

# Oxygen Sensors



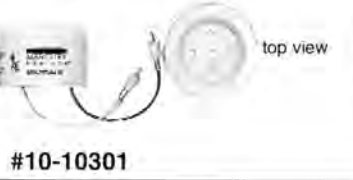
#10-10300

**REPLACES:**  
 B&F Medical (Allied Healthcare) - 65004 (reuse leads)  
 Bertucci  
 Bio-Med Devices  
 Bio-Tek  
 Catalyst (MSA) - 478841 & 485955  
 Ceramtec/Maxtec - CAG-19/MAX-19  
 Diversified Diagnostics

Elmed (Italy)  
 Emerson  
 EnviteC - OOM107  
 Fraser Harlake - 66-00453  
 Hamilton - HM-01  
 Harris ake - 66-00453  
 Healthdyne  
 Heyer

Hudson RCI - 5569  
 Inmed  
 Medigas (Canada)  
 Megamed (Switzerland) - M1  
 Novacare  
 Oxèquip (Allied)  
 Oxitron - 3250  
 Pacifitech - PT-01

Patient Tech  
 Schoch (Switzerland)  
 Sensor Tec (BPR Medical) - ST-01  
 Sun Medical  
 Teledyne - A-37016T1  
 Toptronics (Italy)  
 Vickers (incubator & Monitor)



#10-10301

**REPLACES:**  
 Catalyst (MSA) - 485905 & 655262  
 Ceramtec/Maxtec - CAG-15/MAX-15 & CAG-18/MAX-18  
 EnviteC - OOM107-2  
 Hudson RCI - 5565 & 5568  
 Inmed

Megamed (Switzerland) - M2  
 Oxitron - 3050  
 Pacifitech - PT-02 & PT-65  
 Sensor Tec (BPR Medical) - ST-02  
 Teledyne - B-39022 C1R & B-39023 C2R



#10-10314

Replacement oxygen sensor for Puritan Bennett model 840 ventilator.

**NEW**

Please refer to Mercury Medical's insert. "O<sub>2</sub> Wall Chart" for a complete listing of available sensors.



#10-10302

**REPLACES:**  
 Catalyst (MSA) - 804674  
 Ceramtec/Maxtec - CAG-7/MAX-7 & CAG-17/MAX-17  
 City Technology - MOX-4  
 EnviteC - OOM105  
 Hamilton - HM-03  
 Hudson RCI - 5558  
 Inmed

Newport - OM100/OM105  
 Pacifitech - PT-03  
 Sechrist 650 - 43170  
 Sensor Tec (BPR Medical) - ST-03  
 Teledyne - A-51327 T7



#10-10313

Catalyst (MSA) #806572  
 Pacifitech PT26 #10-10313



#10-10303

**REPLACES:**  
 Catalyst (MSA) - 655265  
 Ceramtec/Maxtec - CAG-9/MAX-9  
 Hudson RCI - 5500  
 Oxitron - 3110  
 Pacifitech - PT-05  
 Sensor Tec (BPR Medical) - ST-05  
 Teledyne - B-39636 R13



#10-10305

**REPLACES:**  
 Alpha Med  
 BCI (SIMS)  
 Biotest C 102-1 - 720030  
 Biotest A 103-1 - 720050  
 Bird Products Corp. - 66030  
 Catalyst (MSA) - 406931  
 Ceramtec/Maxtec - CAG-3/MAX-3

City Technology - MOX-1  
 Darneca (Denmark) - 42035-46  
 Engstrom MIE (Hill-Rom)  
 EnviteC - OOM102-1  
 F Stephen GmbH  
 Hamilton - HM-11  
 Hudson RCI - 5567  
 Lifecare (Respironics) - 37-079

Oxitron - 3310  
 Pacifitech - PT-11  
 Puritan Bennett (Mallinckrodt) - 4-020933-00  
 Sensor Tec (BPR Medical) - ST-11  
 Teledyne - C-43690 R17  
 Vascular Technology - 100580



#10-10306

**REPLACES:**  
 Air Shields (Hill-Rom)  
 Aladdin  
 Biotest C 102 - 720020  
 Biotest A 103 - 720040  
 Catalyst (MSA) - 472062  
 Ceramtec/Maxtec - CAG-6/MAX-6

City Technology - MOX-1  
 Criticare Systems  
 Datascope - 0600-00-0002  
 EnviteC - OOM102, OOM102-Air & OOM202  
 Hamilton - HM-12  
 Hudson RCI - 5566

