

Isotope Identification

rad-ID



Overview:

The handheld **rad-ID** radiation isotope identifier quickly and accurately identifies 17 SNM and medical isotopes. The **rad-ID** will even detect shielded SNM. Combining four independent radiation sensors into one small package, the **rad-ID** is ideal for sweeping crowds, cargo, luggage, cars, and trucks. When used with radiation detectors, such as the **D-tect rad-D** and **mini rad-D**, a large coverage area can be secured for a low cost. Quick isotope identification allows medical patients and medical shipments to be cleared quickly.

Features:

Rugged, handheld unit for all weather use. One of the four sensors is for user protection, identifying not just the type of radiation, but also identifying where the user needs to establish a safety perimeter. Detected isotopes will be identified in a LCD screen. Measured isotope spectra can also be recorded and transmitted to 3rd party evaluators.



SNM	Medical
Am ₂₄₁	Ga ₆₇
Ba ₁₃₃	I ₁₂₅
Co ₅₇	I ₁₃₁
Cs ₁₃₇	In ₁₁₁
Pu ₂₃₉	Pd ₁₀₃
Ra ₂₂₆	Tc _{99m}
U ₂₃₃	Th ₂₀₁
U ₂₃₅	Th ₂₃₂
	Xe ₁₃₃

*Specifications:

- Detects neutrons using an He-3 detector.
- Measures Gamma and X-Rays with a high-speed, high-resolution CZT sensor array and an NaI sensor
- GM sensor for measuring the dose being received by the user, and warning of hazardous levels.
- Spectra measured from 25 keV to 3 MeV
- Powered by 3 conventional C cell alkaline
- Response time: <1 sec
- Identified isotopes:

* Specifications subject to change

