

INSPECTOR'S RADIATION SCANNER

Model # RAD-ID-W

[Click here to watch RAD-ID-W video.](#)

FEATURES:

- DETECTS AT A DISTANCE SEES THRU OBSTACLES
- EXCELLENT SEARCH TOOL
- LARGE 7" dia. NaI(Tl) CRYSTAL FOR GAMMAS
- OPTIONAL NEUTRON DETECTOR
- OPTIONAL SHIELD AND COLLIMATOR
- FAST, ACCURATE RESPONSE
- HAND CARRIED, BACKPACK, OR MOUNTED ON ALLTERRAIN CART
- LINE, BATTERY, OR VEHICLE OPERATION



EXECUTIVE MODEL

PURPOSE:

The **RAD-ID-W** has 12 times greater area and 12 times greater sensitivity than the popular 2" x 2" NaI(Tl) portable Gamma Spec units. This allows detection of items that are not detectable or not resolvable by smaller devices.

Shipping Container with an unlikely MANIFEST or suspicious origin: Does it contain a shielded cache of Cesium, Uranium, Sr90 for a Dirty Bomb or Plutonium, or suitcase Nuke.

A Coast Guard cutter is cruising the harbor, stops to look at a suspicious boat, but does not have time to board and search. The **RAD-ID-W** saves time. In most cases, it can eliminate the need to conduct lengthy inspections and searches to find the presence of radioactivity.

An inspector doing his/her job approaches a vehicle, a shipping container, a package, a shed, which might contain radioactive material. Because of **RAD-ID-W** high sensitivity an external scan is usually sufficient.



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**Rollable RAD-ID-W
front view**



Rollable Suitcase RAD-ID-W

Now if the inspector does not have the **RAD- ID-W** he/she must:

1. Must file and get authorization to enter and search the area or container.
2. Find the owner to gain access or break the locks.
3. Get one or more co-workers to help as a witness, or for security, and for technical expertise.
4. Use radiation detector to do a detailed search of contents of building, container, vehicle, etc...

Highly Sensitive optional Neutron Detector gives warning and confirmation that fissionable materials are present.



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| | Detector Unshielded: | Detector with Optional Shields Collimator: | PRS•5 Analyzer Readout: | Optional Cart: |
|----------------|--|---|--------------------------------|-----------------------|
| Size: | 7.5" dia. x 12" long (Gamma) 2.5" dia. x 12" long (Neutron) | 8" dia x 15" long | 4" x 5" x 10" | 36" H x 15" W x 17"D |
| Weight: | 15 lbs. Gamma + 5 lbs. Neutron | 20 lbs. (Optional) | 6 lbs. | 8 lbs. |

Optional: Shielding and collimator allows improved directional measurements and measurements at a distance. Even without collimator, **RAD-ID-W** gives higher count rate when it is pointed at the target.

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