

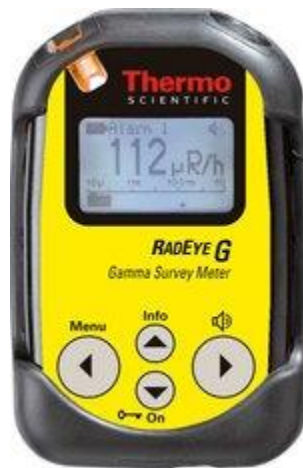
Appendix D

Thermo RedEye GF-10 Units

MJW has 7 Thermo RadEye GF-10 units for sale. Figure 1 shows one of the GF-10 instruments and holster. Figure 2 shows There is only one of the PC comm package (Reader, Cable and Software). Figures 3 and 4 shows the Cs-137 check source box and the source which there is only one of.

Description from Thermo Scientific™ web page:

RadEye™ G Series Personal Dose Rate Meters



Continuously monitor your radiation exposure in any nuclear or radiological emergency. The Thermo Scientific™ RadEye™ G Series of personal radiation detectors provide first responders with quick, reliable gamma and dose rate measurements. These light-weight, handheld Geiger counters detect and measure very low gamma energies; even the smallest change in radiation rates are displayed immediately, while coincidentally occurring fluctuations are suppressed. For hazmat teams investigating potentially explosive atmospheres, intrinsically safe RadEye G models meet the latest ATEX standards.

The unit specifications are as follows:

Detector Type	Energy-compensated Geiger-Mueller tube
Dimensions (L x W x H)	3.78 x 1.25 x 2.4 in. (9.6 x 3.1 x 6.1 cm)

Type	Personal Radiation Detector
Description	Radeye GF-10 with Yellow Label
Weight (English)	6.6 oz.
Weight (Metric)	160g
Measurement Ranges	5 μ Sv/h to 3 Sv/h [500 urem/h - 300 rem/h]
Energy Range	50 keV to 3 MeV in accordance with IEC 60846-1 (incl. angular dependency)
Battery Life	900 hours
Battery Type	2 AAA
Count Rate	For Cs-137 (662 keV): 0.13 cps per μ Sv/h
Dose Range	H*(10) up to 10 Sv
Overrange Threshold	up to 10 Sv/h
Protection Degree	IP 65 according to EN 60529
Units	H*(10) in Sv and Sv/h

Additional Product Overview:

- Menu driven interface can be optimized to application
- Large, clear, backlit display for error free readings
- High range versions for high turn back levels up to 300 R/h (3 Sv/h)
- Intrinsically safe versions for potentially explosive environments
- Large energy compensated GM tube for precise dose rate measurement of gamma and X-ray
- High sensitivity to low energy gamma radiation in harsh environments
- Durable – shock resistant design
- 900 hour operation with 2 AAA batteries
- Bright LED allows for operation in smoke and darkness
- One hot and four advanced buttons – easy to use Alarm relay output – for area monitor application
- Designed to exceed ANSI N42.33 standard
- Intrinsically safe , ATEX certified
- Data analysis can be done by an optional Windows™-based PC-software and an accompanying reader device



Figure 1. RadEye GF-10 with Holster



Figure 2. RadEye Reader, Cable and Software



Figures 3 & 4. RadEye Check Source Box Exterior and Check Source