

Product Datasheet

Radhound X335

Hand-held Radiation Meter

The Radhound X335 is an advanced hand-held survey meter with an integrated compensated end window Geiger detector for gamma and X-ray dose rate monitoring.



Application Areas

- Health physics, for monitoring of surface dose rate (e.g. Jigs, storage areas, emissions from equipment).
- Nuclear medicine departments.
- Radiological survey work and lab use.
- Emergency planning, response and clean up.
- Research applications.

Features

- Dose Rate Range $H^*(10)$: 0.01 $\mu\text{Sv/hr}$ - 1 mSv/hr
- Energy response 20 keV - 1.5 MeV
- Clear digital LCD display with backlight.
- Adjustable alarm levels.
- Timed count and timed dose function.
- Peak mode.
- Over range indication.

Specifications

Mechanical

Dimensions 165 x 115 x 59 mm (excluding handle)

Weight 1.4 kg

Units uSv/hr (or R/hr) – autoranging
Can be configured for CPS (CPM)

Display Large backlit LCD 70 mm x 40 mm
Automatic backlight movement sensor
– when instrument is picked up, the
backlight comes on
On screen battery status indication

Main Modes of Operation Dose (or count) rate, Integration Mode,
Histogram (Count rate graph),
Peak Value

Radiological Performance

Measured Quantity Ambient Dose equivalent H*(10)

Dose Rate Range 0.01 uSv/hr – 1 mSv/hr

Energy Response 20 keV – 1.5 MeV

Power

Battery Uses 2 x 1.5 V Alkaline C-Cell
(or optional Lithium Ion rechargeable
available on request)

Battery Life Typically 8 hours

Environmental

Operating Temperature -10°C to +50°C

Storage Temperature -25°C to +60°C

Compliance

Standard Compliance In conformity with EMC directive
(2004/108/EC), EN61326-1
EN61000-3-2, EN6100-3-3
Low Voltage Directive (2006/95/EC)
Designed to meet IEC 60325-2006
and IEC 60846-2004 Nuclear
Instrumentation Standards

Specifications are subject to change without notice.
For the most up-to-date specifications, please visit www.southernscientific.co.uk

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