oxygen monitoring catalogue







The Leading Medical Oxygen Monitoring Supplier

Contact Us



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Oxygen Sensors







OEM and compatible oxygen sensors for use with most oxygen analysers, oxygen monitors, anaesthesia systems, ventilators, incubators, oxygen concentrators...

see page 4...

RoHS compliant lead-free sensors



Oxygen Monitors/Analysers







see page 26...

Oxygen Monitoring

Accessories

Accessories for use with oxygen sensors, patient circuits and oxygen analysers/monitors...

A range of oxygen monitors and analysers for use in a variety of







see page 33...



Oxygen Sensors

EXPERIENCE

Viamed has been providing Oxygen Sensors since 1977. Speak to us regarding any of your oxygen sensor requirements.

WIDEST RANGE

Viamed have the widest range available on the market - we supply OEM and compatible oxygen sensors.

LATEST TECHNOLOGY

Sensors utilize the latest technology - providing high performance, reliability and accuracy.

RoHS Compliant Lead-free sensors now available see page 20.

FREE UK DELIVERY* & QUANTITY DISCOUNTS

on all oxygen sensors

No minimum order value ϑ no order processing charge

NHS Credit Facility available

Viamed's online short-form cross reference can be used to check compatibility, as well as for details of additional oxygen sensors:

www.viamed.co.uk/xref

Alternatively, or if your oxygen sensor or equipment is not listed, please contact us and we will check our comprehensive database.



Free oxygen sensor disposal service

for the safe disposal of any of your depleted oxygen sensors

0110051 T-1









Main OEM: Teledyne

OEM Sensor Part No.: A37016 Output Connector: Slip rings, 2 Sensor Output: 200 ± 40 μA Sensor Life: 18 months Response Time: ≤ 30 seconds

Warranty: 12 months

Main OEM: Datex-Ohmeda Teledyne Part No.: C41131

OEM Sensor Part No.: 0237-2034-700 Output Connector: Slip rings, 3 Sensor Output: 14.0 - 20.0 mV

with 300 Ω load

Sensor Life: 36 months Response Time: ≤ 12 seconds

Warranty: 15 months



Main OEM: Teledyne

OEM Sensor Part No.: C43690 **Output Connector:** Phone jack, 0.141"

Sensor Output: 7.0 - 13.0 mV Sensor Life: 36 months Response Time: ≤ 6 seconds

Warranty: 15 months



For our range of Oxygen Monitors and Analysers go to page 26





R-17V

0110018

W VIAMED

Main OEM: Envited

OEM Sensor Part No.: OOM103-1 **Output Connector:** Phone jack, 3.5 mm

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 5 seconds

Warranty: 15 months





R-17Vi

0110019

Main OEM: Viamed Application: Incubators

Output Connector: Phone jack, 3.5 mm

Sensor Output: 9.0 - 14.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds



Main OEM: Teledyne

OEM Sensor Part No.: C-44611 Output Connector: Molex, 3 pin plug

Sensor Output: 7.0 - 13.0 mV

Sensor Life: 36 months Response Time: ≤ 6 seconds

Warranty: 15 months



Main OEM: Dräger

OEM Sensor Part No.: 83 620 30 Output Connector: Molex. 3 pin plug

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 5 seconds

Warranty: 12 months



Main OEM: Atom Medical **OEM Sensor Part No.:** C81828-R22MATOM

Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 1.000.000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 12 months



OEM Sensor Part No.: 60859

Output Connector: Molex, 3 pin plug Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 12 months



Main OEM: Viamed **Application:** Incubators

Output Connector: Molex, 3 pin plug Sensor Output: 9.0 - 14.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 12 months



Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 14.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

0110023 R-23V







OEM Sensor Part No.: 6850645 Output Connector: Slip rings, 3 Sensor Output: 24 - 32 µA

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months



0110024 R-24MED

TELEDYNE ANALYTICAL INSTRUMENTS

Main OEM: Siemens Teledvne Part No.: C61340

OEM Sensor Part No.: 64 19 332 E380E Output Connector: Molex, 3 pin plug Sensor Output: 10.0 - 17.0 mV

Sensor Life: 24 months **Response Time:** ≤ 10 seconds

Warranty: 12 months



0110026 R-26MED

TELEDYNE ANALYTICAL INSTRUMENTS

Main OEM: Respironics

OEM Sensor Part No.: 8-100412-00 Output Connector: Phone jack, 0.141"

Sensor Output: 7.0 - 13.0 mV Sensor Life: 24 months Response Time: ≤ 10 seconds

Warranty: 12 months



0110040 R-30V

M VIAMED

Main OEM: GE Healthcare

OEM Sensor Part No.: 6050-0004-110 Output Connector: Phone socket, 6P4C

Sensor Output: 10.0 - 12.0 mV

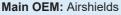
Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months



0110041 R-41V **M** VIAMED



OEM Sensor Part No.: 6735142

Output Connector: Phone socket, 3.5 mm

Sensor Output: 13.0 - 16.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months

