



QLA300

BATTERY POWERED LIQUID NITROGEN UNIVERSAL LOW LEVEL ALARM FOR ALL LOW PRESSURE VESSELS AND REFRIGERATORS



- Automatic monitoring of liquid nitrogen levels with visual and audible alarms
- Battery powered for mobile use and mains powered with battery backup for static vessels
- Built in visual and audible warnings if level becomes low, including automatic reset once sufficient levels of nitrogen are re-introduced
- Optional Display on top for optimal viewing by user
- For use with liquid nitrogen refrigerators, cryostats, vessels, dewars and cold traps

- Easy to fit and install with adjustable sensor position
- Samples liquid level every 4 seconds
- Reliable and maintenance free
- When used with mains power can provide connections to remote alarms or in house panel with added advantage of internal battery back up to protect samples in the event of mains power failure
- Compact and light weight
- Optional sensor mounting kit
- The sensible precaution for all valuable refrigerated samples and all processes where liquid nitrogen must not run out Compact probe occupies negligible space in vessel
- User replaceable batteries (4 x AA cells)

- Connection for remote alarm to in house system under mains operation
- Independent warning of probe damage and low battery conditions
- Adjustable alarm setting (5-95% of probe)
- Stand alone or linking for multiple vessel monitoring available
- Designed for optimum flexibility in the lab
- Battery life in excess of 12 months (based on passive state)
- Alarm consists of level probe, monitor/alarm unit and an optional low voltage power supply unit
- Can be fitted to body, neck, lid, carrying handle of vessel, or mounted to nearby wall or surface
- Robust, moulded case
- Power supply unit compact and fully enclosed inside the unit
- Low voltage output (12V d.c.)

TECHNICAL SPECIFICATION

Power requirements	4xAA batteries or Mains powered 240/220V., 50/60 Hz (110V available)
Dimensions	95 (width), 158 (height), 33.5 (Depth)
Interconnecting cable	2 meters (12V d.c.)
Level probe and lead	To suit vessel

ORDERING INFORMATION

Part Number	Item
QLA300	Low level alarm Unit – stand alone use battery powered
QLA300PSU	Power supply unit with remote alarm connections for stand alone use
QRA100	Central remote alarm panel incorporating inputs for up to 80 low level alarms (QLA300L), central power supply to power multiple low level alarms. Includes Klaxon and beacon ideal for noisy environments and relay outputs for remote connection to ancillary equipment
QRA100RK	Control and programming interface with LCD display
QAD200	Telephone auto-dialler to automatically dial up to six phone numbers with audible message in the event of alarm conditions in any one or more vessel
QLA101	Sensor locating kit for positioning sensor in vessel



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