

GasPod CO₂

PERSONAL CARBON DIOXIDE MONITOR

A personal, compact and extremely robust personal carbon dioxide monitor, with long-life sensor and large clear LCD display, for continuous monitoring of carbon dioxide concentrations in the surrounding air. GasPod CO₂ does not require daily recharging – it typically operates for 6-12 months before the batteries need replacing. Batteries are easily changed by the user.



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.
- GasPod displays CO₂ level as a % on a highly visible LCD display.
- Battery status indicator.
- Rugged highly visible enclosure and durable clip to allow the user to attach GasPod securely to garments.
- No requirement for charging as monitor cannot be switched off, protecting the user at all times.
- Long life NDIR sensor (>5 years).
- Service reminder indication.
- Two distinct alarm settings at 1.5% and 3% CO₂ with clear display readings of 'HIGH' and 'CRIT' and a loud audible alarm.
- Easy to replace Lithium battery pack. Typical life 6-12 months*

* based on infrequent alarm activity

APPLICATIONS

GasPod CO₂ provides an alarm in the presence of high CO₂ levels. The monitor continuously checks the concentration of carbon dioxide in the surrounding air and provides both visual and audible alarms should the detected concentration rise above the pre-set high alarm level. The monitor contains a long-life carbon dioxide sensor and a battery pack that provides a continuous 6-12 month operation. Unlike most personal CO₂ monitors, GasPod CO₂ does not require recharging on a daily basis.

GasPod CO₂ operates continuously and has no on/off switch for full user protection. In the presence of excess CO₂ the display changes from a % concentration to read 'HIGH' at 1.5% and 'CRIT' if levels continue to rise beyond 3% CO₂.

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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
Calibration Test	By push button adjustment in fresh air
Alarms	'HIGH' – 1.5%* 'CRIT' – 3%* * Alarm levels are factory pre-set; other alarm levels are available on request.
Response Time	<120 secs with 3% CO ₂
Operational Temperature	0–30°C
Operational Relative Humidity	15% to 95% RH
Operational Pressure Range	Atmospheric +/- 10%

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/RB	Replacement battery pack
TGKIT3%	Test Gas – 34L bottle 3% test gas CO ₂ in nitrogen
FLOWVALVE	Flow valve for use with test gas bottles

Engineering

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