
PERSONAL CARBON DIOXIDE MONITOR AND ALARM QPM4400

A PERSONAL COMPACT CARBON DIOXIDE MONITOR WITH LCD DISPLAY FOR CONTINUOUS MONITORING OF CARBON DIOXIDE CONCENTRATIONS IN SURROUNDING AIR



NEW Long life rechargeable battery

NEW Small compact size

NEW Easily calibrated by user without using calibration gases

NEW No sensors or consumables to replace

NEW Rugged, durable, weather and

LCD display and visual warnings on top for optimal viewing by user and operational confirmation of continuous operation.

System 'OK' LED and low battery(service) alarm sited along side LCD display for optimal visibility.

Operates continuously for ten hours typically under normal ambient conditions after full charge

Compact, lightweight unit – 230g approx.

Belt clip and battery charger provided. Leather case and car charger leads also available.

DESCRIPTION

The NEW QPM4400 represents the latest in dual wavelength infra-red technology for carbon dioxide personal gas monitoring. The unit incorporates an LCD display as standard and a typical ten hour life of continuous operation after full charge. The unit can be charged using a car or mains charger for maximum convenience.

The QPM4400, is a personal carbon dioxide monitor, which monitors continuously the concentration of carbon dioxide in the surrounding air. The unit provides different visual and audible alarms should the detected concentration of carbon dioxide rise above the pre - set low alarm ' WARNING' level or above the pre - set high alarm ' DANGER' level.

**Wessington Cryogenics, Building 9, Philadelphia Complex,
Houghton-le-Spring, Tyne & Wear, DH4 4UG**

Telephone +44 (0) 191 512 0677 Fax: +44 (0) 191 512 0745

www.wessingtoncryogenics.co.uk

Concentrations of up to 5% are shown on the LCD display, with the unit registering 'Hi' when this level is exceeded. Each unit is supplied with a mains battery charger and belt clip as standard. The unit can be calibrated in fresh air with an auto-calibration adjustment without needing gas. The green 'OK' light confirms for the user that the IR sensor, the battery and the System Software are all functioning correctly. If the battery runs low, then audible and visual warnings are supported by a Battery Warning on the LCD display.

SPECIFICATION

Dimensions	120 x 30 x 60mm
Weight	230gm approx
Fixings	Belt clip (Optional Leather pouch)
Alarms	Two tamperproof adjustable alarm thresholds – factory set at 0.5% and 1% with different audible responses at each level.
Response Speed	10 seconds typical
Readout display	4 digit LCD
Detection Principle	Infra Red absorption
Calibration Test	By simple push button in fresh air using LCD as reference point.
Calibration Adjust	Tamperproof span and zero calibration adjust.

Part Number	Details
PM4400	Personal CO2 Monitor including Belt Clip and Mains Charger
PM4400LC	Leather carrying case for belt or clip on use
PM4400CC24V	In car charging unit for 24V use
PM4400CC12V	In car charging unit for 12v use

Data Sheet No.: 008000251