

OA10[®] OXYGEN ANALYSER

**Battery as well as Mains
Operated, with very Low
Power Consumption**

**Easy to Read, Large LCD
with Auto diagnostics &
fault messages display**

**Offers Ambient Air
as well as 100%
Oxygen Calibration**

**Fast Response
and Long-life
Oxygen Sensor**

**Cost Efficient,
Maintenance Free and
Easy to Service**

**Compact, Fast,
Reliable and
Easy to Use**



**Extremely Versatile &
Suited for FiO₂ monitoring for all medical applications**

OA10[®] OXYGEN ANALYSER

It is a fast response handheld analyser, ideal for spot check and continuous monitoring of oxygen concentration in neonatal applications, respiratory care system, gas mixtures, anaesthesia machines, oxygen therapy, oxygen concentrators, medical oxygen delivery system, emergency, home ventilation applications, etc.

It has an excellent reliability and a large LCD Display to show all the values, messages, alarms at a glance.

SPECIFICATIONS

Performance Characteristics

Measurement Range:	21 ~ 100% Oxygen
Resolution:	0.1%
Total Accuracy:	$\pm 2\%$ of full scale <i>(at constant Temperature, Relative Humidity and pressure when calibrated at full scale)</i>
Response Time:	90% of final value in < 15 seconds at 23°C
Alarms:	Sensor Disconnected, Sensor Defective, Calibration Error, Low Battery

Sensor Characteristics

Sensor Type:	Galvanic fuel sensor (0~100%)
Nominal Sensor Life:	> 1,000,000 % volume oxygen hours
Drift & Repeatability:	< $\pm 1\%$ of volume oxygen <i>(at constant temperature & pressure)</i>
Temperature Compensation:	Built-in NTC compensation
Compliance & Certifications:	ISO 80601-2-55 and ISO 13485

Electrical Characteristics

Input Power Supply:	AC: 100 ~ 240 VAC + 10%; 50 / 60 Hz, Sine Wave DC: 1 x 9V Alkaline / Lithium Battery
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Physical Characteristics

Dimensions (L x W x H):	105 x 75 x 26 mm ³
Weight:	97 grams <i>(without battery & accessories)</i>

Environmental Characteristics

Operating Temperature:	0 ~ 50°C (32°F ~ 122°F)
Storage Temperature:	-20 ~ 50°C (-4°F ~ 122°F)
Storage Humidity Range:	0 ~ 95% <i>(Relative Humidity, Non-condensing)</i>
Atmospheric Pressure:	800 ~ 1013 mBars

Device Classification:	Class I, Type B, Drip Proof - IPX1, Continuous Operation
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Standard Accessories:	O2 Sensor, Flow Divertor, T-Connector, Coiled Interface Cable, 9V Battery
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NOTE: Product specifications, part / model numbers, accessories are subject to change without prior notice.