

# Inspector+

a B y X 

Now with an adjustable alert, the Inspector+ is a small, handheld, microprocessor-based instrument which offers excellent sensitivity to low levels of alpha, beta, gamma, and x-rays. The digital readout is displayed with a red count light and a beeper sounds with each count detected. Other features include an adjustable timer, external calibration controls and selectable alert.

## Detector

Internal Halogen-quenched, uncompensated GM tube with thin mica window, 1.4-2.0 mg/cm<sup>2</sup> areal density. Effective diameter of window is 45 mm (1.75 in.).

## Operating Range

mR/hr - .001 (1 $\mu$ R) to 100 mR/hr

$\mu$ Sv/hr - .01 to 1000

Total/ Timer - 1 to 9,999,000 counts

CPM - 0 to 350,000

CPS - 0 to 5000

## Accuracy

mR/hr  $\pm$ 10% typical (NIST),  $\pm$ 15% max - 0 to 100

$\mu$ Sv/hr  $\pm$ 10% typical (NIST),  $\pm$ 15% max - 01 - 1000

CPM  $\pm$ 10% typical (NIST),  $\pm$ 15% max - 0 to 350,000

(Referenced to Cs-137)

## Alert Set Range

mR/hr .001 - 50 and CPM 1 - 160,000

## Power Requirements

One 9-volt alkaline battery. 2160 hours at background.

## Weight

Inspector: 275 grams (9.7 oz.) without battery.

## Size

150 x 80 x 30 mm (5.9 x 3.3 x 1.2 in.).

## Count Light

Red LED flashes with each radiation event.

## Outputs

Dual miniature jack drives CMOS or TTL devices: count to computer or datalogger. Submini jack input allows for electronic calibration

## Anti-Saturation

Meter holds full scale in fields as high as 100 times the maximum reading.

## Temperature Range

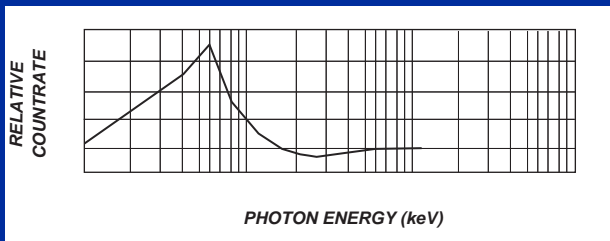
-10°C to 50°C (14°F to 122°F)

## Includes

Carrying Case,  
CE Certification

## Warranty

1 year limited, 90  
day Warranty on  
GM Detector.



**RADIATION**  
A • L • E • R • T  
QUALITY HANDHELD DETECTORS



ACTUAL SIZE





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.