

Low-cost area monitoring solution available with a range of probes to suit most applications.

The Radhound Alarm is a simple, yet effective solution to area monitoring that makes use of the versatile Radhound radiation monitor.

FEATURES

ALARM BEACON

A bright LED beacon provides a visual indication of the alarm status of the monitor, and can be placed directly above the Radhound or in a separate location.

CONSTANT GREEN: Displayed under normal conditions

FLASHING RED: Displayed when alarm threshold exceeded

CONSTANT RED: Displayed on start-up or in case of probe fault

POWER SUPPLY

The mains power adapter provided with the Radhound Alarm allows the unit to operate continuously and the internal lithium-ion battery provides up to 8 hours of operation in case of power failure.

NETWORKING

The Radhound Alarm can be connected to a PC, allowing real time transfer of results for the purpose of remote monitoring and data logging. Custom software will allow a number of Radhound Alarms to be monitored simultaneously from a central system.

LOW COST

Designed to fulfil basic area monitoring requirements, the affordable price of the Radhound Alarm reflects the simplicity of the solution, making it ideal for customers such as hospitals and research facilities.



SIMPLE OPERATION

The menus are easy to navigate and advanced options and functions, such as alarm threshold, can be locked as appropriate to ensure that the settings are not tampered with.

RANGE OF PROBES

The Radhound Alarm can be purchased with any of a number of probes, depending on application, from the SS340 compensated Geiger probe for area monitoring to the SS600 large area, alpha/beta probe for hand monitoring or frisking.

SPECIFICATION

Units	CPS, CPM, $\mu\text{Sv/hr}$ with autorange
Display	Clear backlit LCD display
Controls	Power, up, down, OK (menu keys)
Environmental	Operating temperature -10°C to $+50^{\circ}\text{C}$ Storage temperature -25°C to $+60^{\circ}\text{C}$ In conformity with EMC directive (89/336/EEC) as amended by Directive 92/31/EEC Low Voltage Directive (73/23/EEC), EN61326-1, EN61000-3-2, EN6100-3-3. (CE mark). Designed to meet IEC 60325-2006 and IEC 60846-2004 Nuclear Instrumentation Standards
Power	Lithium Ion rechargeable, typically >12 hours continuous use. Charger supplied
Cleaning	Radhound is chemical resistant, and can be cleaned with Alcohol wipes
Mechanical	Dimensions: (HxWxD) 250 x 250 x 150 mm Max Approx (with stand)
Range	Typically 0 to 99,999 counts per second (range and units are software selectable depending on probe)
Response Time	0.5 seconds Averaging: 5, 10, 15 seconds Integration time up to 24 hrs
Functionality	Rate, histogram, timed count, count to time, time remaining to dose, alpha beta discrimination (depending on probe)
High Voltage	350 - 1200V selectable in menu (can be locked)
Averaging	'Smart Averaging' provides fluid number change, whilst retaining a response time adjustable between slow, medium and fast

The Radhound can be used with third party detectors, please contact us to check compatibility



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