

oxygen monitoring



AX300/MX300

AX300 oxygen analyser and MX300 oxygen monitor



Viamed bring you two oxygen monitors that offer exceptional flexibility and reliability. Developed using state-of-the-art design and the latest manufacturing techniques, the microprocessor based AX300 Oxygen Analyser and MX300 Oxygen Monitor offer a range of unique standard features that set these models apart from the competition.

Featuring easy calibration, settings are secured when the lock key is pressed. In addition the low power draw allows the units to operate continuously for 2000 hours on just 3 AA alkaline batteries. Both models also feature the improved R17MED oxygen sensor providing superior long-term stability and accuracy.

Constructed from high impact resistant materials, these rugged instruments provide unparalleled performance under the harshest conditions and are ideally suited for use in Respiratory Therapy, Neonatal and Anaesthesia applications. Medical professionals will appreciate the performance, reliability and flexibility of these powerful instruments.

AX300 Analyser features

- Microprocessor controlled for enhanced performance
- Large easily read backlit LCD display
- Auto calibration
- Battery strength indicator
- Auto diagnostics with fault codes
- Sensor disconnect/failure alarm
- Improved R17MED sensor with flow diverter
- Sensor cable
- Mounting stand
- V mount adapter
- 22mm T adapter

MX300 Monitor additional features

- Two fully adjustable alarm set points
- Alarm test key
- Alarm silence key
- Alarm OFF function
- Battery test key





AX300 analyser and MX300 monitor

2.5 digit LCD display

Analysis range		0-100% Oxygen
Full scale accuracy		± 2% at constant temperature and pressure
Response time		90% of step change in 8 seconds
Operating temp	erature	0 - 40 °C
Storage temper	ature	-40 - 70 °C
Power requirem	ent	3 x AA alkaline batteries
Battery life	Minim	um 2000 hours in no-alarm, no output signal state
Sensor type		Teledyne class R-17MED
Sensor life		36 months in air (10 months in 100% O ₂)
Sensor cable		Extendible to 3m
Weight		420g
Dimensions wit	h stand	140mm (h) x 88mm (w) x 76mm (d)
Signal output		0-1 VDC or RS-232 (2400 Baud rate)
RFI hardened		Yes
Warranty		Instrument: 24 months Oxygen sensor: 12 months Covering defects in materials and workmanship

RS-232 digital output

Compliance		ASTM F 1462 ASTM F 1463 ISO 7767 ISO 9703-1		
1	ISO 9703-2	EN/IEC 60601-1	EN/IEC 60601-1-2 M	IIL-STD-810E

Regulatory approvals	CE, CSA and FDA
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Accesso	ries	incl	uded	

Options

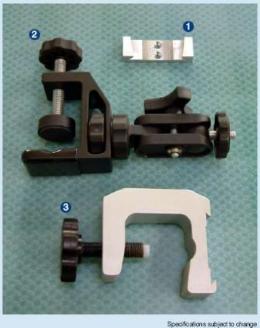
Part No	Ref/model	
0100172	B-74466	Base assembly
0110017	C43690	Oxygen sensor, R17MED
0120099	B-50057	Oxygen sensor flow diverter
0120100	A-268	'T' adapter (22mm, tapered). 22mm I.D 22mm O.D., T 15mm I.D.
0121213	B-74463	'V' mount adapter
0131200	C74721	Oxygen sensor cable

Optional mounting hardware

- 1. 'V' wall mount
- 2. Universal mounting clamp

3. 'V' mount pole clamp





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