



Email : sales@laboratoryinstrumentindia.com

Product Name :

Oxygen Analyzer, electrochem , handheld

Product Code :

LBNY-0017-2200054



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Description :

Handheld, battery powered device that measures the oxygen concentration in a flow of gas from a medical gas source or, with adapters, through a medical gas-flow device such as a ventilator or anaesthesia system, or within an environment such as oxygen hood and infant incubator.

Operational characteristics:

Handheld oxygen analyzer for continuous measurement of the oxygen concentration from a medical gas source and in an environment.

Suitable for measuring gas supply with pressure up to 50 psi (344 kPa).

Response time: ? 20 s.

Electrochemical cell oxygen sensing technology.

O₂ resolution: 0.1 %.

O₂ measurement includes the range 0.0 - 100%.

O₂ accuracy: within ± 3 %.

Warm-up time: none required

Display visualizing O₂ concentration, system messages and battery status.

Internal calibration timer (weekly); alerts the operator, using a calibration icon on the LCD display, to perform a unit calibration one week after previous calibration.

Low and high oxygen concentration alarm system, with flashing LED and audible indication of alarm conditions.

Replaceable oxygen sensor cell, expected sensor life >1,500,000 O₂% hours over 2 years in typical applications.

Calibration and self-test mode, one point calibration 20.9% or 100%.

Technical Specification :

Electrical characteristics:

Internal replaceable batteries, four AA alkaline batteries, single use.

Operated by battery power supply.

Sleep mode operation to extend battery life; in sleep mode operation, the unit will time-out after 90 seconds to a battery saving condition. In sleep mode, the device will continue to monitor the oxygen level and will activate the alarm if any alarm condition occurs.

Battery life: approximately 5,000 hours with typical use.

ENVIRONMENTAL CONDITIONS

Capable of operating continuously in ambient temperature from 15 °C to 40 °C, RH from 0% to 95%, and elevation from 2 to 1948 m.

Capable of being stored continuously in ambient temperature from -15 °C to 50 °C, RH from 0% to 95% and elevation from 2 to 1948 m.

WEIGHT & VOLUME

Volume: 0.004 m³ (packaged)

Weight: 0.77 kg (packaged).



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