CNMC
a Best Medical company

RadEye G / RadEye G-10

Personal Radiation Detector

The RadEye G is a light-weight and very rugged instrument designed for quick and reliable measurement of gamma dose rates. Modern electronic circuitry guarantees excellent linearity over 6 decades of radiation intensity from background level to 10 R/h with an over-range indication up to 1000 R/h. The RadEye G incorporates a large energy compensated GM-tube for precise dose rate measurement for gamma and x-ray. The RadEye G-10 version incorporates a different energy filter in order to achieve a Sievert response curve according to ambient equivalent dose rate H*(10). There is also a PTB* type tested and approved version available. All essential functions are easily accessed while wearing protective gloves. The alarm LED can be seen while the instrument is worn in a belt-holster and a built in vibrator and earphone output for silent alarming are included.

Large graphic display with clear prefix and bar-graph

Background measurement
Alarm thresholds - two triangles in the bar graph, indication low

Approaching a source
Alarm thresholds - not yet exceeded trend arrow indicates increasing radiation level

Alarm level 1 exceeded
"Alarm 1" and "speaker" displayed absence of trend arrow indicates stable radiation level - reading can be made

Main Applications:
Gamma Dose Rate Measurement,
X-Ray Measurement,
Medical Radiation Protection

Detector:
Energy compensated GM-tube

Measuring Range:

RadEye G:	5 µR/h to 10 R/h
RadEye G-10:	0.05 µSv/h-1 00 mSv/hr mSv/h [5 µREM/h to 10 REM/h]

Over range Indication:
- 1,000 R/h [10 Sv/h]

Energy Range ± 30 %:
- RadEye G: 45 KeV to 1.3 MeV
- RadEye G-10: 50 KeV to 1.3 MeV

Count Rate for Cs-137 (662 KeV):
- 17 cps per mR/h
  [1.7 cps per µSv/h

*PTB: Physikalisch-Technische Bundesanstalt, Braunschweig, Germany

865 Easthagan Drive, Nashville, Tennessee 37217 USA
phone 615 391 3076 800 635 2662 fax 615 885 0285 www.cnmcco.com
AFRICA | ASIA | EUROPE | LATIN AMERICA | MIDDLE EAST | NORTH AMERICA

Best®
healthcare for everyone