



Hand, Shoe, and Clothing GM Monitor

HSM-10 Series

Model: HSM-10A and HSM-10B

Application

Models **HSM-10A**, and **HSM-10B** Hand and Shoe Monitors are health physics instruments.

Designed to provide completely automatic detection and measurement of Beta-Gamma (**HSM-10A**) (plus Alpha in case of **HSM-10B**) contamination on the palm and back of each hand, the bottom surfaces of both shoes, and also the hair and clothing.

Extremely simple operation allows the individual worker to perform this check without direct supervision of the health physicist.

Description

The **HSM-10 Series** monitors feature large full color LCD display screen that enable the user to tell - in one look – contamination and location, hand or feet.

Numerical read-outs are provided, showing the separate counts on each hand and the separate count for each shoe.

An outstanding feature of the instrument is the low warning levels, permitting alarm settings as low as the background count.

A separate rate meter circuit is provided for the EXTERNAL CLOTHING PROBE, including a speaker for audible check and a meter for visual check.

All the detecting elements and sections exposed to contamination are designed for easy decontamination. A roll of kraft paper is mounted in the base for use over the shoe deck preventing contaminated material from dropping into the detector chambers.

In the **HSM-10B** quarter mil Mylar can be substituted for the kraft paper to allow detection of Alphas.

Features

- Detects Beta, Low Energy Beta, Gamma, Alpha
- (5) Separate Read Outs
- Full Dynamic Background Subtract
- Color Monitor Read-Out
- Alarm Settings as Low as Background
- Audio / Visual Alarms
- Incomplete Check Warning
- External Clothing Probe With Separate Circuit, Meter, and Speaker
- Solid State Modular Electronics
- Built-In Computer
- Data Archive and Retrieval
- USB / Ethernet Ports
- **IP41**



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