



Quantum QFM 330



OXYGEN DEFICIENCY MONITOR AND WARNING ALARM SYSTEM

- Modular system for continuous monitoring of oxygen concentrations
 - Simple plug together system to suit every application
 - All modules have built in visual and audible alarms with two alarm states 'Low' and 'Critically Low'
 - Base module acts as simple stand-alone unit or in conjunction with a range of remote alarm/display units allowing customisation to suit different locations.
 - Lightweight, compact and easy to maintain
 - Easy user changeable on site Sensor and battery pack replacements
 - Long life oxygen sensors are employed which will provide twelve months operation in normal use
 - Battery Powered or Mains connection versions available
 - Computer connection available with data logger facilities
 - Low cost solution for oxygen monitoring.
 - Base unit cannot be switched off, giving maximum protection to the user (QFM330)
 - Alarms can be repeated at a remote sites (QRA330)
 - Digital display of the oxygen concentration can be added (QRD330)
 - Mains powered module available with boosted klaxon and warning beacon, for use in particularly noisy operating environments (QRL330)
 - Any number of base sensing units can be fitted to allow for the need for multiple sensing
 - Two independent alarm levels are pre-set on the base unit. These provide a 'Low Alarm' at 19% and a 'Critically Low' alarm at 18%.
- Audible alarms are 85dBA at 30cm for all battery operated units.
 - Simple installation with wall brackets as standard
 - Additional modules can be added to the system at a later date without need for modification of the basic unit.
 - Switching unit for connection of fans, valves or other alarm systems can be provided (MSB100)
 - By selective use of appropriate modules this system can provide a low cost solution to every scenario from a simple single monitor to a large monitoring system.

PRODUCT SPECIFICATIONS

| QFM330 | |
|---------------------|---------------------------|
| Dimensions | 150 x 90 x 50 mm (h,w,d) |
| Weight (excl cable) | 550g |
| L.E.D.'s | Low alarm |
| | Critical low alarm |
| | Battery Warning |
| | Calibration |
| QRA330 | |
| Dimensions | 130 x 105 x 60 mm (h,w,d) |
| Weight (excl.cable) | 450g |
| L.E.D.'s | Low alarm |
| | Critical low alarm |
| | Battery warning |
| | battery warning base unit |

| QRD330 | |
|---------------------|------------------------------------|
| Dimensions | 130 x 105 x 60 mm (h,w,d) |
| Weight (excl.cable) | 450g |
| L.E.D.'s | Low alarm |
| | Critical low alarm, |
| | Battery warning |
| | battery warning base unit |
| DISPLAY | Analogue panel meter 17-22% oxygen |
| QRL330 | |
| Dimensions | 280 x 105 x 60 mm. (h,w,d) |
| Weight (excl.cable) | 1000g |
| L.E.D.'s | Low alarm |
| | Critical low alarm |
| | Battery warning |
| | battery warning base unit |
| Display (D) | Analogue panel meter 17-22% oxygen |
| Xenon (X) | FLASHING BEACON |
| Klaxon (K) | AUDIBLE ALARM |

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| Part Number | Details |
|-------------|--|
| QFM330 | Base unit oxygen monitor |
| QFM330 M | Oxygen monitor Mains powered |
| QFM331 | Oxygen enrichment monitor |
| QFM333 | Oxygen high low monitor |
| QRA330 | Remote alarm repeater with 10m cable |
| QRD330 | Remote alarm repeater with LCD Display and 10m cable |
| QRL330/1 | Remote Mains Powered Repeater for use with one base sensing unit with options for: |
| OPTIONS D | Display |
| K | Klaxon, loud audible alarm, |
| X | Xenon beacon |
| QRL330/4 | Remote Mains Powered Repeater for use with four base sensing units with options for: |
| OPTIONS D | Display |
| K | Klaxon, loud audible alarm, |
| X | Xenon beacon |
| QM330RS | Replacement Sensor Pack for base unit (including battery) |
| QR330B | Replacement Battery Pack for repeater units |
| QM330CC | 10m interconnecting cable |
| MSB100 | Mains Switching box |