

GasPod O₂

PERSONAL OXYGEN MONITOR

A personal, compact and extremely robust personal oxygen monitor, with a three-year, long-life sensor and large clear LCD display, for continuous monitoring of oxygen concentrations in the surrounding air. The GasPod offers dual protection for the user from the potential hazard of oxygen deficiency in the presence of nitrogen, argon and helium together with monitoring of oxygen enrichment.



KEY FEATURES

- Confidence heartbeat & service indication on LCD display with large clear indication for maximum user visibility.
- Simple automated push button calibration in fresh air.
- Different audible and visual indications for two primary warning alarms and two critical alarm settings.
- Rugged highly visible enclosure and durable clip to allow the user to attach GasPod securely to garments.
- Loud audible alarm for maximum volume.
- No requirement for charging. Three-year sensor/battery pack, which cannot be switched off, protecting the user at all times.
- Live readings with no sample interval for rapid alarm response times.
- Oxygen concentration reading suppressed in alarm condition to avoid user interpretation of safe levels (continuous reading available upon request).

APPLICATIONS

The GasPod personal oxygen monitor provides four alarm settings for both oxygen deficiency and enrichment monitoring. The monitor continuously checks the concentration of oxygen in the surrounding air and provides both visual and audible alarms should the detected concentration of oxygen fall below the pre-set low alarms or above the pre-set high alarm levels. The monitor contains a long-life oxygen sensor and battery pack that provide a continuous three-year operation.

NB Oxygen deficiency monitors must not be used for the detection of carbon dioxide gas.

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TECHNICAL SPECIFICATIONS

Dimensions	H80 x W45 x D33 mm
Weight	200g approx
Alarm Indications	LCD Audible Alarm 82 dBA at 10cm
Read-out	LCD display to 0.01
Calibration Test	By push button adjustment in fresh air
Alarms	High Alarm (22.5%)*, Critical High Alarm (24%)* Low Alarm (19%)*, Critical Low Alarm (18%)* * Alarm levels are factory pre-set and may be varied according to industry best practice levels.

EQUIPMENT/SERVICE OPTIONS

Certified test gases for precise checking of alarm levels.

Annual calibration service with certified test gases and documentation.

Monitor exchange service available to ensure continuity of user protection with no loss of cover during service times.

SERVICE AND SUPPORT

Design & installation Quantum can advise on how to integrate your existing equipment and/or design systems to suit specific requirements and maximise safety and reliability.

Calibration It is recommended that all products are calibrated at least every 12 months, either on site or at Quantum Cryogenics.

Maintenance and refurbishment A maintenance check is advised every 12 months. Quantum offers a choice of maintenance contracts and will refurbish/upgrade any product, regardless of age or condition.

Quantum Production has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice. Full technical specifications are available upon request.



ACCESSORIES

PART NO.	DESCRIPTION
GasPod Service	Service/Calibration of GasPod
GasPod/RS	Replacement sensor/ battery pack
TGKIT18%	Test Gas – 34L bottle 18% test gas O ₂ in nitrogen
TGKIT20.8%	Test Gas – 34L bottle 20.8% test gas O ₂ in nitrogen
TGKIT24%	Test Gas – 34L bottle 24% test gas O ₂ in nitrogen
FLOWVALVE	Flow valve for use with test gas bottles



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