



**THE RIGHT SOURCE  
THE RIGHT SOLUTIONS**

**RADIATION METER**

**TECHNICAL DATA**

**FEATURES**

- Monitors the environment to alert users to the presence of radioactive material
- 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 - 1000µSv/h  
**Pulse Dose Rate Range:** 0 - 4000cpm/cps  
**Accumulated Radiation Dose Value:** 0.001µSv - 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 500µSv/h);  
 <20%(less than 600µSv/h)  
**Output Port:** Wireless Bluetooth transmission  
**Average Time:** Adjustable 2 to 12 seconds  
**Natural Environment Value:** Less than 0 - 0.2µSv/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

**Contact us at 1-800-561-8187  
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 www.reedinstruments.com**

