



SECURINESS Inspector Xtreme

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Inspector Xtreme Handheld
Digital Radiation Alert Detector.



SECURINESS Inspector Xtreme Handheld Digital Radiation Alert Detector

The Inspector Xtreme boot offers maximum performance in a lightweight rugged solution for using your survey meter in the field. The Inspector Xtreme is designed specifically for individuals operating in tough environments, such as 1st Responders, Mining, and HAZMAT crews. The unit 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.

Specifications

Detector

Internal Halogen-quenched, uncompensated GM tube with thin mica window, 1.4-2.0 mg/cm² areal density. Effective diameter of window is 45 mm (1.75 in.). Radiation symbol on front label marks the center of the detector.

Display

4 digit liquid crystal display with indicators.

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

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.

Operating Range

mR/hr - .001 (1 μ R) to 100 mR/hr CPM - 0 to 350,000

μ Sv/hr - .01 to 1000 CPS - 0 to 5000

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

Accuracy

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

$\mu\text{Sv/hr}$ $\pm 10\%$ 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. 70db @ 1m.

Count Light

Red LED flashes with each radiation event.

Audio Indicator

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

Outputs

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

Anti-Saturation

Meter will hold at full scale in fields as high as 100 times the maximum reading.

Power Requirements

One 9-volt alkaline battery. Battery life is 2160 hours at normal background.

Temperature Range

-10°C to 50°C (14°F to 122°F)

Weight

Inspector: 453.6 grams (16 oz.) without battery.

Size

177.8 x 95.3 x 39 mm.

Utility Menu

The Utility Menu offers several options accessible by holding down the + button while turning the instrument on. 3 second (fast response)

Includes

Xtreme Boot, CE Certification

Pris pr. stk.

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Priserne er eksklusive moms og levering.