0110042 R-42V M VIAMED D | Medical

Main OEM: Stephan

OEM Sensor Part No.: 130060001 Output Connector: AMP plug, 2 pin Sensor Output: 9.0 - 11.5 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds



0110043 R-43V Pack of 2





0110044 R-44V

W VIAMED

Main OEM: Datex-Ohmeda

OEM Sensor Part No.: 6600-1278-600

Output Connector: Slip rings, 2 Sensor Output: 28.0 - 50.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 6 months

Main OEM: MSA

OEM Sensor Part No.: 806572

Output Connector: Molex socket, 3 way

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months



0110045 R-45V





0110047 R-47V

M VIAMED

Main OEM: Datascope

OEM Sensor Part No.: 0600-00-0002 **Output Connector:** Molex, 3 pin plug

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months

Main OEM: Acutronic

OEM Sensor Part No.: OOM204 Output Connector: Molex, 3 pin plug Sensor Output: 9.0 - 13.5 mV (2 channels) Sensor Life: ≥ 500,000 % oxygen hours

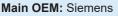
Response Time: ≤ 12 seconds

Warranty: 15 months



0110049 R-49V





OEM Sensor Part No.: 64 19 332 E380E Output Connector: Molex, 3 pin plug Sensor Output: 13.0 - 16.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months



0110057 T-7



Main OEM: Teledyne

OEM Sensor Part No.: A51327

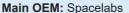
Output Connector: Phone socket, 4 way

Sensor Output: 0.4 ± 0.1 µA Sensor Life: 36 months Response Time: ≤ 6 seconds



0110058 T-7∨





OEM Sensor Part No.: 010-1120-01 **Output Connector:** DIL, 10 pin

Sensor Output: 3.4 ± 0.4 V @ 100% oxygen

Sensor Life: 24 months

Response Time: ≤ 130 milliseconds

Warranty: 12 months

Main OEM: Envited

OEM Sensor Part No.: OOM105

Output Connector: Phone socket, 4 way

Sensor Output: $0.4 \pm 0.1 \mu A$

Sensor Life: ≥ 500,000 oxygen hours

Response Time: ≤ 5 seconds

Warranty: 15 months



Main OEM: Analytical Industries
OEM Sensor Part No.: PSR-11-915
Output Connector: Slip rings, 3
Sensor Output: 17.0 ± 3.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 13 seconds

Warranty: 12 months



Main OEM: Dräger

OEM Sensor Part No.: 6850645 **Output Connector:** Slip rings, 3 **Sensor Output:** 12.2 - 18.1 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



0110403 MAX-3



×_AV_M

0110460 MAX-7

0110081

UFO 130-2
TELEDYNE

ANALYTICAL INSTRUMENTS



Main OEM: City Technology OEM Sensor Part No.: MOX-3

Output Connector: Phone socket, 4 way

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 12 months

Main OEM: Maxtec

OEM Sensor Part No.: R109P09 **Output Connector:** Phone jack, 3.5 mm

Sensor Output: 8.0 - 12.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds



Main OEM: Maxtec

OEM Sensor Part No.: R109P13 Output Connector: Phone jack, 3.5 mm

Sensor Output: 3.5 - 7.5 mV

Sensor Life: ≥ 1.000.000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 12 months



Main OEM: Teledyne

OEM Sensor Part No.: B39636-R13 Output Connector: 1 mm pin, x 4 Sensor Output: 26.4 - 44.0 mV

Sensor Life: 6 months

Response Time: ≤ 20 seconds

Warranty: 14 months



Main OEM: Dräger

Application: Fabius, Evita, Babylog, Cato

Output Connector: Slip rings, 3 Sensor Output: 14.0 - 20.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 12 seconds

Warrantv: 12 months



Compatible lead-free sensors are now available. See page 19 for more information.

0110441



MAX-11i





0110412 MAX-12



Main OEM: Dräger

OEM Sensor Part No.: 6850645 Output Connector: Slip rings, 3 Sensor Output: 14.0 - 20.0 mV

Sensor Life: ≥ 750,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 12 months

Main OEM: Siemens

OEM Sensor Part No.: 9004979-E347E Output Connector: Molex, 3 pin plug **Sensor Output:** 12.5 - 16.5 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds



0110462 MAX-12A





0110424 MAX-12C

maxtec

Main OEM: Philips (Respironics)

Application: NeoPAP

Output Connector: Molex, 3 pin plug

Sensor Output: 8.0 - 13.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 14 months

Main OEM: Viasys

Application: Avea Ventilator

Output Connector: Molex, 3 pin plug

Sensor Output: 8.0 - 13.0 mV Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 14 months



0110413 MAX-13

• maxtec

Main OEM: Philips (Respironics)
Application: Criterion Vent

Output Connector: Phone jack, 3.5 mm

Sensor Output: 13.0 - 16.5 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 14 months



