



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803

**Product Name :**

Ultrasonic Oxygen Analyzer Handheld

**Product Code :**

SLE/RAE/19



**Website:** <https://scilabexport.com>, **Email:** [sales@scilabexport.com](mailto:sales@scilabexport.com)

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana



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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.

O<sub>2</sub> 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.

O<sub>2</sub> accuracy: within  $\pm 3\%$ .

Flow rate measurement: up to at least 10 LPM

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

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

Self-calibration in typical conditions of use.

Display visualizing O<sub>2</sub> 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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