

# RADIATION ALERT<sup>®</sup> GammaView

The compact GammaView is light, easy to carry and operate with a 1x1 NaI scintillation detector that accurately measures gamma contamination and exposure. Perfect for use in the lab, facility, and in the field.

The GammaView can also be used as a single-channel analyzer (SCA). This function allows a “window” to be set to focus on a specific energy region of the gamma spectrum, effectively reducing the background count.

## Specifications

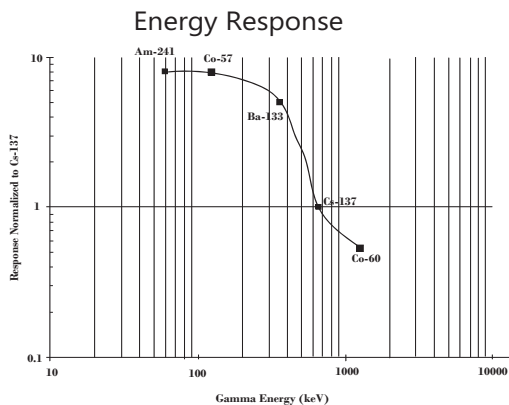
### Gamma Scintillator Detector

1x1 NaI Scintillation Probe. 2.5 cm (1 in) dia. x 2.5 cm (1 in) thick with C Connector. The GammaView is optimized for use with the included 1x1 NaI probe.

**Optional-** 2x2 NaI(Tl) scintillator, 5.1 cm (2 in.) dia. x 5.1 cm (2 in.) thick

### Operating Range

1 X 1	2 X 2
mR/hr – 1 µR/h to 5 mR/h	mR/hr – 1 µR/h to 2 mR/h
µSv/hr - 0.001 to 50	µSv/hr - 0.001 to 20
CPM – 0 to approx. 875,000	Same
CPS – 0 to approx. 14,584	Same
Total Counts- 999,999	Same



### Energy Range

1x1 20 KeV to 1.5 MeV  
2x2 60 KeV to 2 MeV

### Typical sensitivity

1x1 150 CPM/µR/hr.  
2x2 90,000 CPM/µSv/hr

### Accuracy

±10% with Source Calibration (Referenced to Cs137)

### Operating Voltage

Typically 500 to 1200 Volts

### Selectable Alert Set Range

mR/hr - 1 µR/h to 5 mR/h  
µSv/hr - 0.001 to 50  
CPM - 1 to 875,000  
CPS- 1 to 14,584

Pulsating beeper sounds the alert.

**S.E. INTERNATIONAL, INC.**

*excellence in radiation detection -  $\alpha$   $\beta$   $\gamma$  x*

**RADIATION ALERT<sup>®</sup>**

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## Count Light

Red LED flashes with each radiation event.

## Audio Indicator

Internally mounted beeper (can be switched off for silent operation)

## Power Requirements

Two AA alkaline batteries (included). Approx. 500 hrs @ background.

## Size

Base unit - 140 X 68 X 33 mm (5.5 X 2.7 X 1.3 in.),  
Probe- 5.0 X 18.5 cm (2 x 7.3 in)

## Temperature Range

-15°C to +50°C (14°F to 122°F)

The Observer USB Software reads in Total Counts, CPM,  $\mu\text{R/hr}$ ,  $\text{mR/hr}$ , CPS,  $\mu\text{Sv/hr}$ , and has the ability to collect, log the data received, set the calibration date and settings, and echo the readings collected on a PC.

The data is displayed on a graph, as well as a digital on-screen meter. Data can be saved or printed in various ways, including a spreadsheet format.

The dwell/count time can be adjusted for each point on the graph. You can set the length of time for the count. The software display has adjustable settings as well as a settable alarm.

## Display

Graphic Display with Backlight

## Averaging Periods

Display updates every 3 seconds. At low background levels, the update is the average for the past 30-second time period. The timed period for the average decreases as the radiation level increases.

## Anti-Saturation

Meter will hold at OVER RANGE in fields as high as 100 times the maximum reading.

## Outputs

USB for use with Free Observer USB Software for PCs

Bluetooth for use with the Free Observer BLE App for Android.

## Humidity

10% to 70% Non-Condensing.

## Weight

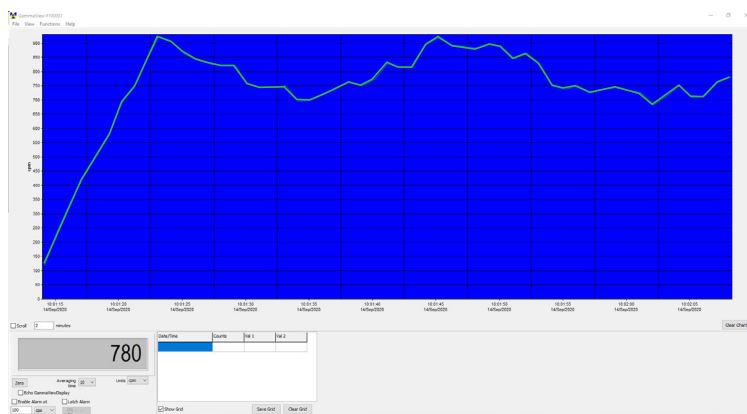
Base unit - 193 grams (6.8 oz) with batteries.  
1 x 1 Probe- 393 grams (13.8 oz)  
2 x 2 Probe- 816 grams (28.8 oz)

## Includes

NIST Certificate of Calibration, Carrying Case, Xtreme Boot, Stand, Lanyard, Mini-USB Cable, Free Observer USB Software Download, Free Observer BLE Software Download

## Warranty

1 Year Limited Warranty



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