

# MAXO<sub>2</sub>+AE

## Oxygen Analyzer

### Technical Data



The MAXO<sub>2</sub>+AE is an oxygen analyzer that measures the oxygen concentration in a flow of gas from a medical gas source or through a medical gas-flow device such as a ventilator or anesthesia system, or within an infant incubator. It is handheld and rugged to suit the needs of portable use. The MAXO<sub>2</sub>+ AE comes equipped with a two-year warranty on both analyzer and sensor.

#### Key features

- One-touch calibration, with reminder
- Long battery life (approx. 5,000 hrs)
- Impact resistant and drip proof
- External MAX-250E Oxygen Sensor

## Specifications

Measurement range	0 % to 100 %
Resolution	0.1 %
Accuracy and linearity	1 % of full scale at constant temperature, RH and pressure when calibrated at full scale
Total accuracy	± 3 % actual oxygen level over full operating range
Response time	90 % of final value in approx. 15 sec at 23 °C
Warm-up time	None required
<b>Power supply</b>	
Battery life	Approx. 5000 hours with continuous use
Low battery indication	"BAT" icon displayed on LCD
Sensor type	Maxtec® MAX-250E for AE model
Expected sensor life	>900,000 O <sub>2</sub> % hours minimum, two years in typical medical applications
Power requirements	Two, AA Alkaline batteries
<b>Environmental requirements</b>	
Operating temperature	15 °C to 40 °C (59 °F to 104 °F)
Storage temperature	-15 °C to 50 °C (5 °F to 122 °F)
Atmospheric pressure	-800 mBar to 1013 mBar
Relative humidity	Operating range: 0 % to 95 % (non-condensing)
<b>General information</b>	
Dimensions (LxWxH)	38 mm x 76 mm x 914 mm (1.5 in x 3 in x 36 in)
Weight	285 g (0.6 lb)

## Ordering information

### Model

MAXO<sub>2</sub>+AE Oxygen Analyzer

### Standard accessories

Users Manual

MAX-250 External Oxygen Sensor

Oxygen Sensor Cable

VTMOB-4401 Breathing Circuit  
"tee"

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Fluke Biomedical is the world's leading manufacturer of quality biomedical test and simulation products. In addition, Fluke Biomedical provides the latest medical imaging and oncology quality-assurance solutions for regulatory compliance. Highly credentialed and equipped with a NVLAP Lab Code 200566-0 accredited laboratory, Fluke Biomedical also offers the best in quality and customer service for all your equipment calibration needs.

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As a medical test device manufacturer, we recognize and follow certain quality standards and certifications when developing our products. We are ISO 9001 and ISO 13485 medical device certified and our products are:

- CE Certified, where required
- NIST Traceable and Calibrated
- UL, CSA, ETL Certified, where required
- NRC Compliant, where required

### Fluke Biomedical.

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