Infrasonics - 60116  
 Narcco Med  
 Pacifitech - PT-12  
 PPG Biomedical - 504055-001  
 Sensor Tec (BPR Medical) - ST-12  
 Siemens - 9004979  
 Space Labs - 90514

Teledyne - C-44611 R22  
 Vascular Technology - 103100



#10-10307

**REPLACES:**  
 Biotest S 101 - 720010  
 Biotest I 8000 104 - 720060  
 Biotest D 201 - 720100  
 Catalyst (MSA) - 655263 & 655264  
 Ceramtec/Maxtec - CAG-1/MAX-1 & CAG-2/MAX-2  
 City Technology - MOX-6

Drager - 6803290  
 Drager 8000 - 6850645  
 EnviteC - OOM101, OOM104 & OOM201  
 Hamilton - HM-10, HM-13 & HM-14  
 Hewlett Packard - 15201A  
 Hudson RCI - 5556 & 5557  
 Ohmeda (Datex) - 0237-2034-700

Oxitron - 3710  
 Pacifitech - PT-10  
 Paragon Service - PS-1000 & PS-2000  
 Sensor Tec (BPR Medical) - ST-10, ST-13 & ST-14  
 Teledyne - C-41131 R15 & C-61339 R23  
 Vascular Technology - 100352



#10-10308

**REPLACES:**  
 Ceramtec/Maxtec - CAG25E/250E/MAX25E/250E & MAXCell  
 Pacifitech - PT-25



#10-10311

**REPLACES:**  
 Ceramtec/Maxtec - CAG250



#10-10310

**REPLACES:**  
 Ceramtec/Maxtec - CAG10/MAX10  
 Ohmeda (Datex) - 6050-0004-110

Sensors 10-10315 thru 10-10320 are pictured on p. 245

# Oxygen Sensors/Components



#HO-R107P22



#HO-R107P20

**O<sub>2</sub> Sensors made with a unique electrolyte delivers key advantages over conventional caustic electrolyte sensors.**

**Features:**

- Non caustic, patented electrolyte
- Prevents leakage and intermittent failures
- Excellent response and stability
- Long Life sensor

**Specifications:**

Response Time	<15 seconds for 90% response <25 seconds for 97% response
Stability	Less than 1% drift over 8 hrs at constant temperature and pressure.
Accuracy	+ 2.0% of full scale.
Output	Linear output over full scale.
Operating Life:	800,000 Percent hours (-1 year depending on application)
Temperature	
Operating	5° to 40° C
Storage	-5° to 50° C

Model #HO-R107P20 (MAX 2) for Drager applications

Model #HO-R107P22 (MAX-8) for Ohmeda applications



#10-103-13 Replacement Oxygen sensor used on mine safety appliances model Mini OX 1A oxygen analyzer (Internal Sensor).



#10-103-11 Replacement oxygen sensor MAX-250 used on Maxtec (formerly Ceramtec) Model OM-25A oxygen analyzer (Internal sensor).

**Miscellaneous Fuel Cells (not illustrated)**

#HO-R113P02 Model J-1

#50-807163 Replacement internal sensor for Mine Safety Appliances, Model Mini-OX 1000 Oxygen concentration indicator.



#ET-PSR-11-75-KE4 **OEM Equipment/Sensor Replaces Competitive Sensor**

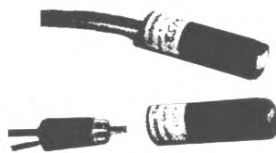
Range: 0-100% Oxygen Viasys Vela 16101 Viasys Vela

Signal Output: 10-14 mV

Response 90%: 13 sec

Expected Life: 60 months

Warranty: 18 months



**PO<sub>2</sub> Polographic Sensor used on:**

#CX-100123 IL, Puritan-Bennett, Ohio, Drager, Air Shields and others

#CX-100125 Reusable Cable for Disposable Oxygen Sensor

#CX-100122 Disposable PO<sub>2</sub> Polographic Sensor (6- 8 month life expectancy)



**PO<sub>2</sub> Gel & Membrane Caps:**

#CX-100124 Membrane Kit (2 caps & 1 bottle of gel)

#CX-100128 Electrolyte Gel

#CX-100199 Membrane Cap (6)



**Replacement Oxygen Analyzer Cables**

#05-5510 Cable and cell for Hudson 5524, 5525, 5528, 5529, 5552

#05-5511 Sensor cable for Hudson models 5524, 5525, 5552, and Ventronics model 5510

#50-472045 Replacement coiled cable for Catalyst Research/Mine Safety Appliances.