0110463 MAX-13C



Main OEM: BioMed Devices OEM Sensor Part No.: 4433

Output Connector: Phone jack, 2.5 mm

Sensor Output: 13.0 - 17.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 13 seconds

Warranty: 14 months



Main OEM: BioMed Devices OEM Sensor Part No.: Crossvent 2+, 2i+, 3+, 4+

Output Connector: Phone jack, 2.5mm

Sensor Output: 10.5 - 15.0 mV

Sensor Life: 3 years

Response Time: ≤ 15 seconds

Warranty: 12 months



Main OEM: Maxtec

OEM Sensor Part No.: R125P07 **Output Connector:** Phone jack, 3.5 mm

Sensor Output: 12.0 - 17.0 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds



0110414 MAX-14

maxtec



0110420 MAX-14 (Fluke)





Main OEM: MSA

OEM Sensor Part No.: 806572 Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 1.000.000 % oxygen hours

Response Time: ≤ 13 seconds

Warranty: 14 months

Main OEM: Fluke

OEM Sensor Part No.: R116P82-001 Output Connector: Molex SL, 2 pin Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 12 months



0110416 MAX-16

maxtec

§16HT

0110421 MAX-16HT

maxtec

Main OEM: Nellcor Puritan Bennett **OEM Sensor Part No.: 4-072214-00** Output Connector: Molex, 3 pin plug

Sensor Output: 8.5 - 15.0 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 16 months

Main OEM: Versamed Application: Vent

Output Connector: Molex, 3 pin plug Sensor Output: 9.5 - 16.0 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 18 months



0110417 MAX-17





0110418 MAX-18



Main OEM: Teledyne **OEM Sensor Part No.:** T-7

Output Connector: Phone socket, 4 way

Sensor Output: 7.5 - 12.5 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 8 seconds

Warranty: 12 months

Main OEM: Teledyne

OEM Sensor Part No.: C-1R Output Connector: Slip rings, 2 Sensor Output: 200 ± 40 µA

Sensor Life: ≥ 250,000 % oxygen hours

Response Time: ≤ 13 seconds



Main OEM: Teledyne
OEM Sensor Part No.: T-1
Output Connector: Slip rings, 2
Sensor Output: 170 - 230 µA

Sensor Life: ≥ 250,000 % oxygen hours

Response Time: ≤ 20 seconds

Warranty: 12 months



Main OEM: Teledyne

OEM Sensor Part No.: R-22MED
Output Connector: Molex, 3 pin plug

Sensor Output: 8.0 - 13.0 mV

Sensor Life: ≥ 500,000 % oxygen hours **Response Time:** 1.5 - 3.5 seconds

Warranty: 12 months



Free oxygen sensor disposal service

for the safe disposal of any of your depleted oxygen sensors



Main OEM: Maxtec

OEM Sensor Part No.: R109P15 **Output Connector:** AMP plug, 2 pin **Sensor Output:** 8.5 - 11.5 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 16 months



Main OEM: Figaro

OEM Sensor Part No.: KE-25 Output Connector: Unterminated Sensor Output: 10.0 - 15.5 mV

Sensor Life: 5 years

Response Time: 14 ± 2 seconds

Warranty: 24 months



Main OEM: GE (Ohmeda)
Application: Giraffe

Output Connector: Slip rings, 2 Sensor Output: 25.0 - 35.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 17 seconds



Main OEM: Teleflex (Hudson) OEM Sensor Part No.: 5803

Output Connector: Phone socket, 4 way

Sensor Output: 4.0 - 11.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 12 months



Main OEM: Analytical Industries OEM Sensor Part No.: All-11-60

Output Connector: Phone socket, 4 way

Sensor Output: 3.8 - 4.8 mV

Sensor Life: ≥ 500,000 % oxygen hours **Response Time:** ≤ 12 seconds

Warranty: 12 months



Main OEM: Figaro

OEM Sensor Part No.: KE-50 **Output Connector:** 2 pin socket **Sensor Output:** 47.0 - 65.0 mV

Sensor Life: 5 years

Response Time: 60 ± 5 seconds

Warranty: 24 months



OEM Sensor Part No.: R109P21 **Sensor Output:** 8.0 - 15.0 mV

Warranty: 12 months



Main OEM: Covidien

OEM Sensor Part No.: 4-072214-00 Output Connector: Molex, 3 pin plug Sensor Output: 10.0 - 15.5 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 12 months



Main OEM: Fluke

OEM Sensor Part No.: R116P82-001 Output Connector: Molex SL, 2 pin Sensor Output: 10.5 - 15.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 15 seconds



Main OEM: Maxtec

OEM Sensor Part No.: R125P01-002 Output Connector: 2 pin socket **Sensor Output:** 10.0 - 15.5 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



Main OEM: Maxtec

OEM Sensor Part No.: R125P01-007 Output Connector: 2 pin socket

Sensor Output: 10.0 - 15.5 mV Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



