02

Safe-Ox+

Oxygen Depletion & Enrichment Monitor



KEY FEATURES

Long-life O₂ sensor

Minimal maintenance for user

Calibration adjustment of the Safe-Ox+ can be completed using 'pure air'

Repeater included

Plug and play

Not cross sensitive to He

depletion monitor which is simple to use and maintain.

The Safe-Ox+ consists of a wall mounted main sensor once the unit is initially installed and following a cell replacement and can be achieved using certified air*. We recommend a proof test is carried out every 12 months.

dive systems, hyperbaric oxygen therapy (HBOT), gas production and gas blending stations, medical and laboratory gases such as nitrous oxide/oxygen mixes, sulphuric and nitric acid manufacture, mining, steel ideal if you are using pure oxygen, to protect you from O2 enrichment. If there is a leak or build up of inert gas such as nitrogen, argon or helium the Safe-Ox+ can also

standard which is located at the entrance to the room. The Safe-Ox+ has an integral pressure sensor that allows the device to automatically compensate for local

* Unless your local legislation/regulations state otherwise

INDUSTRIES



















Speak to UK/Global: +44 (0)1642 711 400 our team US Office: (714) 891 4478 today US Toll Free: (877) 723 3247

SPECIFICATIONS

O2 range: 0.1 to 25%

Sensor accuracy: better than ± 0.75% O₂ over 5.0 to 25.0% O₂

Response time (T90): <60 seconds

Operating temperature: 0 to $+40 \,^{\circ}\text{C} \, (+32 \, \text{to} +104 \,^{\circ}\text{F})$

Temperature effect: 0.2% of reading/°C or 0.1115% of reading/°F

Atmospheric pressure range: 811 to 1050 mbar absolute

Warm up time: 10 seconds to normal operation, prior to calibration allow 2 hours to achieve full accuracy

Dimensions: central unit = $175 \times 105 \times 75$ mm, alarm repeater = $155 \times 72 \times 45$ mm

Weight: central unit = 600g, alarm repeater = 150g

IP rating: IP65 for central unit and alarm repeater, unless the alarm repeater is quick connect then it is IP43

Sensor type: electrochemical cell Sensor life: up to 7 years in air

Display: 4 digit LCD

Alarms: 2 x alarm visual indicators, 1 x system fault indicator, 1 x status indicator, common audible alarm

Relays: one or two optional alarm relays with changeover contacts assigned to alarm 1, alarm 2 or system fault.

Contact rating 240 V AC or 30 V DC at up to 2 A, contacts are non-latching fail-safe

Output: 2 wire, 4 to 20 mA (max load 150 Ω)

Power supply options: 210 to 250 V AC supply, 110 to 120 V AC supply, 9-24 V DC supply

ANALOX ASKS

How do you achieve compliance with IMCA D023/D037? The Safe-Ox+ can help with this.





Did you know that there is no risk of accidental calibration? It will not allow you to calibrate it using ambient air.

You can call us UK/Global: +44 (0)1642 711 400

US Office: (714) 891 4478 **US Toll Free:** (877) 723 3247

You can email us info@analox.biz
Visit our website analoxgroup.com

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