

RADIATION METER

TECHNICAL DATA

FEATURES

- Monitors the environment to alert users to the presence of radioactive material
- Energy compensated Geiger Mueller detector
- Detects Alpha, Beta, Gamma, and X-radiation
- Automatic selection of measurement range
- Adjustable indication of average time
- Accumulation of radiation detection values and conversions between different measurement units
- Pulse counting function
- User-adjustable alert levels with audio/visual alarm indicators
- Can store 4000 groups of data internally
- Interfaces to a computer via Bluetooth
- LCD display with numerical and bar-graph indicator and backlight
- Detects radiation leaks; Checks for contamination; Finds radioactive items in the workplace or home; Checks for radioactive deposits in the ground; Checks for X-ray scatter; Locates spill and lost materials

SPECIFICATIONS

- Measured Rays:** Alpha, Beta, Gamma, and X-rays
Radiation Dose Rate Range: 0.0001 - 1000 μ Sv/h
Pulse Dose Rate Range: 0 - 4000cpm/cps
Accumulated Radiation Dose Value: 0.001 μ Sv - 9999Sv
Accumulated Pulse Dose Rate: 0 - 9999
Sensitivity: A-Ray: From 4.0 MeV; B-Ray: From 0.2 MeV
Y-Ray: From 0.02 MeV; X-Ray: From 0.2 MeV
Accuracy: <10% (less than 500 μ Sv/h);
<20%(less than 600 μ Sv/h)
Output Port: Wireless Bluetooth transmission
Average Time: Adjustable 2 to 12 seconds
Natural Environment Value: Less than 0 - 0.2 μ Sv/h
Internal Memory: 4000 groups of data
Power Supply: 4 x 1.5V batteries
Dimensions: 200 x 70 x 45mm
Weight: 206 g



ORDERING INFORMATION

R8008 Radiation Meter