

# 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

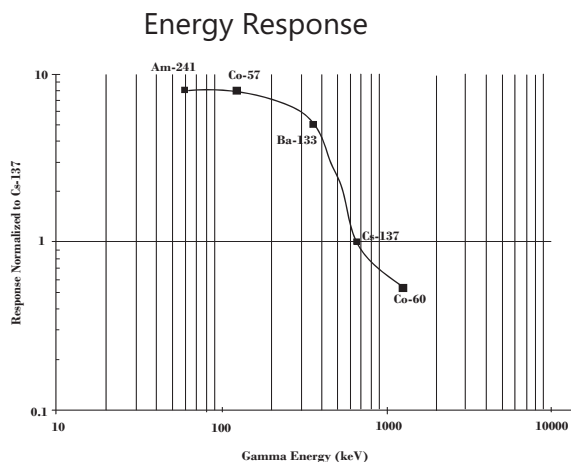
### Gamma Scintillator Detector

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.

Or, optional 2x2 NaI(Tl) scintillator, 5.1 cm (2 in.) dia. x 5.1 cm (2 in.) thick

### Operating Range

mR/hr – 1  $\mu$ R/h to 5 mR/h  
 $\mu$ Sv/hr - 0.001 to 50  
CPM – 0 to approx. 875,000  
CPS – 0 to approx. 14,584  
Total Counts- 999,999



### Energy Range

20 Kev to 1.5 MeV

### Typical sensitivity

150 CPM/ $\mu$ R/hr.

### Accuracy

$\pm 10\%$  with Source Calibration (Referenced to Cs137)

### Operating Voltage

Typically 500 to 1200 Volts

### Selectable Alert Set Range

mR/hr - 1  $\mu$ R/h to 5 mR/h  
 $\mu$ Sv/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 - a  $\beta$   $\gamma$  x*

**RADIATION ALERT<sup>®</sup>**

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## Outputs

USB for use with Free Observer USB Software for PCs

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

## 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.

The Observer USB Software reads in Total Counts, CPM,  $\mu\text{R}/\text{hr}$ ,  $\text{mR}/\text{hr}$ , CPS,  $\mu\text{Sv}/\text{hr}$ , 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.

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

## Anti-Saturation

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

## 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)

## Humidity

10% to 70% Non-Condensing.

## Weight

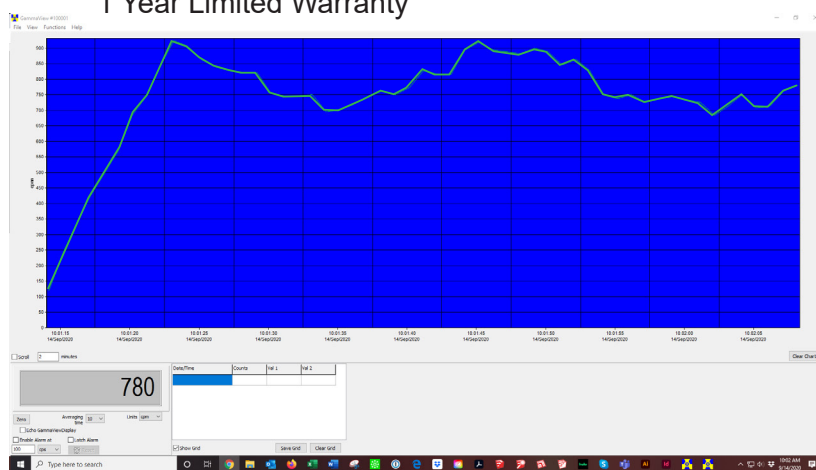
Base unit - 193 grams (6.8 oz) with batteries. Probe- 393 grams (13.8 oz)

## 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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