



Email : sales@laboratoryinstrumentindia.com

**Product Name :**

Oxygen Analyzer, ultrasonic, handheld

**Product Code :**

LBNY-0017-2200053



www.laboratoryinstrumentindia.com

**Description :**

Hand held, 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. The intended application is checking gas supply equipment performance.

Operational Characteristics:

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

Response time Warm-up time Flow rate measurement: up to 10 LPM

Flow rate accuracy within  $\pm 0.2$  LPM

Flow rate resolution 0.1 LPM

Display visualizing O<sub>2</sub> concentration, flow rate, system messages and battery status.

Ultrasonic oxygen sensing technology, with permanent sensing chamber.

O<sub>2</sub> measurement to include the range 21 - 96%.

O<sub>2</sub> accuracy: within  $\pm 1.5\%$  of full scale.

O<sub>2</sub> resolution: 0.1%.

**Technical Specification :**

Electrical characteristics:

Automatic power-off when not in use.

Operated by 2 x AA alkaline replaceable single use batteries.

Battery life > 1000 hours continuous use.

**ENVIRONMENTAL CONDITIONS**

Capable of operating continuously in ambient temperature from 15°C to 40°C, RH: 0 to 95%

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Capable of being stored continuously in ambient temperature from -15°C to 60°C, RH: 0 to 95%.



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