

Inspector EXP+

α β γ X 

Now with a selectable alert, the Inspector EXP+ 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.



Detector:

Halogen-quenched, uncompensated GM tube with thin mica window, 1.4-2.0 mg/cm² areal density with an Anodized aluminum housing with coated, black foam grip. 500-volt power supply is in the probe head.
Size- Approx. length: 22.2 cm (8.75 in.) Diameter: 7 cm (2.75 in.). Connector - Amphenol tuchel connectors

Accuracy

+/- 10% - 0 to 100 mR/hr (1-1000 μ Sv/hr) Ref. to Cs-137

Display

4 digit liquid crystal display with indicators.

Operating Range

μ Sv/hr - .01 to 1000 CPS - 0 to 5000
mR/hr - .001 (1 μ R) to 100 CPM - 0 to 350,000
Total/ Timer - 1 to 9,999,000 counts

Averaging periods

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

Alert Set Range

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

Gamma Sensitivity

3500 CPM/mR/hr referenced to Cs-137. Smallest detectable level for I-125 is .02 μ Ci at contact.

Timer

Can set 1 minute sampling periods from 1 to 10 minutes. 10 minute sampling periods 10- 60 minutes. 1 hour sampling periods from 1 to 24 hours.

Outputs

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

Power Requirements

9-volt battery life is min. 2160 hours at normal background radiation levels.

Temperature Range

-10°C to 50°C (14°F to 122°F).

Weight

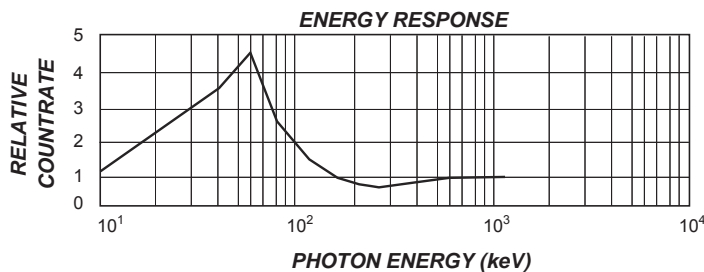
880.2 grams (28.0 oz.) without battery.

Size

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

Warranty

1 year limited, 90 day Warranty on GM Detector.



RADIATION[®]
A · L · E · R · T
QUALITY HANDHELD DETECTORS



Thank you for reading this data sheet.

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



UK Office

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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.