

# Medical Oxygen Sensors

**The only source for all OEM and replacement  
respiratory and anesthesia O<sub>2</sub> 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



MAX-250K MAXtec

## 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



MAX-16 for PB840

# Replacement O<sub>2</sub> Sensors

All O<sub>2</sub> 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 Ivent,  
Versamed eVent & Taema Ceasar  
**MAX-12C**



## 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  
**MAX-16**



## 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 **MAX-12**



## 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  
**Nuova E-60/0 (0-60/0)**



### 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 **MAX-10**



## 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

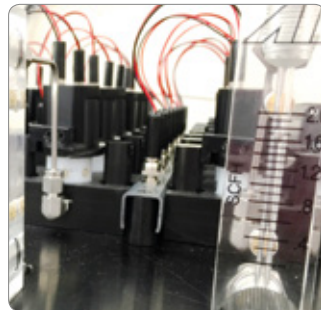
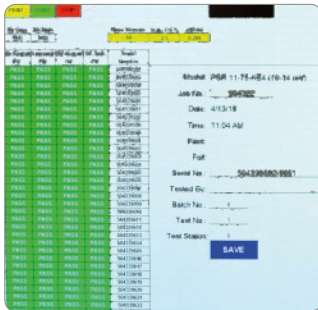


## PSR-11-917-J6

**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 <sub>2</sub>	Output at 100% O <sub>2</sub>	Stability at 100% O <sub>2</sub>
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 <sub>2</sub>	Stability at 100% O <sub>2</sub>	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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