

Radiation Alert® Frisker Handheld Detector



The Radiation Frisker is a radiation contamination instrument that has been designed and developed to meet the demands of today's radiation responder. By integrating the latest electronics with a proven and dependable Geiger-Mueller detector, the result is an ergonomic and ruggedized tool that addresses any number of radiological applications.

Calibratable Operating Range

μR/hr - 1 to 50,000 CPM - 0.0 to 175,000
nSv/hr - 1 to 500,000 CPS - 0.0 to 2500

Accuracy (Cs¹³⁷)

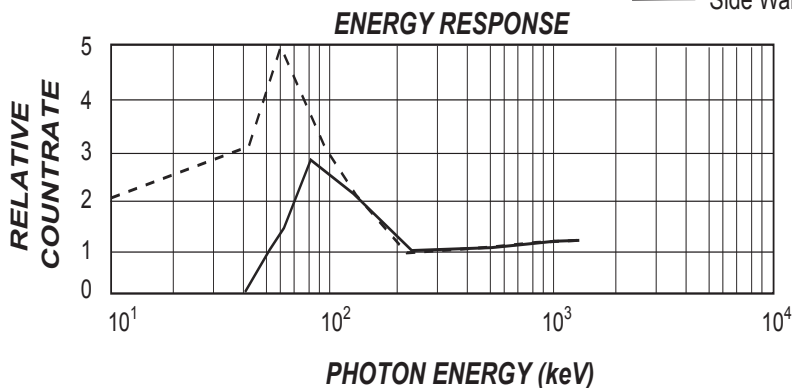
μR/hr ±10% typical (NIST), ±15% max - 0 to 50,000
nSv/hr ±10% typical (NIST), ±15% max - 1 - 500,000
CPM ±10% typical (NIST), ±15% max - 0 to 175,000
(Referenced to Cs¹³⁷)

Energy Sensitivity

Detects Alpha down to 2 MeV. Detects Beta down to .16 MeV; typical detection efficiency at 1 MeV is approximately 25%. Detects Gamma down to 10 KeV through the detector window. 3340 CPM/mR/hr (Cs¹³⁷). Smallest detectable level for I¹²⁵ is .02 μCi at contact.



--- End Window
— Side Wall



SE INTERNATIONAL INC



P.O. Box 39, 436 Farm Rd. Summertown, TN 38483
1-800-293-5759 | Fax: 931-964-3564
www.seintl.com | radiationinfo@seintl.com

RADIATION[®] A • L • E • R • T

Radiation Frisker

Handheld Radiation Alert® Detector



Anti-Saturation

Readout will OVERRANGE in radiation fields as high as 100 times the maximum reading.

Alert

Pulsating beeper sounds the alert. Adjustable alert levels are used for μ R/hr, mR/hr, CPM, μ Sv/hr, mSv/hr, and CPS.

Display

Backlit liquid crystal display with mode indicators.

Count Light

Red LED flashes with each count.

Audio Indicator

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

Power Requirements

Two (2) AA alkaline batteries. Battery life is approx. 500 hours at normal background radiation levels w/o backlight (based on 1000m/Ah batteries).

Temperature Range

-10° to +50°C (14° to 122°F)

Weight

217 g (7.7 oz.)

Size

276 x 44 x 64 mm (10.875 x 1.75 x 2.5 in.)

Includes

Carrying Case

Limited Warranty

1 year limited warranty



Detector Bottom View

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