

OxyMinder®

Oxygen Monitor for your Blender

OxyMinder



Keep your Blenders Accurate and your Patients Safe.

Bio-Med Devices, Inc. OxyMinder® is an oxygen monitor designed to operate with air/oxygen blenders to ensure that the blender is delivering the prescribed concentration of oxygen. The monitor has been designed to integrate with the Bio-Med Devices, Inc. line of blenders.

A Choice of Configurations

Purchase a complete unit with our blender already installed; or field install with a properly configured blender already owned by the healthcare facility.

Benefits

The OxyMinder® provides a color touchscreen display and easily selectable low and high alarm levels for oxygen concentration. It also has back-lighting for a clear visual of the O2 % no matter how dark the room is.

Auto Purge

The OxyMinder® auto purge feature is a user selectable option aimed at eliminating the contamination of gas supply lines.

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Specification

Unit Weight
Physical Dimensions
Power Requirements
Measurement Range
Resolution of Oxygen
Accuracy and Linearity

Alarm Accuracy
Oxygen Sensor Life

Response Time
Time to Essential Performance
Operating Temperature Recommended
Storage
Humidity
Atmospheric Pressure
Operating Pressure of the Oxygen
Sensor Low Battery Indicator
Oxygen Flow Rate Range
Sampling Rate
Unit Battery Life

Ingress Rating

Alarm Volume (all priorities)

Value

< 1.5 lb. [0.68 kg]
7.86" W x 8.12" H x 4.39" D [199.6 mm x 206.2 mm x 111.5 mm]
Rechargeable Lithium-Ion battery with charger included
18% – 100% O₂
Displayed to nearest integer
±1% of full scale at constant temperature and pressure

Exact to displayed O₂ values
21 months exposure to 60% oxygen flow
12 months exposure to 100% oxygen flow
60 months exposure to 21% oxygen flow
90% of final value in approximately 6 seconds
Approximately 5 seconds
0° - 45° C [32° - 113° F]
0° - 40° C [32° - 104° F]
5 - 95%
70 - 101 kPa
5 - 30 PSIG
On-screen icon & audible alarm
0.1 - 10 LPM, 1 LPM typical
10 milliseconds
15 hours at 100% brightness

IPX1

55 dB(A) ± 5dB(A) at 1 meter



PART NUMBERS

Oxyminder®..... 10300
NeO2 Blender..... 2003FL

ACCESSORIES

Oxyminder® O2 Sensor..... ESEN021
15' Dual Air/Oxygen Hose.....1013
Wall Mount Bracket.....2013BW
Bracket for 2" Bio-Med Pole...2013BH

Patent 11,294,404

Specifications subject to change without notice.

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