



THE LAB EQUIPMENT

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Product Name :

Ultrasonic Oxygen Analyzer Handheld

Product Code :

SLE/RAE/19



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Description :

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.

TECHNICAL SPECIFICATIONS

Operational Characteristics

Ultrasonic oxygen sensing technology, with permanent sensing chamber.

O₂ measurement to include the range 21 - 96 %.

Hand-held oxygen analyzer for spot-check or continuous measurement of the oxygen concentration from a medical gas source.

Flow rate accuracy within $\pm 3\%$

Flow rate resolution 0.1 LPM

Response time < 30 s.

Warm-up time < 15 s.

O₂ accuracy: within $\pm 3\%$.

Flow rate measurement: up to at least 10 LPM

Suitable for measuring gas supply with pressure up to 50 psi.

O₂ resolution: 0.1 %.

Self-calibration in typical conditions of use.

Display visualizing O₂ concentration, flow rate, system messages and battery status.

Electrical characteristics

Battery life > 250 hours continuous use.

Automatic power-off when not in use.

Operated by battery power supply.

2 x AA alkaline replaceable single use batteries.

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