OEM Sensor Part No.: R125P02-011 Output Connector: Molex SL, 2 pin **Sensor Output:** 10.0 - 15.5 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



Main OEM: Blease

OEM Sensor Part No.: 70300001

Output Connector: Phone socket, 4 way

Sensor Output: 11.0 ± 2.5 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



Main OEM: Maxtec

OEM Sensor Part No.: R125P02-003 **Output Connector:** Unterminated **Sensor Output:** 10.0 - 15.5 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



OEM Sensor Part No.: R125P03-002 Output Connector: Mini power socket

Sensor Output: 10.0 - 15.5 mV Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds



OEM Sensor Part No.: R115P85 Output Connector: Mini power socket

Sensor Output: 12.0 ± 2.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 5 seconds

Warranty: 12 months



Output Connector: Mini power plug **Sensor Output:** 10.0 - 15.5 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



OEM Equipment: Vela T2 **Output Connector: Panduit**

Sensor Output: 10.0 - 15.5 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



OEM Sensor Part No.: R125P18-012

Output Connector: Molex, 3 pin plug, 3P2C

Sensor Output: 11.0 ± 2.5 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



Main OEM: Maxtec

OEM Sensor Part No.: R140P02 **Application:** MaxO2 ME Monitor

Output Connector: Stereo phone jack, 3.5 mm

Sensor Output: 10.5 - 15.0 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds

Warranty: 24 months



Main OEM: Maxtec

Application: MaxBlend Devices

Output Connector: Stereo phone jack, 3.5 mm

Sensor Output: 10.5 - 15.0 mV

Sensor Life: ≥ 1,500,000 % oxygen hours

Response Time: ≤ 15 seconds



0110584 OOM103-1M

ENVITEC by Honeywell



0110565 OOM109

ENVITEC

Main OEM: Maxtec

OEM Sensor Part No.: MAX-250ESF **Output Connector:** Mini power socket

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 5 seconds

Warranty: 15 months

Main OEM: Cortex

Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 200,000 % oxygen hours **Response Time:** ≤ 360 milliseconds

Warranty: 9 months



0110566 OOM109-LF2

ENVITEC by Honeywell

Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 200,000 % oxygen hours **Response Time:** ≤ 360 milliseconds

Warranty: 9 months



Main OEM: Envited

OEM Sensor Part No.: 01-00-0114

Output Connector:

Stereo phone jack, 3.5 mm Sensor Output: 11.0 - 13.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months



0110579 OOM113



Main OEM: City Technology OEM Sensor Part No.: MOX-3

Output Connector: Phone socket, 4 way

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 12 seconds

Warranty: 15 months



0110660 OOI103

ENVITEC by Honeywell

Main OEM: Envited

OEM Sensor Part No.: 01-00-0095 Output Connector: Slip rings, 4 Sensor Output: 9.0 - 15.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 13 seconds



0110524 KE-25

Output Connector: Unterminated Inlet Connector: Hexagon moulding Sensor Output: 10.0 - 15.5 mV

Sensor Life: 5 years

Response Time: 14 ± 2 seconds

Warranty: 12 months



0110529 KE-25F1



Output Connector: Unterminated Inlet Connector: Hexagon moulding Sensor Output: 10.0 - 15.5 mV

Sensor Life: 5 years

Response Time: 14 ± 2 seconds

Warranty: 12 months

Viamed's online short-form cross reference can be used to check compatibility, as well as for details of additional oxygen sensors:

www.viamed.co.uk/xref

Alternatively, or if your oxygen sensor or equipment is not listed, please contact us and we will check our comprehensive database.



0110534 KE-25F3



Output Connector: Unterminated Inlet Connector: Threaded, M16 x 1 mm

Sensor Output: 10.0 - 15.5 mV

Sensor Life: 5 years

Response Time: 14 ± 2 seconds

Warranty: 12 months



0110539 KE-25F4



Output Connector: Unterminated Inlet Connector: O Ring, 16 mm Sensor Output: 10.0 - 15.5 mV

Sensor Life: 5 years

Response Time: 14 ± 2 seconds

Warranty: 12 months



0110544 KE-50



Output Connector: Unterminated Inlet Connector: Hexagon moulding Sensor Output: 47.0 - 65.0 mV

Sensor Life: 10 years

Response Time: 60 ± 5 seconds



ROHS COMPLIANT



The Restriction of the Use of Certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment (EEE) Directive (2011/65/EU) 8th June 2011 was transposed into UK law on the 2nd January 2013. Under the recast RoHS, lead anodes in electrochemical oxygen sensors had been granted exemption status until 22nd July 2021.

However, the European Commission received two exemption requests during the period November-January 2019/2020. Therefore, whilst the review process is carried out, the exemption status has in effect been extended, until the Commission's decision is finalised.

