

INSPECTOR'S RADIATION SCANNER

Model # RAD-ID-W

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 ALL-TERRAIN 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**'s high sensitivity an external scan is usually sufficient.



ROLLABLE MODEL



Mock-up of a hypothetical "suitcase" nuclear bomb, made by Congressional staffer Peter Pry. It is basically a 105 mm artillery shell device packaged in a large briefcase.

RAD-ID-W IN USE

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

- Must file and get authorization to enter and search the area or container.
- Find the owner to gain access or break the locks.
- Get one or more co-workers to help as a witness, or for security, and for technical expertise.

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.

	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.

TA TECHNICAL ASSOCIATES

7051 ETON AVENUE, CANOGA PARK, CA 91303
 TELEPHONE (818) 883-7043 • FAX (818) 883-6103
 e-mail: tagold@nwc.net • www.tech-associates.com