

MAXO₂+AE

Oxygen Analyzer



Technical Data

The MAXO₂+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 MAXO₂+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

Technical 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

Power Supply

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 O₂ % hours minimum, 2 years in typical medical applications
Power Requirements: 2, AA Alkaline batteries

Environmental Requirements

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)

General Information

Dimensions: 1.5 in L x 3.0 in W x 36.0 in H (38 mm L x 76 mm W x 914 mm H)
Weight: 0.6 lbs. (285 g)

About Fluke Biomedical

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.

Today, biomedical personnel must meet the increasing regulatory pressures, higher quality standards, and rapid technological growth, while performing their work faster and more efficiently than ever. Fluke Biomedical provides a diverse range of software and hardware tools to meet today's challenges.

Fluke Biomedical Regulatory Commitment

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

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

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Ordering Information

Model

2511920: MAXO₂+AE

Standard Accessories

N/A User/service manual
N/A MAX-250 external oxygen sensor
N/A Oxygen sensor cable
N/A Breathing circuit "tee"

Fluke Biomedical.

Better products. More choices. One company.

Fluke Biomedical

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