



Analytical Industries Inc.



Oxygen Sensors - Medical Respiratory



PSR-11-55

Range: 0-100% Oxygen
Signal Output: 25-40 mV
Response 90%: 9 sec
Expected Life: 42 months
Warranty: 14 months

OEM Analyzer / Manufacturer

Hudson 5577/6477/5590 5500

Replaces Competitive Sensor

Hudson RCI	5500
International Tech (Gambert)	M-13
Maxtec (Ceramatec)	MAX-9
MSA (Catalyst Research)	655265
Pacifitech	PT-05
Sensor Tec (BPR Medical)	ST-05
Teledyne	R13 (B39636)



PSR-11-58

Range: 0-100% Oxygen
Signal Output: 70-160 mV
Response 90%: 13 sec
Expected Life: 60 months
Warranty: 18 months

OEM Equipment / Sensor

Hudson 5800/5801 5803

Replaces Competitive Sensor

Hudson RCI	5803
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PSR-11-58HC

Range: 0-100% Oxygen
Signal Output: 70-160 mV
Response 90%: 13 sec
Expected Life: 60 months
Warranty: 18 months

OEM Equipment / Sensor

Hudson RCI 5803 5804

Replaces Competitive Sensor

Hudson RCI	5804
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PSR-11-75-KE1

Range: 0-100% Oxygen
Signal Output: 10-14 mV
Response 90%: 13 sec
Expected Life: 60 months
Warranty: 18 months

OEM Equipment / Sensor

Maxtec (Ceramatec) OM25A MAX-25/250

Replaces Competitive Sensor

Maxtec (Ceramatec)	MAX-25/250
Pacifitech	PT-250



PSR-11-75-KE2

Range: 0-100% Oxygen
Signal Output: 10-14 mV
Response 90%: 13 sec
Expected Life: 60 months
Warranty: 18 months

OEM Equipment / Sensor

Puritan Bennet G-062010
740 Ventilator (old)

Replaces Competitive Sensor

Puritan Bennet	G-062010
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PSR-11-75-KE4

Range: 0-100% Oxygen
 Signal Output: 10-14 mV
 Response 90%: 13 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Viasys Vela 16101

Replaces Competitive Sensor

Viasys Vela 16101



PSR-11-77

Range: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 6 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Newport Wave Ventilator OM100
 Newport Wave Ventilator OM105
 Sechrist 650 43170
 Teledyne 60/191/200 T-7 (A51327)

Replaces Competitive Sensor

City Technology MOX-4
 EnviteC OOM105
 Hudson RCI 5558
 International Tech (Gambert) M-07
 Maxtec (Ceramatec) MAX-17
 Maxtec (Ceramatec) MAX-17-250
 MSA (Catalyst Research) 804674
 Newport Medical OM100
 Newport Medical OM105
 Pacifitech PT-03
 Sechrist 43170
 Sensor Tec (BPR Medical) ST-03
 Teledyne T-7 (A51327)



PSR-11-917-J

Range: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 13 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Bird Products 6400/8400 66030
 Lifecare (Respironics) 37-079
 PLV-102
 MSA Mini Ox I,II,III,3000 406931
 Puritan Bennet 4-020933
 7820 Monitor
 Respironics (Esprit) 1001454
 SLE T-801 monitor
 Stephan Christina Ventilator 110760009
 Taema (France) Ceasar (newer version)
 Taema (France) Eolo R17 (C-43690)
 Teledyne AX 300/MX 300

Replaces Competitive Sensor

Bird Products Corp. 66030
 City Technology MOX-2
 EnviteC OOM102-1
 Hudson RCI 5567
 International Tech (Gambert) M-03
 Lifecare (Respironics) 37-079
 Maxtec (Ceramatec) MAX-13
 Maxtec (Ceramatec) MAX-13-250
 MSA (Catalyst Research) 406931
 Pacifitech PT-11
 Pacifitech PT-11A
 Puritan Bennet 4-020933
 Respironics (Esprit) 1001454
 Sensor Tec (BPR Medical) ST-11
 SLE T-801 monitor
 Stephan Christina Ventilator 110760009
 Taema (France) YR010100
 Teledyne R17 (C-43690)
 Vascular Technology 100580



PSR-11-917-J1

Range: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 13 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Maxtec (Ceramatec) MAX25E/250E
 OM25AE

Replaces Competitive Sensor

International Tech (Gambert) M-25
 Maxtec (Ceramatec) MAX25E/250E
 Pacifitech PT-25A

**PSR-11-917-J3**

Range: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 13 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Taema (France) Alys
 Taema (France) Clarys

Replaces Competitive Sensor

Taema (France) Alys
 Taema (France) Clarys

**PSR-11-917-M**

Range: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 13 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Air Shields (Drager)	8362030
C200/C2000	
Criticare Systems (Poet)	CAT644
EME Infant Flow CPAP	
Infrasonics Adult Star	60116
Puritan Bennet	4-072214-00
760/840 Ventilators	
Siemens 300/900 Vent.	6419332
Siemens 300/900 Vent.	9004979
Spacelabs Gas Analyzer	90514
Taema (France) Ceasar (older version)	
Viasys Avea	62689

