

Maintenance Guidelines

OXYGEN MONITORING SYSTEMS

WEEKLY - FUNCTIONALITY TEST

Recommended to be carried out by the customer at regular intervals. Ideally synchronised with other in-house testing e.g. fire alarms.

Tests should be documented.

All staff affected by the equipment should be informed of testing to ensure that they are aware of exit procedures in the event of an alarm condition.

Appropriate test gases should be used to trigger an alarm condition. Functionality testing should check whether all alarms are functional regardless of whether the system consists of one base monitor or multiple base monitors and repeaters fitted across several locations.

MONTHLY - SENSOR OPTIMISATION TEST

Recommended to be carried out by the customer on a monthly basis. The test should optimise the sensor performance at 20.8%.

Procedure is described in the operating instructions.

Test should be documented.

ANNUALLY - CALIBRATION/ HEALTH CHECK

A complete system check and calibration should be undertaken annually.

It should be undertaken using traceable test gases.

It should include servicing of all ancillary equipment in line with the main equipment.

Quantum can carry out this test on your behalf and provide independent certification.

2-3 YEARLY - REPLACEMENT PARTS

Sensor/Battery Packs have a 2-3-year life (except for the batteries supplied with the QM12VBAT and CryoPanel 1 repeater which should be replaced annually).

All sensor/battery packs have a replacement date label.

All sensor/battery packs must be replaced by the due dates given in order to ensure that full personnel protection is maintained.

Replacement parts can be supplied by post, but full instructions given in the manual must be followed when fitting to ensure that sensors are optimised at 20.8% and that alarms are fully functional.

All replacement parts will be supplied with new labels regarding service dates, which must be fitted to the body of the equipment when installing the new parts.



The following parts are available as assembled spares:

AirSafe O2-RS (OneO2 RS): Replacement sensor/battery pack for use with the AirSafe O2 Oxygen Monitor and Alarm (HH, HL, LL).

CryoPanel 1-RB: Replacement battery pack for use with the CryoPanel 1 repeater.

QM330-RS: Replacement sensor/battery pack for use with the QFM330 Oxygen Deficiency Monitor and Alarm.

QR330B: Replacement battery pack for use with the QRD330 repeater.

SERVICE & MAINTENANCE

Quantum offers a full maintenance service for all our products. We recommend that our products have a maintenance check every twelve months as a minimum.

Contracts to suit your requirements.

24/7 guaranteed onsite response.

National coverage - Full time employed engineers.

Vehicle stock carried by engineers.

UK based scheduling team.

DESIGN & INSTALLATION

Quantum has an in-house installation and service team that covers all aspects of cryogenic equipment usage. Our engineers can visit your site (UK & Ireland) and discuss how to integrate your existing equipment with new Quantum electronic monitoring products. Where necessary we partner with other cryogenic suppliers to offer a complete and integrated solution.