In the meantime, Viamed continues to introduce and phase in a range of RoHS Compliant lead-free alternatives. Should you be unable to find the lead-free alternative you require, please contact us or visit our website... www.viamed.co.uk/xref

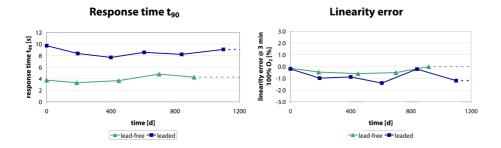


- RoHS compliant (lead-free)
- One-to-one direct replacement for standard legacy 'leaded' sensors

Viamed Part No.	Original Sensor Description	Envitec Lead-Free Alternative
0110018	Viamed R-17V	0110810 / OOMLF103-1 / 1002534
0110019	Viamed R-17Vi	0110801 / OOMLF102-1 / 1002532
0110020	Viamed R-22Vi	0110800 / OOMLF102 / 1002523
0110021	Viamed R-22MEDV	0110809 / OOMLF103 / 1002533
0110040	Viamed R-30V	0110803 / OOMLF110 / 1002536
0110041	Viamed R-41V	0110806 / OOMLF202-1 / 1002540
0110042	Viamed R-42V	0110808 / OOMLF202-2S / 1002608
0110044	Viamed R-44V	0110807 / OOMLF202-2 / 1002606
0110045	Viamed R-45V	0110802 / OOMLF106 / 1002582
0110049	Viamed R-49V	0110805 / OOMLF202 / 1002539
0110585	Envitec OOM103-1M	0110811 / OOMLF103-1M / 1000090
0110560	Envitec OOM111	0110804 / OOMLF111 / 1002537



- RoHS compliant (lead-free)
- For use with latest generation and future monitoring equipment; offering faster response time and reduced linearity error.





Main OEM: Envited

OEM Sensor Part No.: 1002523
Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 14.0 mV Sensor Life: < 700,000 hours Response Time: ≤ 12 seconds

Warranty: 15 months



Main OEM: Envited

OEM Sensor Part No.: 1002532
Output Connector: Phone jack, 3.5 mm

Sensor Output: 9.0 - 14.0 mV Sensor Life: < 700,000 hours Response Time: ≤ 12 seconds

Warranty: 15 months



Main OEM: Envited

OEM Sensor Part No.: 1002533 Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 13.0 mV

Sensor Life: < 2 years Response Time: ≤ 7 seconds

146

Warranty: 15 months



Main OEM: Envited

OEM Sensor Part No.: 1002534
Output Connector: Phone jack, 3.5 mm

Sensor Output: 9.0 - 13.0 mV

Sensor Life: < 2 years

Response Time: < 7 seconds

Warranty: 15 months



0110811 OOMLF103-1M

ENVITEC

by Honeywell



Main OEM: Maxtec

OEM Sensor Part No.: MAX-250ESF **Output Connector:** Mini power socket

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 500,000 % oxygen hours

Response Time: ≤ 5 seconds

Warranty: 15 months



0110802 OOMLF106

ENVITEC

by Honeywell



Main OEM: Envited

OEM Sensor Part No.: 1002582 Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 13.0 mV Sensor Life: < 700,000 hours Response Time: ≤ 12 seconds



0110803 OOMLF110

ENVITEC

by Honeywell

Main OEM: Envited

OEM Sensor Part No.: 1002536

Output Connector: Phone socket, 6P4C

Sensor Output: 9.0 - 13.0 mV Sensor Life: < 700.000 hours Response Time: ≤ 12 seconds

Warranty: 15 months



0110804 OOMLF111

ENVITEC by Honeywell

Main OEM: Envited

OEM Sensor Part No.: 1002537 Output Connector: Phone jack, 3.5 mm

Sensor Output: 11.0 - 13.0 mV Sensor Life: < 700.000 hours Response Time: ≤ 12 seconds

Warranty: 15 months



0110805 OOMLF202

ENVITEC

by Honeywell

Main OEM: Envited

OEM Sensor Part No.: 1002539 Output Connector: Molex, 3 pin plug Sensor Output: 10.0 - 14.0 mV

Sensor Life: < 700,000 hours Response Time: ≤ 12 seconds

Warranty: 15 months



0110806 OOMI F202-1

ENVITEC

by Honeywell

Main OEM: Envited

OEM Sensor Part No.: 1002540

Output Connector: Phone jack, 3.5 mm

Sensor Output: 10.0 - 14.0 mV Sensor Life: < 700,000 hours Response Time: ≤ 12 seconds

Warranty: 15 months



0110807 OOMLF202-2

ENVITEC

by Honeywell

Main OEM: Envited

OEM Sensor Part No.: 1002606

Output Connector: Molex socket, 3 way

Sensor Output: 9.0 - 13.0 mV Sensor Life: < 700,000 hours Response Time: ≤ 12 seconds

Warranty: 15 months



Main OEM: Envited

OEM Sensor Part No.: 1002608 Output Connector: AMP plug, 2 pin Sensor Output: 9.0 - 11.5 mV Sensor Life: < 700,000 hours

