Now with USB and the free Observer USB Software, you can download your data from the internal memory, set computer alarms, and calibrate your instrument! The Inspector Xtreme USB offers maximum performance in a lightweight, rugged solution for using your survey meter in the field. The Inspector Xtreme USB is designed specifically for individuals operating in tough environments, such as 1st Responders, miners, 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.

**Operating Range**
- mR/hr - .001 (1µR) to 100
- µSv/hr - .01 to 1000
- CPM - 0 to 350,000
- CPS - 0 to 5000
- Total/ Timer - 1 to 9,999,000 counts

**Accuracy (Cs<sup>137</sup>)**
- mR/hr ±10% typical (NIST), ±15% max - 0 to 100
- µSv/hr ±10% typical (NIST), ±15% max - 01 - 1000
- CPM ±10% typical (NIST), ±15% max - 0 to 350,000
  (Referenced to Cs-137)

**Energy Sensitivity**
Detects Alpha down to 2 MeV. Detects Beta down to .16 MeV; typical detection efficiency at 1 MeV is approx. 25%. Detects Gamma down to 10 KeV through the end window. 3340 CPM/mR/hr (Cs<sup>137</sup>).

**Smallest detectable level for I<sup>125</sup>** is .02 µCi at contact.

**Built-In Efficiencies**
- Sulfur (S35), Sr/y90, Cesium (Cs137),
- Phosphorus (P32), Carbon (C14), Iodine (I131),
- Cobalt (Co60), and Alpha

**Alert Set Range**
- mR/hr .001 - 50 and CPM 1 - 160,000. 70db @ 1m.
Inspector Xtreme USB
Handheld Radiation Alert® Detector

Display
Backlit 4 digit liquid crystal display with indicators.

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 and counts to computer or datalogger.
USB for use with Observer USB Software for PCs

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 approx. 1200 hours at normal background.

Temperature Range
-10º to 50ºC (14º to 122ºF)

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

Size
178 x 95 x 41 mm (7 x 3.8 x 1.6 in.)

Includes
Carrying Case, Certification of Conformance, Observer USB Software

Options
Wipe Test Plate & Stand

Limited Warranty
1 year limited, 90 day limited warranty on GM Tube

The Xtreme Boot option provides easy access to the buttons.

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