

FLOOR MONITORS ALPHA plus BETA-GAMMA

Model ~ ABFM-5 Pancake Array GM Model

Model ~ ABFM-6 Scintillator

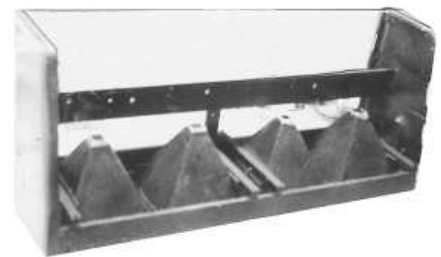
Model ~ ABFM-7 Gas Flow

FEATURES:

- SEPARATES ALPHA FROM BETA-GAMMA IN **ABFM-6 AND ABFM-7**
- LARGE FACE 144 square inches (925 cm) on ABFM6 and ABFM7
- SCINTILLATION, GAS FLOW, or GM DETECTOR
- FAST AND SENSITIVE
- ANALOG & DIGITAL READOUT
- OUTPUT FOR RECORDER
- RUGGED
- BUILT-IN SPEAKER
- CAN BE DECONTAMINATED



AFBM-SERIES FLOOR MONITORS



AFBM-SERIES FLOOR MONITORS
INTERIOR



TBM-3-D
ELECTRONICS

DESCRIPTION:

Alpha plus Beta Gamma Floor Monitors, Models **ABFM-5, 6, & 7** utilize Alpha-Beta-Gamma sensitive detectors coupled to **Model TBM-3-D** electronics.

- An electronic sorter accepts and displays Alpha counts only or Alphas plus Beta-Gamma, or Beta-Gamma only.
- Windows are protected by a frame and grid which is easily removed for decontamination.
- The very large face detectors achieve the fastest most sensitive floor monitoring system currently available.



TECHNICAL ASSOCIATES
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Divisions of  US NUCLEAR CORP

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Model ~ ABFM-7 Gas Flow

SPECIFICATIONS:

MODEL

- ABFM-5:** 12 large window, thin form GM detectors, 29 sq. inches coverage in 24 inch swath.
Window 1.5-2 mg/cm.
Sees Alpha plus all common Betas except H-3.
Adjustable height above floor.
The **ABFM-5** sees **all Alpha, Beta and Gamma together**. It does not sort.
- ABFM-6:** 4 PM tubes collect information from 144 sq. inches of plastic phosphor protected by thin light-tight easily replaceable window plus grille.
Window is less than 1 mg/cm.
Sees Alphas plus all common Betas except H-3.
Switch selectable: **Alpha only** or **Beta-Gamma only** or **all**.
Digital and analog readout.
Adjustable height above floor.
Output for recorder.
- ABFM-7:** 144 sq. inches thin window gas flow dual detector.
Window is less than 1 mg/cm .
Sees Alphas and all common Betas except H-3.
Sees X-rays (eg H bremsstrahlung) and Gammas down to 5 KeV but with less efficiency.
Switch selectable for **Alpha** or **Beta-Gamma** or **all**.
Pulse height analyzer.
Analog plus digital response.
Adjustable height above floor.
Output for recorder.
Includes gas supply (P-10).



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