Response Time: ≤ 12 seconds



Output Connector: Phone jack, 3.5 mm

Sensor Output: 13.0 - 16.5 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



0110701 MLF-04

Main OEM: I.T. Gambert

OEM Sensor Part No.: 410606 Output Connector: Molex, 3 pin plug

Sensor Output: 13.0 - 16.5 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



Main OEM: I.T. Gambert

Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 13 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



Main OEM: I.T. Gambert

OEM Sensor Part No.: 410523 Output Connector: Phone jack, 3.5 mm

Sensor Output: 8.0 - 13.0 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



OEM Sensor Part No.: 470316 Output Connector: Molex, 3 pin plug Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



0110705 MLF-19

Main OEM: I.T. Gambert

OEM Sensor Part No.: 470042

Output Connector: Phone socket, 4 way

Sensor Output: 9.0 - 13.0 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds



Main OEM: I.T. Gambert OEM Sensor Part No.: 410032

Output Connector: Slip rings. 2 Sensor Output: 11.0 - 15.0 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



0110706

0110707 MLF-60HC



Main OEM: I.T. Gambert

OEM Sensor Part No.: 410040 Output Connector: Molex, 3 pin plug

Sensor Output: 0.8 - 1.25 V

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



Main OEM: I.T. Gambert OEM Sensor Part No.: 410033 Output Connector: Molex, 3 pin plug

Sensor Output: 9.0 - 14.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 650 milliseconds

Warranty: 15 months



Main OEM: I.T. Gambert OEM Sensor Part No.: 410035 Output Connector: Molex, 3 pin plug Sensor Output: 9.0 - 14.0 mV

Sensor Life: ≥ 1,000,000 % oxygen hours

Response Time: ≤ 350 milliseconds

Warranty: 15 months



OEM Sensor Part No.: 471116

Output Connector: Molex, 4 pin plug (digital sensor output signal, I2C interface) Sensor Output: 2546 - 4455 bytes

Sensor Life: ≥ 2,000,000 % oxygen hours

Response Time: ≤ 7 seconds

Warranty: 15 months



OEM Sensor Part No.: R115P61 Output Connector: Phone jack, 3.5 mm

Sensor Output: 8.0 - 13.0 mV

Sensor Life: ≥ 2,000,000 % oxygen hours

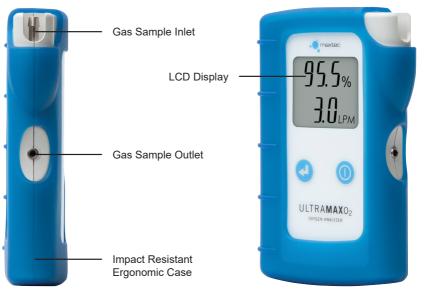
Response Time: ≥ 10 seconds

UltraMaxO₂

The UltraMaxO₂ offers a fast and easy verification of oxygen concentration, flow and outlet pressure of oxygen concentrators

- Accurately measures oxygen, flow & pressure
- · No oxygen sensor required
- No in-field calibration
- Self-diagnostics
- Shielded, reinforced sample gas inlet port
- Measurement range: 20.9 96%
- · Warranty: 36 months





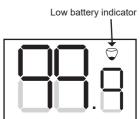
OxiQuant S



Oxygen Analyser

Used to determine oxygen concentrations in gas mixtures, delivered by oxygen concentrators, blenders...







0111275

- Flexible manual calibration
 - Auto-off (after 3 minutes)
- Response time:
 - < 13 seconds to 90% of value
- Sensor (with integrated battery) can be replaced
- Warranty: Analyser 24 months, sensor 15 months

Note: Not approved for monitoring medical breathing air whilst in direct contact with patients.

Includes operator manual and the following standard accessories:



 $C \in$







^{*} Also available in pack quantity 0120093 - pack of 10 ** Also available in pack quantity 0120174 - pack of 50

Handi+



Oxygen Analyser

This analyser is great for spot-checking oxygen percentage in hospitals, clinics and in homecare environments. Includes integrated sensor and battery.





Address of the second of the s

 One-touch calibration (room air 20.9% oxygen, or 100% oxygen)

Auto-off (after 80 seconds)

Response time:

< 15 seconds to 90% of value

Disposable at end of sensor life

· Warranty: 24 months

C€0123

0111250

Includes operator manual and the following standard accessories:







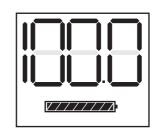
0111260

MaxO₂+A

The MaxO₂+A analyser is ideal for checking oxygen percent accuracy in oxygen concentrators.

- Integral sensor
- Long battery life (approximately 5,000 hours on 2 x AA batteries)
- Ergonomic hand-held design
 - Impact resistant and drip proof
- Large LCD with 3.5 digit display
- One-touch calibration
 Warranty: 24 months









C€0123

Includes the following standard accessories:







Flow Diverter 15 mm O.D.



