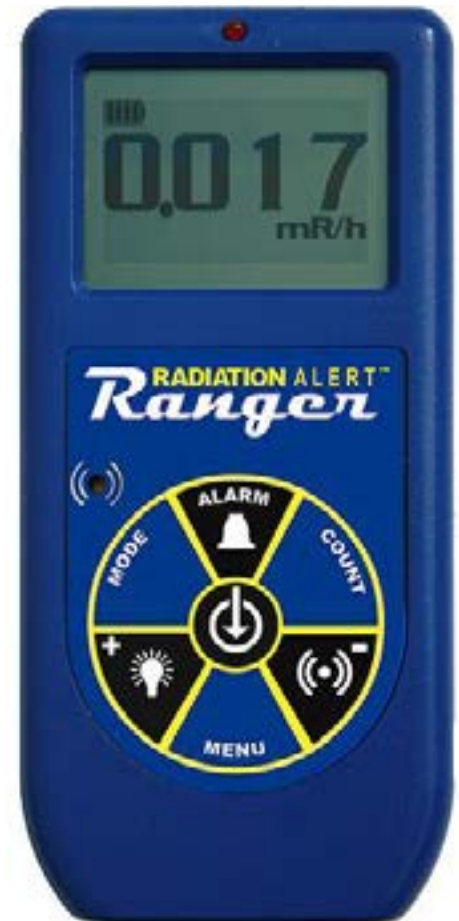




The Ranger Survey Meter

The Ranger Survey Meter provides maximum performance in a lightweight, rugged solution for surveying in the laboratory or in the field. Designed for industrial environments, the ranger is a small handheld, digital radiation survey meter. The meter offers exceptional sensitivity to low levels of alpha, beta, gamma, and x-rays. It has built-in efficiencies for common isotopes to calculate any activity in Bq and DPM. The device features a back-lit digital display, a red count light and a beeper. The beeper sounds when each count has been detected. In addition, the meter has an internal memory and free Observer USB Software. The software



Features:

- Selectable alert levels
- Adjustable timer
- Optional wipe test plate for swipes
- Back-lit digital display
- Red count light
- Beeper for counts detected
- Internal memory and Observer USB Software
- Power Requirements: Two AA alkaline batteries. Approx. 800 hrs at background.
- Carrying Case, Xtreme Boot, Stand, Detector Cover, Lanyard, Mini-USB Cable, Observer USB Software Download, Certificate of Conformance
- Options : Wipe Test Plate, Swipes, NIST Calibration
- 1 year limited warranty

Specifications:

- **Energy Sensitivity**

3340 CPM/mR/hr referenced to Cs137

- 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. Smallest detectable level for I125 is .02 μ Ci at contact.

- **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.

- **Operating Range**

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

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

- **Accuracy**

\pm 15% from factory, \pm 10% with NIST Source Calibration

- **Size**

140 X 68 X 33 mm (5.5 X 2.7 X 1.3 in.)