

























# Oxygen Sensors

  <p>top view</p>  <p>bottom view</p> <p><b>#10-10300</b></p>	<p><b>REPLACES:</b>            B&amp;F Medical (Allied Healthcare) - 65004 (reuse leads)            Bertucci            Bio-Med Devices            Bio-Tek            Catalyst (MSA) - 478841 &amp; 485955            Ceramatec/Maxtec - CAG-19/MAX-19            Diversified Diagnostics</p>	<p>Elmed (Italy)            Emerson            EnviteC - OOM107            Fraser Harlake - 66-00453            Hamilton - HM-01            Harris ake - 66-00453            Healthdyne            Heyer</p>	<p>Hudson RCI - 5569            Inmed            Medigas (Canada)            Megamed (Switzerland) - M1            Novacare            Oxegrip (Allied)            Oxitron - 3250            Pacifitech - PT-01</p>	<p>Patient Tech            Schoch (Switzerland)            Sensor Tec (BPR Medical) - ST-01            Sun Medical            Teledyne - A-37016T1            Toptronics (Italy)            Vickers (Incubator &amp; Monitor)</p>
  <p>top view</p> <p><b>#10-10301</b></p>	<p><b>REPLACES:</b>            Catalyst (MSA) - 485905 &amp; 655262            Ceramatec/Maxtec - CAG-15/MAX-15 &amp; CAG-18/MAX-18            EnviteC - OOM107-2            Hudson RCI - 5565 &amp; 5568            Inmed</p>	<p>Megamed (Switzerland) - M2            Oxitron - 3050            Pacifitech - PT-02 &amp; PT-65            Sensor Tec (BPR Medical) - ST-02            Teledyne - B-39022 C1R &amp; B-39023 C2R</p>	  <p><b>#10-10314</b></p> <p>Replacement oxygen sensor for Puritan Bennett model 840 ventilator.</p> <p><b>NEW</b>            Please refer to Mercury Medical's insert. "O<sub>2</sub> Wall Chart" for a complete listing of available sensors.</p>	
  <p>top view</p> <p><b>#10-10302</b></p>	<p><b>REPLACES:</b>            Catalyst (MSA) - 804674            Ceramatec/Maxtec - CAG-7/MAX-7 &amp; CAG-17/MAX-17            City Technology - MOX-4            EnviteC - OOM105            Hamilton - HM-03            Hudson RCI - 5558            Inmed</p>	<p>Newport - OM100/OM105            Pacifitech - PT-03            Sechrist 650 - 43170            Sensor Tec (BPR Medical) - ST-03            Teledyne - A-51327 T7</p>	 <p>Catalyst (MSA) #806572            Pacifitech PT26 #10-10313</p> <p><b>#10-10313</b></p>	
  <p>top view</p> <p><b>#10-10303</b></p>	<p><b>REPLACES:</b>            Catalyst (MSA) - 655265            Ceramatec/Maxtec - CAG-9/MAX-9            Hudson RCI - 5500            Oxitron - 3110            Pacifitech - PT-05            Sensor Tec (BPR Medical) - ST-05            Teledyne - B-39636 R13</p>			
  <p>top view</p> <p><b>#10-10305</b></p>	<p><b>REPLACES:</b>            Alpha Med            BCI (SIMS)            Biotest C 102-1 - 720030            Biotest A 103-1 - 720050            Bird Products Corp. - 86030            Catalyst (MSA) - 406931            Ceramatec/Maxtec - CAG-3/MAX-3</p>	<p>City Technology - MOX-1            Dameca (Denmark) - 42035-46            Engstrom MIE (Hill-Rom)            EnviteC - OOM102-1            F Stephen GmbH            Hamilton - HM-11            Hudson RCI - 5567            Lifecare (Respirics) - 37-079</p>	<p>Oxitron - 3310            Pacifitech - PT-11            Puritan Bennett (Mallinckrodt) - 4-020933-00            Sensor Tec (BPR Medical) - ST-11            Teledyne - C-43690 R17            Vascular Technology - 100580</p>	
  <p>top view</p> <p><b>#10-10306</b></p>	<p><b>REPLACES:</b>            Air Shields (Hill-Rom)            Aladdin            Biotest C 102 - 720020            Biotest A 103 - 720040            Catalyst (MSA) - 472062            Ceramatec/Maxtec - CAG-6/MAX-6</p>	<p>City Technology - MOX-1            Criticare Systems            Datascope - 0600-00-0002            EnviteC - OOM102, OOM102-Air &amp; OOM202            Hamilton - HM-12            Hudson RCI - 5566</p>	<p>Infrasonics - 60116            Narcco Med            Pacifitech - PT-12            PPG Biomedical - 504055-001            Sensor Tec (BPR Medical) - ST-12            Siemens - 9004979            Space Labs - 90514</p> <p>Teledyne - C-44611 R22            Vascular Technology - 103100</p>	
  <p>top view</p>  <p>bottom view</p> <p><b>#10-10307</b></p>	<p><b>REPLACES:</b>            Biotest S 101 - 720010            Biotest I 8000 104 - 720060            Biotest D 201 - 720100            Catalyst (MSA) - 655263 &amp; 655264            Ceramatec/Maxtec - CAG-1/MAX-1 &amp; CAG-2/MAX-2            City Technology - MOX-6</p>	<p>Drager - 6803290            Drager 8000 - 6850645            EnviteC - OOM101, OOM104 &amp; OOM201            Hamilton - HM-10, HM-13 &amp; HM-14            Hewlett Packard - 15201A            Hudson RCI - 5556 &amp; 5557            Ohmeda (Datex) - 0237-2034-700</p>	<p>Oxitron - 3710            Pacifitech - PT-10            Paragon Service - PS-1000 &amp; PS-2000            Sensor Tec (BPR Medical) - ST-10, ST-13 &amp; ST-14            Teledyne - C-41131 R15 &amp; C-61339 R23            Vascular Technology - 100352</p>	
  <p>top view</p> <p><b>#10-10308</b></p>	<p><b>REPLACES:</b>            Ceramatec/Maxtec - CAG25E/MAX25E            Pacifitech - PT-25</p>	 <p><b>#10-10311</b></p> <p><b>REPLACES:</b>            Ceramatec/Maxtec - CAG250.</p>		
  <p>top view</p> <p><b>#10-10310</b></p>	<p><b>REPLACES:</b>            Ceramatec/Maxtec - CAG10/MAX10            Ohmeda (Datex) - 6050-0004-110</p>	<p>Sensors 10-10315 thru 10-10320 are pictured on p. 111</p>		

# 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 Output	+ 2.0% of full scale. 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**

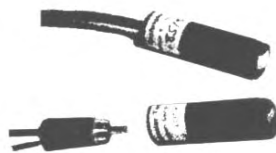
Range: 0-100% Oxygen Viasys Vela 16101 Viasys Vela

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.