranty: 18 months

OEM Anesthesia Machines:

Drager Cato, Fabius w/ OEM external cable, Narkomed 1A, 2, 2B, 3, & 4, Narkomed 6000 & 6400, and 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, and 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 Bleas and 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, and Fabius w/ OEM External cable

Anesthesia Sensors Continued...



PSR-11-917-J3
Response Time: 13 seconds
Warranty: 18 months
OEM Anesthesia Machines:
 Datascope Anestar (new style) and Taema (France)
 Alys & Clarys



PSR-11-917-J2
Response Time: 13 seconds
Warranty: 18 months
OEM Anesthesia Machines:
 Datascope Anestar (Older)
 0600-00-0070



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

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

1

Sensor (1-60)	Output in Air (mV)	Output in Air	Linearity to 100% O2	Output at 100% O2	Stability at 100% O2
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

2

Sensor (1-60)	Output in Air (mV)	Specification Test Parameters		Stability over 100 Readings		Linearity to 100% O2	Stability to 100% O2	1	99	100
		Min Pass	Max Pass	Min	Max					
1	11.54	53.84	56.6	54.79	54.9	PASS	PASS	54.79	54.90	54.88
2	12.01	56.02	58.9	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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