

# 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.

## Detector

1x1 NaI Scintillation Probe.

## Operating Range

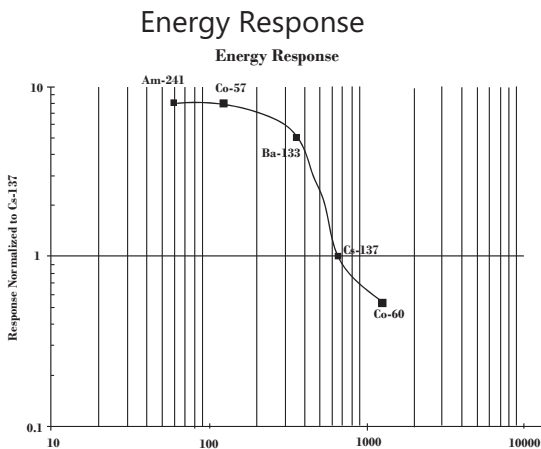
mR/hr - 1  $\mu$ R/h to 5 mR/h  
 $\mu$ Sv/hr - 0.001 to 50  
CPM - 0 to approx. 875,000  
CPS - 0 to approx. 14,584  
Total Counts- 999,999

## Energy Range

20 Kev to 1.5 MeV

## Typical sensitivity

150 CPM/ $\mu$ R/hr.



## Accuracy (Referenced to Cs137)

$\pm$ 10% with Source Calibration

## 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.

## Display

Graphic Display with Backlight

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

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## Power Requirements

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

## Temperature Range

-15C° to 50C°/5F° to 122F°

## Humidity Range

10% to 70% (non-condensing)

## 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)

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.

## 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 and Bluetooth BLE (4.1)

## Count Light

Red LED flashes with each radiation event

## Audio Indicator

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

## Weight

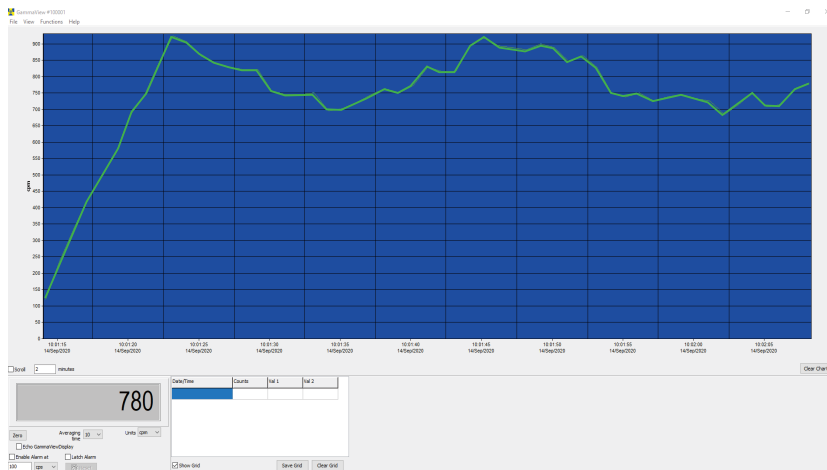
Base unit - 193 grams (6.8 oz) with batteries, Probe- 393 grams (13.8 oz)

## Includes

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

## Warranty

1 Year Limited warranty



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