

GAS MONITORING

GasPod

Personal Oxygen Monitor

A personal, compact and extremely robust personal oxygen monitor, with two year long life sensor and large clear LCD display, for continuous monitoring of oxygen concentrations in 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.

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 two year oxygen sensor and battery pack that provide a continuous two year operation.

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

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, visual and vibration indications for two primary warning alarms and two critical alarm settings
- Rugged highly visible enclosure and durable clip to allow user to attach the GasPod securely to garments
- Loud audible alarm for maximum volume
- No requirement for charging. Two 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)



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



Quantum

Complete Cryogenic Solutions

GasPod

Personal Oxygen Monitor

Technical Specification

Details

Dimensions	H80 x W45 x D33 mm
Weight	200gm approx
Alarm Indications	LCD Audible Alarm 82 dBA at 10cm Vibrate at 18%
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.

Accessories

Part No	Description
GasPod-Ox	GasPod Personal Oxygen Monitor
GasPod Service	Service/Calibration of GasPod
GasPod/RS	Service/Calibration of GasPod including replacement sensor/battery pack
TGKIT18%	Test Gas -20L bottle 18% test gas O2 in nitrogen
TGKIT20.8%	Test Gas-20L bottle 20.8% test gas O2 in nitrogen
TGKIT22%	Test Gas-20L bottle 22% test gas O2 in nitrogen
TGKIT24%	Test Gas-20L bottle 24% test gas O2 in nitrogen
FLOWVALVE	Flow valve for use with test gas bottles

Service and Support

Design and 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 Production Ltd.

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.

