

# BETA GAMMA FLOOR MONITOR

Model ~ BFM-1

## FEATURES:

- BETA, GAMMA
- 3 GM DETECTORS
- 24" WIDE COVERAGE
- FAST
- SENSITIVE
- RUGGED
- ALARM: AUDIO / VISUAL
- EASY DECONTAMINATION
- HEAVY DUTY CASTER WHEELS
- SEPARATE PROBE FOR CHECKING PERSONNEL
- POSITIONAL LEAD SHIELD TO 45°



## APPLICATION:

Floor monitor with 1" lead shield that can be rotated 45° to provide detection of base boards.

## DESCRIPTION:

- Three thin window GM detectors to form an over-lapping uninterrupted coverage twenty-four inches wide.
- A full inch of lead shielding in all directions but down minimizes any effects of changing general background.
- The lead shield may be rotated forty-five degrees to allow the detectors to "see" baseboards.
- The heavy-duty ball bearing casters have replaceable rubber tires should contamination be a problem.
- Built-in loudspeaker and 4-range meter contribute to speed and accuracy of system.
- A separate probe is included for checking personnel, etc.

## SPECIFICATIONS:

- Coverage:** 24" full with no dead spots - overlapping detectors.
- Detectors:** 30 mg/cm<sup>2</sup> wall detectors. See Betas from 0.2 MeV.
- Sensitivity:** Betas from 0.2 MeV. halogen quenched for infinite life.
- Shield:** 1" lead, all directions except down.  
Shield may be rotated 45° to see baseboards.
- Additional Probe:** Separate probe for individual spots, personnel, or surfaces other than floor.
- Wheels:** Ball bearing casters, replaceable tires, swivel rear caster.
- Alarm:** Speaker as well as meter readout for fast response.
- 4 Ranges:** 0-500; 5,000; 50,000; 500,000 cpm; (0 - 0.2, 2, 20, 200 mR/hr).
- Electronics:** PUG-7-D
- Power:** (2) 9 volt batteries for 150 to 300 hours.

## DIMENSIONS & WEIGHT:

- Size:** 35" wide, 24" coverage. Weighs 190 lbs. (86 kg).



**TECHNICAL ASSOCIATES**  
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