

model

Frisker Handheld

Shown w/o protective boot



bottom view

Features:

- Backlit liquid crystal display with mode indicators
- Pulsating beeper sounds the alert. Adjustable alert levels are used for $\mu\text{R/hr}$ / CPM, and nSv/hr / CPS.
- Anit-Saturation-Readout will OVERRANGE in radiation fields as high as 100 times the maximum reading.
- Temperature Range: -10° to $+50^\circ\text{C}$ (14° to 122°F)
Weight: 217 g (7.7 oz.)
Size: 276 x 44 x 64 mm (10.88 x 1.75 x 2.5 in.)
- Requires 2 AA alkaline batteries. Battery life is approx. 1000 hours at normal background radiation levels w/o backlight (based on 1000m/AH batteries)
- Includes carrying case, lanyard, and protective boot. Protective boot fits most industry standard dose rate and compensation filters.
- Limited 1 year warranty



Monitor 200 Handheld Digital Radiation Alert® Detector

Sick of getting tripped up by cables? Want that free hand back? Tired of lugging around a meter the size of a lunch box? Presenting The Radiation Alert® Frisker. The Radiation Frisker detects alpha, beta, and gamma and has an assortment of units of measure, customizable alarm levels, and a backlit display. A light weight, single-handed radiation contamination instrument that has been designed to meet the demands of today's radiation personnel for leak testing, surface monitoring, sample screening, and personnel screening. By integrating the latest electronics with a proven and dependable Geiger Mueller detector, S.E. International has created a rugged, ergonomic Geiger counter that addresses a number of radiological applications.

Operating Range

$\mu\text{R/hr}$ – 1 to 50,000
CPM – 0.0 to 175,000
 nSv/hr – 1 to 500,000
CPS – 0.0 to 2500

Accuracy

Typically $\pm 15\%$ from factory. , $\pm 10\%$ (NIST).

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 detector window. 3600 CPM/mR/hr (137Cs). Smallest detectable level for 125I is .02 μCi at contact. he window, 40 keV

Halogen-quenched GM tube with thin mica end window. Mica window density 1.5-2.0 mg/cm^2 . Effective diameter of window is 45 mm (1.77 in.). Side wall is .012 inch thick.

