

The RHandy portable Fast Responding Radiation Detector and Dose Rate Meter will instantly measure any material for the presence of radioactivity whether it is clothing, food, water or even air.

- Fully automatic and easy to use
- Light weight
- Adjustable alarm setting
- Easy to read backlit display
- Selectable display readout



RHANDY

PORTABLE RADIATION DETECTOR

Fully Automatic and Operator Friendly

The adjustable alarm threshold setting can be set to a predetermined radiation level or the recommended factory default alarm threshold can be used. Operation of the RHandy is completely automatic once the easy-to-set operational parameters have been decided upon. Simply position the unit in close proximity to the object that needs to be scanned and listen for the varying audio alarm to sound and/or the displayed readings to increase.



In addition to the units fast response there is a resettable accumulated Dose that can be used for personal absorbed Dose or can be located near the air intake to a home for accumulated Dose tracking of air filters. Tracking of the air intake filter will provide vital information when to switch off the air and when to change the filter.



Easy to Read Display with Audible Alarm

The selectable display readout will show the desired units of measure such as Counts per Second (CPS), or Dose -Rate (Sv/hr, or R/hr). The displayed radiation level is auto-scaling with warning messages.



RHandy Specifications:

Display

- Large 1.4" (35.8mm) x 1.66" (42.2mm) LCD backlit display
- Display radiation level in selected unit of measurement, battery life, background level and alarm threshold

Operation

- Five push button activation

Energy Response Range

- From 30KeV – 1.5MeV
- Dose rate range: 0.03 μ Sv/hr to 1.0 Sv/hr (3.0 μ R/hr to 100.0 R/hr)
- Gamma Sensitivity: 60Co 18 (cps/mR/hr)
- Beta Sensitivity: I-131 (max. 606 KeV) Efficiency on contact is 97%
- Fast Scanning Response: 30.0 nSv/hr (3.0 μ R/hr) Change Over Ambient Background

Temperature Range

- -20°C to +70°C (+4°F to +158°F)

Battery

- Internal rechargeable Li Ion battery with charging LED
- Battery life: 10 hours continuous with backlight
- Battery recharge time: 4.5 hours based on 2200mAh battery
- Mini USB Connector for internal battery charging

Size

- 4.35" (110.4mm) x 2.35" (59.7mm) x 1.17" (29.7mm)
- Weight: 200g

Each RHandy Package Includes:

- RHandy fully charged and ready for use in a rugged case
- Universal battery charger
- Operation manual



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