Oxygen Concentrator Adapter Cap

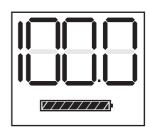
MaxO₂+AE

The MaxO₂+AE is best used anywhere an inline analyser is needed, when alarms are not deemed important. It is especially useful in conjunction with older ventilators or oscillators.

Standard cable version - 0111261 Short cable version - 0111262

- External sensor
- Long battery life (approximately 5,000 hours on 2 x AA batteries)
- Ergonomical hand-held design
- Impact resistant and drip proof
- Large LCD with 3.5 digit display
- One-touch calibration
- Warranty: 24 months









C€0123

Includes the following standard accessories:

Single Unit Supplied











'V' Mount Assembly

0111263

MaxO₂ ME Oxygen Monitor

The MaxO₂ ME oxygen monitor with backlit LCD display, smart alarms, built-in kickstand and protective overmould

Long battery life (approximately 5.000 hours on 4 x AA batteries)

Adjustable alarms from 15 - 99%

Smart alarms

Sets alarms 3% ± current reading

Back lit LCD display

DC power port
 (power supply sold seperately)

Protective overmould

• I Totective overmould

Built-in kickstand and dove tail mount

Warranty: 24 months



Includes the following standard accessories:







Single Unit Supplied



See page 33 for optional extra accessories...

ENVITEC by Honeywell

MySign® O
Oxygen
Monitor

0111276 Monitor only 0111277 Kit including charger

- Fast and accurate measurement
- Lightweight, fast, simple and reliable
- For use in: general clinical applications, neonatal and intensive care units, emergency and rescue services, CPAP machine and oxygen concentrator applications...
- Wide range of functions
- Robust design IP54, IK05 ratings
- Extra large easy-to-read rotating TFT colour display
- Certified bio-compatibility
 - Warranty: 24 months











C€0123

Includes the following standard accessories:

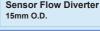














MySign O Mains Power Supply including UK / EU / USA / JPN adapters

Oxygen Monitoring

Accessories

	Supplied as Standard							
•	Optional Accessories	ø			ш		- Only	Kit
		OxiQuant S	Handi+	MaxO ₂ +A	MaxO ₂ +AE	MaxO ₂ ME	MySign O Moniotor Only	MySign O
Part No.	Description	Oxic	Han	Max	Max	Max	Mor	Mys
0120099	Teledyne Flow Diverter 15 mm O.D.	•	•	•	•	•	•	•
0120092	Viamed Flow Diverter 15 mm O.D.	•	•	•	•	•	•	•
0120095	Maxtec Flow Diverter 15 mm O.D.	•	-	-	-	-	•	•
0120097	Maxtec Flow Diverter 18 mm O.D.	•	•	•	•	•	•	•
0120399	'T' Adapter 22 mm I.D 22 mm O.D.	•						
0120103	'T' Adapter 15 mm I.D 15 mm O.D., T = 15 mm I.D. for paediatric circuits	•	•	•	•	•	•	•
0121205	Calibration Assembly	•	•	•	•	•	•	•
0120101	Adapter Cap 22 mm I.D.	•	•	•	•	•	•	•
0120102	Adapter Cap 22 mm O.D.	•	•	•	•	•	•	•
0120120	Oxygen Concentrator Adapter Cap	•	•		•	•	•	•
0120125	Oxygen Connector 22 mm l.D 22 mm l.D.	•	•	•	•	•	•	•
0120126	Oxygen Connector 22 mm O.D 22 mm O.D.	•	•	•	•	•	•	•
0120127	Oxygen Connector 15 mm I.D./22 mm O.D 6.5 mm (tapered)	•	•	•	•	•	•	•
0131150	Sensor Cable - Straight 3 m, right angled connectors						•	•
0131201	Sensor Cable - Coiled 1 m, extendable, straight connectors						•	•
0131202	Sensor Cable - Coiled 0.9 m, extendable, right angled connectors						•	•
0121350	Sensor Cable - Coiled 0.5 m, extendable, right angled connectors							
0131700	Sensor Cable - Coiled 10ft fully extended, straight connectors							
0121302	'V' Mount Assembly			•				
0121180	'V' Wall Mount			•	•	•		
0121181	'V' Mount Pole Clamp: Small			•	•	•		
0121182	'V' Mount Pole Clamp: Large			•	•	•		
0121184	'V' Mount Rail Clamp			•	•	•		
0121197	'V' Mount Pole Clamp: Horizontal			•	•	•		
0121200	Universal Mounting Clamp			•	•			

