

**PRECISION MEDICAL®**  
**OXYGEN MONITOR**



**Oxygen Monitor**  
**Model: PM5900**

Provides continuous, direct monitoring of oxygen mixtures in a wide variety of medical applications such as anesthesiology, respiratory devices, and oxygen therapy

**Accessories and supplements:**



**O<sub>2</sub> - Sensor**  
Art.-Nr. HVS-504877



**Flowdiverter**  
Art.-Nr. HVS-FD-PM



**Measuring adapter**  
Art.-Nr. HVS-SA-01



**Coil Cable**  
Art.-Nr. HVS-504937

## OXYGEN MONITOR

Precision Medical, Inc. Oxygen Monitor provides continuous, direct monitoring of oxygen mixtures in a wide variety of medical applications such as anesthesiology (e.g., anesthesia machines), respiratory devices (e.g., respirators, ventilators, pediatric incubators) and oxygen therapy (e.g., oxygen tents).

Automatic calibration in room air, as well as free entry of the upper and lower alarm limit



### Specifications:

<b>Dimensions:</b>	Length: 4.36 cm, Width: 9.04 cm, Height: 13.82 cm (Monitor without cable and sensor attached) Cable Length: 3.05 m (fully extended)
<b>Weight:</b>	0.50 kg (includes: monitor, sensor, batteries and cable)
<b>Operation Conditions:</b>	Temperature: 10°C – 45 °C / Altitude: Sea Level to 8000 feet
<b>Power Requirements:</b>	4 AA Alkaline Batteries (4 x 1.5 Volts) 6 VCD
<b>Battery Life:</b>	approximately 2000 hours (continuous use non-alarm condition)
<b>Diverter Fitting:</b>	fits industry standard, 15 mm "T" adapter
<b>Measurement Range:</b>	0.0 – 100 %
<b>Accuracy &amp; Linearity:</b>	± 1% of full scale at constant temperature, R. H. and pressure when calibrated at full scale
<b>Total Accuracy:</b>	± 3.0% Actual Oxygen Level over full operating temperature range
<b>Response Time:</b>	90% of final value in less than 12 seconds at 25°C
<b>Low Battery Indication:</b>	Low battery icon displayed on graphics screen and audible alarm
<b>Alarm System:</b>	high/low alarms, respective flashing red LEDs and graphics, 68db audible alarm @ 1 meter
<b>Low Alarm Range:</b>	*15% - 99 % Oxygen (*Requires extra action to set below 18%)
<b>High Alarm Range:</b>	18 – 100 % Oxygen
<b>High Alarm De-Activation Setting:</b>	Above 100 % ("---" will appear)
<b>Sensor Type:</b>	Galvanic oxygen sensor

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