

# FLOOR MONITORS ALPHA plus BETA-GAMMA

地面监测仪  $\alpha + \beta / \gamma$

Model ~ ABFM-5 Pancake Array GM Model

ABFM-5 扁平 GM 计数管

Model ~ ABFM-6 Scintillator

ABFM-6 闪烁体

Model ~ ABFM-7 Gas Flow

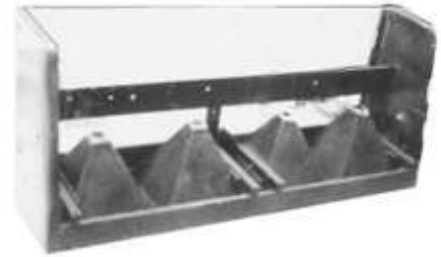
ABFM-7 流气式

## FEATURES:特点

- SEPARATES ALPHA FROM BETA-GAMMA IN ABFM-6 AND ABFM-7
- 型号 ABFM-6 和 ABFM-7 分离  $\alpha$  和  $\beta - \gamma$
- LARGE FACE 144 square inches (925 cm ) on ABFM6 and ABFM7
- 大面积 144 平方 (925cm)
- SCINTILLATION, GAS FLOW, or GM DETECTOR
- 闪烁探头, 流气式, GM 计数管
- FAST AND SENSITIVE
- 快速, 灵敏
- ANALOG & DIGITAL READOUT
- 模拟&数字读数
- OUTPUT FOR RECORDER
- 输出录入功能
- RUGGED
- 结实
- BUILT-IN SPEAKER
- 内置扬声器
- CAN BE DECONTAMINATED
- 可去污



AFBM-SERIES FLOOR MONITORS  
FABM 系列监测仪



AFBM-SERIES FLOOR MONITORS  
INTERIOR  
监测仪内部



TBM-3-D  
ELECTRONICS  
TMB 电子学



**TECHNICAL ASSOCIATES**  
**OVERHOFF TECHNOLOGY**

7051 Eton Ave., Canoga Park, CA 91303  
818-883-7043 (Phone) 818-883-6103 (Fax)

[tagold@nwc.net](mailto:tagold@nwc.net)

[WWW.TECH-ASSOCIATES.COM](http://WWW.TECH-ASSOCIATES.COM)

Divisions of



US NUCLEAR CORP

# FLOOR MONITORS ALPHA plus BETA-GAMMA

## 地面监测仪 $\alpha + \beta / \gamma$

Model ~ ABFM-5 Pancake Array GM Model

ABFM-5 扁平 GM 计数管

Model ~ ABFM-6 Scintillator

ABFM-6 闪烁体

Model ~ ABFM-7 Gas Flow

ABFM-7 流气式

### DESCRIPTION: 描述

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

$\alpha + \beta / \gamma$  地板监测仪，型号 ABFM-5, 6, & 7 使用  $\alpha + \beta / \gamma$  灵敏探头，结合 TBM-3-D 电子学

- An electronic sorter accepts and displays Alpha counts only or Alphas plus Beta-Gamma, or Beta-Gamma only.
- 电子学分拣功能选择只接受和显示  $\alpha$  计数，或接受  $\alpha + \beta / \gamma$
- Windows are protected by a frame and grid which is easily removed for decontamination.
- 探测窗带格栅保护，易拆卸去污
- The very large face detectors achieve the fastest most sensitive floor monitoring system currently available.
- 大探测面积探测器是系统中检测最快最灵敏的监测器。

### SPECIFICATIONS: 规格

#### MODEL 型号

**ABFM-5:** 12 large window, thin form GM detectors, 29 sq. inches coverage in 24 inch swath.  
Window 1.5-2 mg/cm.

12 个大薄窗 GM 探头，29 平方英寸探测面积一次涵盖 24 英寸。

Sees Alpha plus all common Betas except H-3.

可见  $\alpha$  + 所有常见  $\beta$ ，氚除外

Adjustable height above floor.

可调节高度

The **ABFM-5** sees **all Alpha, Beta and Gamma together**. It does not sort.

ABFM-5 可见所有  $\alpha$ ， $\beta$  和  $\gamma$ ，无区分。

**ABFM-6:** 4 PM tubes collect information from 144 sq. inches of plastic phosphor protected by thin light-tight easily replaceable window plus grille.

4 个 PM 管从 144 平方英寸的塑料磷光体收集信息，探头带薄密光可替换窗和格栅。



**TECHNICAL ASSOCIATES**

Divisions of



US NUCLEAR CORP

**OVERHOFF TECHNOLOGY**

7051 Eton Ave., Canoga Park, CA 91303

818-883-7043 (Phone) 818-883-6103 (Fax)

[tagold@nwc.net](mailto:tagold@nwc.net)

[WWW.TECH-ASSOCIATES.COM](http://WWW.TECH-ASSOCIATES.COM)

# FLOOR MONITORS ALPHA plus BETA-GAMMA

## 地面监测仪 $\alpha + \beta / \gamma$

**Model ~ ABFM-5 Pancake Array GM Model**

**ABFM-5 扁平 GM 计数管**

**Model ~ ABFM-6 Scintillator**

**ABFM-6 闪烁体**

**Model ~ ABFM-7 Gas Flow**

**ABFM-7 流气式**

Window is less than 1 mg/cm.

窗厚度小于 1 mg/cm

Sees Alphas plus all common Betas except H-3.

可见除了 H3 外的全部  $\beta$

Switch selectable: **Alpha only** or **Beta-Gamma only** or **all**.

开关选择:  $\alpha$  或  $\beta / \gamma$ , 或全部

Digital and analog readout.

数字和模拟读数

Adjustable height above floor.

可调整高度

Output for recorder.

输出录入功能

### **ABFM-7:**

144 sq. inches thin window gas flow dual detector.

144 平方英寸薄窗流气式双探头

Window is less than 1 mg/cm .

窗小于 1 mg/cm

Sees Alphas and all common Betas except H-3.

可见  $\alpha$  和除 H3 以外所有常见  $\beta$

Sees X-rays (eg H bremsstrahlung) and Gammas down to 5 KeV but with less efficiency.

可见 5KeV X-rays 和  $\gamma$  但效率低

Switch selectable for **Alpha** or **Beta-Gamma** or **all**.

可选择  $\alpha$  或  $\beta / \gamma$  或全部

Pulse height analyzer.

脉冲高度分析仪

Analog plus digital response.

模拟+数字响应

Adjustable height above floor.

5KeV X-rays 和  $\gamma$  但效率低

Output for recorder.

输出录入功能

Includes gas supply (P-10).

包括气体供应 (P-10)



**TECHNICAL ASSOCIATES**

Divisions of



US NUCLEAR CORP

**OVERHOFF TECHNOLOGY**

7051 Eton Ave., Canoga Park, CA 91303

818-883-7043 (Phone) 818-883-6103 (Fax)

[tagold@nwc.net](mailto:tagold@nwc.net)

[WWW.TECH-ASSOCIATES.COM](http://WWW.TECH-ASSOCIATES.COM)