

MB30 - Gamma Alarm

Features

- Visual and audible alarms when radiation is detected
- Outputs for up to three alarm repeaters
- Portable or fixed installation
- Rugged IP65 construction
- Battery or mains operation
- Maintenance free sealed battery



Operation

The MB30 is a robust portable unit designed to give a visible and audible indication of the presence of radioactivity. Typically, this will be an environment where sudden high level radiation may be periodically present, due to radiological inspection processes. It also has uses as a 'sentry', detecting the presence of exposed sources or radiological material, whether unintentional or as a result of terrorist activity (potential dirty bomb letters or parcels).

The unit is portable, and may be used with its internal battery or a mains supply by means of an external DC power unit (PSU). The unit will automatically charge the batteries whenever connected to a source of power via the PSU. In the event of mains supply failure, MB30 will automatically revert to internal batteries. Low battery and critical battery levels are signalled by the front panel LED and warning sounder.

Specification

Alarm Sensitivity : Factory set to 7.5 μ Sv/hr (adjustable)

Detector: Energy compensated Ne+Halogen filled GM Tube

Controls: On / off and pre-warn push buttons

Audible alarm: 92 dB two tone sounder

Visual alarms: Red and amber xenon beacons

Battery: Sealed lead acid 12Volt

Mains Power source: 100 to 240 Volts AC

Size: 250 x 160 x 200 mm

Weight: 3.7Kg (including battery)

Operating temperature range: -10° to 65° C