



Roller Case
RAD-D-W



PRS-7 ELECTRONICS

Inspector's Gamma Radiation Scanner

Model: Rad-D-W

Features

- Detects "At A Distance", "Sees-Thru" Obstacles
- Excellent Search Tool
- Large 7" Dia. Nai(Tl) Crystal For Gammas
- **Optional:** Neutron Detector **RAD-D-W-N**
- **Optional:** Shield And Collimator **RAD-D-W-GC**
- Fast, Accurate Response
- Mounting Options: Hand Carried Suitcase, Backpack, Roller Case, All-Terrain Cart
- **Optional:** External Alarm Beacon
- Power Options: Ac, Battery, Vehicle Operation

PRS-7 Electronics:

- Single Channel Analyzer
- Digital; Portable; Splash Proof
- Versatile AC and Rechargeable Battery
- Three Presettable Window Positions
- Switch Selectable; Six Decades
- Computer Interface

Description

The **RAD-D-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.

Scenario

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 a 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-D-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-D-W's** high sensitivity an external scan is usually sufficient.



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