

## 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

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### 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
<b>GasPod-Ox</b>	GasPod Personal Oxygen Monitor
<b>GasPod Service</b>	Service/Calibration of GasPod
<b>GasPod/RS</b>	Service/Calibration of GasPod including replacement sensor/battery pack
<b>TGKIT18%</b>	Test Gas -20L bottle 18% test gas O2 in nitrogen
<b>TGKIT20.8%</b>	Test Gas-20L bottle 20.8% test gas O2 in nitrogen
<b>TGKIT22%</b>	Test Gas-20L bottle 22% test gas O2 in nitrogen
<b>TGKIT24%</b>	Test Gas-20L bottle 24% test gas O2 in nitrogen
<b>FLOWVALVE</b>	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.

