

# OHMEDA® 5120 OXYGEN MONITOR

- Designed to perform in a wide variety of clinical applications. It utilizes a state-of-the-art galvanic fuel cell as its sensing element
- Operation is reliable and consistent and maintenance is minimal
- Visibility is enhanced with backlighting system that helps keep track of oxygen concentrations.



Typical Manufacturer's Picture

## Specifications

<b>Display</b>	LCD (liquid crystal display) with electroluminescent backlighting.
<b>Type</b>	0-100% oxygen.
<b>Range</b>	1% of full scale
<b>Resolution</b>	3 times/second
<b>Update</b>	
<b>Temperature Ranges</b>	
<b>Operating</b>	+15°C to + 40°C (+59°F to +104°F)
<b>Compensation</b>	+15°C to + 40°C (+59°F to +104°F)
<b>Sensor</b>	
<b>Type</b>	Galvanic fuel cell
<b>Response Time</b>	90% of the total change in O2 concentration in less than 20 seconds at 25°C (77°F)
<b>Drift Range</b>	±1% over 8 hours
<b>Linearity</b>	±1% of full scale
<b>Life</b>	Minimum of 12 months (typical) assuming averages % O2 is equal to 50% at 25°C (77°F)
<b>Gas Cross-Sensitivity</b>	Less than 3% full scale error due to clinical mixtures of N2O, CO2, H2O, enflurane, Isoflurane or halothane.
<b>Alarm System</b>	
<b>Visual</b>	Alphanumeric messages of high O2 or low O2. Alphanumeric messages indication battery condition. Red LED to indicate emergency alarm conditions. Yellow LED to indicate cautionary alarm conditions.
<b>Audible</b>	Continuous low tone, intermittent low tone, oscillating two-tone signal or three-beep tone determined by alarm conditions
<b>Alarm silence</b>	30 seconds audio alarm silence for emergency; permanent audio alarm silence alarm for caution.
<b>Power Requirements</b>	
<b>Battery</b>	Three C alkaline batteries
<b>Drain</b>	Typical 3.5 mA at 4.5 VDC.
<b>Battery Life</b>	500 hours
<b>Battery Test</b>	Manual or automatic
<b>Data Output</b>	
<b>Analog Output</b>	10mV/% O2 at 10 kOhm minimum load impedance.
<b>Physical Dimensions</b>	
<b>Depth</b>	6 cm (2.25 in)
<b>Width</b>	9 cm (3.5 in)
<b>Height</b>	17 cm (6.75 in)
<b>Weight</b>	without sensor: 0.6 kg (1.3 lbs)

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