

**CAPACITANCE LEVEL GAUGES FOR SINGLE PRESSURISED VESSELS**



**QCG200**

Standard Liquid Level Gauge. Simple replacement for ' float ' type gauge in pressurised cryogenic vessels where an accurate and reliable reading of liquid level is required. Battery powered one piece unit.

**QCG210**

Liquid Level Gauge with read out unit on the end of a short lead (up to 2 metres). Useful for reading contents of vessels in awkward places. Battery powered two piece unit. Probe fits into hole vacated by ' float ' gauge. Read-out head comes with cable which simply plugs on to the probe.



**QCG240**

Liquid Level Gauge with Remote Output. Can be used like QCG200 Level Gauge for simple on-the-spot readings or can be connected to other units(QLA240 & QRD240) to give alarms and remote readings up to 100 metres away. Useful for monitoring vessels stored outside from the comfort of your office or laboratory

**QCG290 – NEW DESIGN**

Liquid level gauge with **4-20mA output** for linking into computer. Optional local LCD Display available (Model QLD290)



**QCG242 – NEW DESIGN**

Liquid level gauge with **voltage output** for linking into computer. Optional local LCD Display available (Model QLD242)

**CAPACITANCE LEVEL GAUGES FOR MULTIPLE PRESSURISED VESSELS**



**QLA290 – NEW DESIGN**

Central controller for monitoring liquid levels in a bank of cylinders to provide an alarm when the average level across all cylinders has dropped to a critical point. Can be supplied with a telephone autodialler for automated transmission of this alarm to pre-determined telephone numbers if required

**QCG120 – NEW DESIGN**

Liquid Level Gauge for use in individual cylinders with QLA290 monitoring system (standard cable length 10m) – oxygen cleaned as standard

**REMOTE UNITS FOR CAPACITANCE GAUGES**

**QLA240**

Plugs into socket on side of a QCG240 Level Gauge to provide visual and audible warnings if liquid level falls below pre - set alarm level on a remote or local basis as required. Can be mounted up to 100 metres away from vessel. (Standard cable length 10 metres)



**QRD240**

Plugs in to socket on side of QCG240 Level Gauge to provide a remote display of the level of liquid in the vessel being monitored. Can be mounted up to 100 metres away from vessel. (Standard cable length 10 metres)



**QLD290 – NEW DESIGN**

Remote display unit for use with QCG290 (4-20mA output) capacitance level gauges linked to a computer.



**QLD242 – NEW DESIGN**

Remote display unit for use with QCG242(voltage output) capacitance level gauges linked to a computer.

## LEVEL ALARMS FOR UNPRESSURISED VESSELS



### QLA100

Liquid Nitrogen Low Level Alarm powered by low voltage PSU. Compact, reliable self - contained unit provides a warning when liquid nitrogen level becomes too low. Safety alarm if sensor is damaged. Used to ' protect ' biological samples in cryogenic storage vessels. Units can be linked for multiple vessel monitoring. Connection point for remote alarms.

### QLA300 – NEW PRODUCT

Dual mode Liquid Nitrogen Level Monitor/ Low Level Alarm powered by battery or low voltage PSU with battery back-up. Compact, reliable self - contained unit provides a warning when liquid nitrogen level becomes too low. Safety alarm if sensor is damaged. Used to ' protect ' biological samples in cryogenic storage vessels. Allows maximum flexibility for mobility of vessels and safety of samples. Units can be linked for multiple vessel monitoring. Option for remote alarm or remote display of liquid levels.



## AUTO REFILL / MANUAL FILL SYSTEMS

### QAR3030 – NEW DESIGN



Auto-refill system for un-pressurised vessels. Controls cryogenic solenoid valve to maintain level of liquid nitrogen in vessel between ' high ' and ' low ' levels. Additional ' high alarm ' and ' low alarm ' provide warning e.g. if liquid nitrogen runs out. Used to provide automatic control of liquid level in vessel used for cryogenic biological storage. Wall mounted or with compact remote head for vessel mounting.

### QAR3080 – NEW DESIGN

Auto-refill system used to control level of liquid nitrogen in pressurised vessels and to provide reading of actual liquid level in a variety of vessels and applications. High and Low level control points and High and Low Alarm settings. Wall Mounted or with compact remote head for vessel mounting.



### QAR3050

Liquid Nitrogen High Level Controller to allow manual filling but with automatic shut-off for use where operator may be unable to visually assess when a vessel is full

## SAFETY – SAFETY - SAFETY



### QMF100 – NEW PRODUCT

Manual Safe Fill Controller ideal for filling dewars and other vessels. Ensuring interruption of gas supply in the event that the user fails to depress the switch. Supplied with solenoid valve for automatic filling/ interruption of supply.

## GAS MONITORING EQUIPMENT



### **QPM3200 PERSONAL OXYGEN MONITOR – NEW PRODUCT**

Personal pocket sized oxygen deficiency monitor with LCD Display. Cannot be switched off and provides up to two years of continuous operation after which the sensor and battery can be replaced by returning to Wessington in the post. Leather case available as optional extra.

### **QM330 OXYGEN MONITORING SYSTEM**

Simple, easy to install, battery powered, modular wall mounting oxygen system. It continuously monitors the concentration of oxygen in the surrounding air and provides both visual and audible alarms when oxygen concentrations fall beyond pre-set levels. Facility to automatically cut of gas supply in the event of dangerous oxygen depletion.



### **QTS321**

Portable oxygen monitor with digital read - out and two independent alarm settings. Battery powered used as personal monitor or for surveying potentially dangerous areas. Compact sensor on end of 5 metre long probe allows sensor to be lowered in to confined spaces or pushed in to areas to check atmosphere before entry.

### **QTS440I**

Portable Carbon Dioxide Monitor with analogue read-out and two independent alarm settings. Rechargeable for use as personal monitor or for surveying potentially dangerous areas. Compact sensor on end of 5 metre long probe allows sensor to be lowered in to confined spaces or pushed in to areas to check atmosphere before entry.



### **QM440 CARBON DIOXIDE MONITORING SYSTEM**

Wall Mounting Carbon Dioxide Monitor. It provides both visual and audible alarms when Carbon Dioxide reaches pre-set levels. The system can be supplemented with a remote display unit and relays, if required. Special version with remote monitor (QFM440P+QFM440RA) available to suit specialised working conditions in pub cellars and breweries.

### **QPM4400 – NEW PRODUCT**

Personal pocket sized carbon dioxide monitor. Programmable high and low levels with LCD display. Supplied with charger and with typical battery life of 10 hours continuous operation after full charge. Car charger and leather carrying case available as an option.

