



Alpha and Beta/Gamma Gas Proportional Hand and Shoe Monitor

Model: HSM-10G

Features

- Detects Alpha and Beta/Gamma Separately and Simultaneously
- (6) Gas Flow Proportional Detectors
- Full Dynamic Background Subtract
- Color Monitor Read-Out
- Individual Alpha and Beta/Gamma Alarms
- Alarm Settings as Low as Background
- Positive Warning of Incomplete Check
- External GM Clothing Probe with Separate Circuit, Meter and Speaker
- Shielded Easy Decontamination of Gas Flow Detectors
- Modular Electronics
- Built-In Computer
- Data Archive and Retrieval
- USB / Ethernet Ports
- **IP41**
- The HSM-10G monitors both Alpha and Beta/Gamma in each of three channels.
- Left foot, Right foot, and Hands (* see specs for other options).
- Each channel has separate alarm level set switches for Alpha and for Beta/Gamma radiation.
- Background is monitored continuously while the system is unoccupied.
- Background subtraction uses the most recent Beta/Gamma background count.
- Time for the monitoring count is preset on a versatile digital timer with choices from 1 to 99 seconds in one second intervals.
- This preset time is also the background update time.
- The Beta/Gamma alarm switch for each channel sets the count above background needed within the preset time period to excite an alarm.
- Alpha background is low (typically $\ll 10$ cpm) and may be neglected or counted by the HSM-10G and added to give best



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