Part No.	Description	OxiQuant S	Handi+	MaxO ₂ +A	MaxO ₂ +AE	MAXO ₂ ME	MySign O Moniotor Only	MySign O Kit
0121351	MySign O Universal Mounting Clamp						•	•
0121301	Belt Clip & Pin Assembly			•	•	•		
0121305	Rubber Overmould for Handi+, Blue		•					
0121300	Lanyard			-	-			
0110427	MAX-250+ Oxygen Sensor							
0110429	MAX-250E Oxygen Sensor							
0110430	MAX-250ESF Oxygen Sensor				•			
0110452	MAX-550E Oxygen Sensor							
0110560	OOM111 Oxygen Sensor						•	-
0110660	OOI103 Oxygen Sensor	•						
0120121	Flowcheck	•	•	•	•	•	•	•
0121318	Remote Power Supply including UK/USA/EU adapters					•		
0121352	Power Supply including UK/EU/USA/JPN adapters						•	•
0120124	Connector 22 mm oxygen stem	-	•	•	•	•	•	•

Flow Diverters for use with oxygen sensors with an M16 x 1 mm input thread









$\mathsf{T}\mathsf{Adapt}$ ers for use with 15 mm O.D. flow diverters

















22 mm l.D. - 22 mm l.D.



15 mm I.D./22 mm O.D. -22 mm O.D.



15 mm I.D. /22 mm O.D. -6.5 mm (tapered)



15 mm I.D. - 22 mm I.D.

0120121





- Simple to use and easy to read
- Convenient pocket-size
- For sensors/analysers with threaded input M16 x 1 mm
- Check flow and O₂% all-in-one
- Range 0 8 LPM
- Accuracy ± 0.4 LPM
- Whilst stocks last

Maxtec FlowCheck

Working in conjunction with oxygen analysers, providing users with the ability to check oxygen concentration and flow all at once. This flowmeter will indicate the flow from 0 - 8 litres per minute and is useful in multiple applications.







(Coiled 0.9m, extendable) Right angled connectors





'V' Mount Pole Clamp

14 - 25 mm clamping width



'V' Mount Pole Clamp Large:

16 - 40 mm clamping width



'V' Mount Rail Clamp Attaches to most types of medirail 30 mm (H) x 10 mm (D)



10 - 44 mm clamping width







'V' Mount Assembly for use with Maxtec MaxO, To attach to V mount clamps





Rubber Overmould. Blue for use with Handi+





MAX-250+ Oxygen Sensor



MAX-250E Oxygen Sensor



Oxygen Sensor



MAX-550E Oxygen Sensor for use with MaxO2 ME Oxygen Monitors



Sensor Cable Coiled, 10ft fully extended, straight connectors. For use with MaxO, ME





Envited Specific Accessories

ENVITEC by Honeywell



OOM111 Oxygen Sensor



OOI103 Oxygen Sensor



USB Cable



MySign O Mains Power Supply including UK / EU / USA / JPN adapter



(Coiled 0.5m, extendable) Right angled connector



Flow Sensors

For flow measurement of gas delivered by anaesthesia systems and ventilators.

Flowsensor A - Single Use Flow Sensor

Hot-wire anemometric flow sensor

Compatible to the Dräger SpiroLife flow sensor: Part no. 8403735. Viamed Part Number: 4310001

Flowsensor A(PC) - Autoclavable Flow Sensor

Compatible to the Dräger SpiroLife flow sensor: Part no. MK 01900.

Viamed Part Number: 4310002

Flowsensor H - Single Use Flow Sensor

Differential pressure flow sensor for use with Hamilton ventilators

Compatible to Hamilton Medical H7400 Accu Tach flow sensor

Viamed Part Number: 4310003



VersaStream® Gas Sampling Lines

The cost-effective alternative to Nafion and Water traps

VersaStream sampling lines for sidestream capnography offer innovative one-piece sampling solutions with increased performance.

Why VersaStream CO, sampling lines?

- One-piece sampling line solution
- Cost-effective alternative to Nafion[©] tubes from £6.80 per patient*
- The gas-selective non-porous material facilitates fast and complete removal of condensation from the sampling line
- The integrated bacterial filter prevents contamination
- Reliable measured gas values, due to negligible dead space volume of the filter - even in cases of high respiration rates
- Integrated bacteria filter and water removal reduces the number of patient circuit parts and speeds up patient monitoring preparation time

Available in a number of variants including:



Nasal Sampling Line



Nasal Cannula



Nasal/Oral Cannula



Airway Adapter Sampling Line



Luer Lock Male

^{*} Type and size dependant

Compatible with Masimo, Phase-In, Spacelabs & Viamed

For use with VM-2500 Sidestream Capnographs and Masimo/Phase-In technology enabled capnographs



Luer Lock Male

For use with Capnographs and Multigas Monitors that incorporate a Luer Lock sampling port



Oridion Compatible

Nellcor, Covidien, Medtronics For use with Oridion (Medtronics/ Covidien/Nellcor) capnographs, as well as capnographs and patient monitors from other manufacturers that incorporate Microstream® technology, such as Philips, Dräger, Physio Control, Zoll...



For cross reference information please go to www.viamed.co.uk/linesxref



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Part Number: 9990100 UK Date: 12/23

Specification subject to change