Replaces Competitive Sensor

Air Shields (Drager)	8362030
City Technology	MOX-9
Criticare Systems (Poet)	CAT644
EME	M672P
EnviteC	OOM102
EnviteC	OOM102-Air
EnviteC	OOM103
EnviteC	OOM202
Hudson RCI	5566
Infrasonics	60116
International Tech (Gambert)	M-04
International Tech (Gambert)	M-12
Maxtec (Ceramatec)	MAX-12
Maxtec (Ceramatec)	MAX-16
Maxtec (Ceramatec)	Max-22C
MSA (Catalyst Research)	716044 (PB 840)
Pacifitech	PT-12A
Pacifitech	PT-12AIR
Puritan Bennet	4-072214-00
Sensor Tec (BPR Medical)	ST-12
Maquet (Siemens)	6419332
Maquet (Siemens)	9004979
Spacelabs	90514
Taema (France)	YRO49700
Teledyne	R22 (C-44611)
Teledyne	R24 (C-61340)
Vascular Technology	103100
Viasys Avea	62689

**PSR-11-917-M1**

Range: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 13 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Datascope	0600-00-0002
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Replaces Competitive Sensor

Datascope	0600-00-0002
EnviteC	OOM106

**PSR-11-917-MH**

Range: 0-100% Oxygen
 Signal Output: 7-13 mV
 Response 90%: 13 sec
 Expected Life: 60 months
 Warranty: 18 months

OEM Equipment / Sensor

Hamilton Arabella	51254
Hamilton Galileo	51254
Hamilton Ralphael	51254

Replaces Competitive Sensor

Hamilton	51254
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PSR-11-33

Range: 0-100% Oxygen
Signal Output: 165-235 μ A
Response 90%: 30 sec
Expected Life: 24 months
Warranty: 12 months

OEM Equipment / Sensor

Bio-med Devices	65004
Hamilton Aladdin	51250
Hamilton Amadeus	51250
Hamilton Veolar	51250
Taema	KV050501

Replaces Competitive Sensor

Bio-Med Devices	65004
Bio-Tek	74233
EnviteC	OOM107
Fraser Lake	66-0453
Hamilton	51250
Hewlett Packard	15201-A
Hudson RCI	5568
International Tech (Gambert)	M-05
Libra	OM500
Maxtec (Ceramatec)	MAX-19
MSA (Catalyst Research)	478841
Pacifitech	PT-01
Sensor Tec (BPR Medical)	ST-01
Taema (France)	KV050501
Teledyne	T1 (A-37016)



PSR-11-33-1

Range: 0-100% Oxygen
Signal Output: 165-235 μ A
Response 90%: 30 sec
Expected Life: 24 months
Warranty: 12 months

OEM Equipment / Sensor

Replaces Competitive Sensor

Maxtec (Ceramatec)	MAX-18
MSA (Catalyst Research)	485905
Sensor Tec (BPR Medical)	ST-02
Teledyne	C1R (B-39022)



PSR-11-33-2

Range: 0-100% Oxygen
Signal Output: 165-235 μ A
Response 90%: 30 sec
Expected Life: 24 months
Warranty: 12 months

OEM Equipment / Sensor

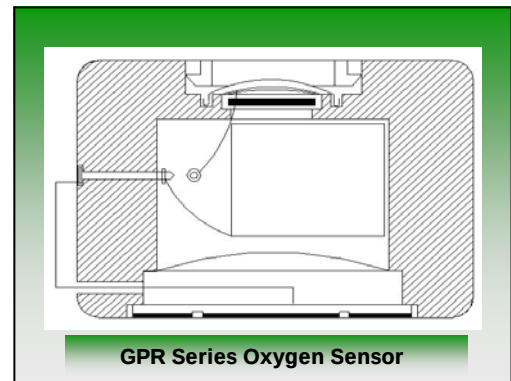
Hudson 5525	5565
Hudson 5828	5565
Hudson 5550	5565
Hudson 5552	5565

Replaces Competitive Sensor

EnviteC	OOM107-2
Hudson RCI	5565
International Tech (Gambert)	M-06
Maxtec (Ceramatec)	MAX-15
MSA (Catalyst Research)	655262
Pacifitech	PT-02
Pacifitech	PT-65
Teledyne	C2R (B-39023)

Advanced Galvanic Oxygen Sensors

- Extend operating life to 10 years in air (20.9% O₂) . . .
24 months in continuous 100% O₂
- Extended operating range to -40° C/F to 50° C
- Excellent stability at elevated pressure . . .
Up to 10 atmospheres in hyperbaric chambers
- Superior compatibility with 0 to 100% CO₂ gas streams
24 month operating life in traditional dimensions
- Develop special sensor for fast response and long life
Large cathode with proprietary electrolytes and anodes



Certified Quality Assurance System

Audited in compliance with standards: ISO 9001:2000, MDD 93/42/EEC Annex II, ISO 13485:2003