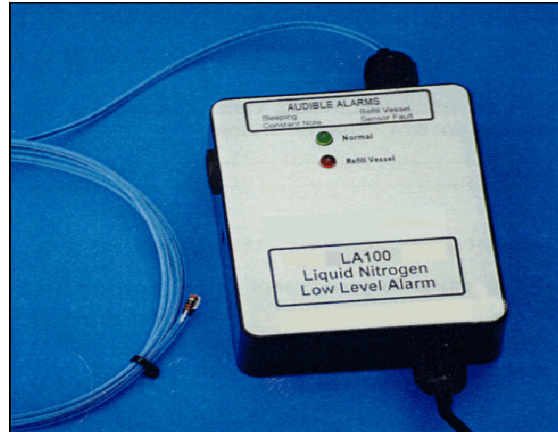




Liquid Nitrogen low level alarm

MVLA100 Low Level Alarm

- For use with LN2 dewars, refrigerators, cryostats, vessels and cold traps
- Visual and audible alarms
- Monitors signal from level sensor
- Single or multiple systems
- Compatible with Auto-dialers



This is a low level alarm for all low pressure vessels, dewars and tanks. It automatically monitors liquid nitrogen levels and provides visual and audible alarms.

The MVLA100 Liquid Nitrogen Low Level Alarm consists of a level sensor, monitor/alarm unit and a low voltage power supply unit.

The monitor/alarm unit continuously monitors the signal from the level sensor and houses the audible and visual alarms. It can be fitted to the body, lid, neck or carrying handle of a liquid nitrogen container or can be mounted on a nearby wall or surface. The unit is supplied fitted with 'Velcro' pads but can be secured equally well to a solid surface with screws.

The compact power supply unit is fully enclosed in a robust, moulded case. It provides a low voltage output (15V DC) through an interconnecting cable to the monitor/alarm unit. The level sensor is placed in the vessel at the required 'low level', the monitor/alarm unit is fixed in place and the power supply unit is connected to the electrical mains.

When liquid nitrogen covers the level sensor, the green Normal light is lit. However, when the liquid nitrogen level falls below that of the level sensor, the red alarm light flashes and the audible alarm bleeps. At the same time any suitably connected external alarm is activated. If the level sensor for any reason should be damaged, short circuited or removed, the unit emits a constant audible tone.

The sensible precaution for all valuable refrigerated samples and all processes where liquid nitrogen must not run out

Specifications

- Adjustable sensor position
- Built in visual and audible warnings if level becomes 'low'
- Connection for remote alarm to in-house monitoring systems
- Easy to fit and install
- Compact and lightweight
- Reliable and maintenance free
- Independent warning of sensor damage
- Optional sensor mounting kit
- Sensor mounting occupies negligible space in vessel

Part Numbers:

Ordering Reference	Description
GDFCSL-SD2-UK	Autodialler - tested with UK telephone line only
MVLA100	Liquid Level Alarm Unit
MVLA100-C	Remote Alarm Connector
MVLA101	Fitting Kit LA100
MVLC100	Sensor LA100-1.5m Cable