

RADIATION CONTROL MONITOR

EXIT/DOORWAY MONITOR

PACKAGE/MAIL MONITOR

VEHICLE MONITOR

LAUNDRY MONITOR

Model # LAM-10/PGS-3L

FEATURES:

- STOP ENTRY OF RADIOACTIVE ITEMS
- DETECTS BETA-GAMMA RAYS
- HIGHLY SENSITIVE 2" X 2" CRYSTAL (PGS-3L)
- ALARMS WITH DETECTION OF RADIATION
- RELAY CONTROL CAN LOCK DOORS, TRIGGER A SIREN OR AUTODIALER

Serves Many Needs: To maintain control of Radioactive Materials it is absolutely essential to control and to know **when** and **where** radioactivity is entering or leaving the area where it is used. Model **LAM-10/PGS-3** and **LAM-10/PGS-3L** are high sensitivity monitors which are easily placed at entrance and exits and other strategic locations to act as:



LAM-10/PGS-3L

FUNCTION	DETECTS	PLACEMENT
1. EXIT/DOORWAY MONITOR	Alarms when radioactivity is carried through an exit or doorway.	Mount to top or side of door frame or mount to wall.
2. PACKAGE/MAIL MONITOR	When properly installed, checks all mail and packages.	Mount to sorting table, mail conveyor, or door frame where mail baskets enter.
3. VEHICLE MONITOR	Alarms when vehicle carrying radioactivity stops at guard house.	Mount on posts on either side of facility entrance road. Requires weather-proof probe housing + long cables.
4. LAUNDRY MONITOR	Detects contaminated garments.	Mount above sorting table or optional conveyor belt
5. RADIATION RELEASE MONITOR for FUME HOODS	Alarms when radioactivity is released into fume hood exhaust.	Mount inside or on top of fume hood filter enclosure.

Sensitivity:

LAM-10/PGS-3L: Detects 20 $\mu\text{R/hr}$ (0.2 $\mu\text{Sv/h}$) above background in 2 sec: 99% confidence level.

LAM-10/PGS-3: Detects 80 $\mu\text{R/hr}$ (0.8 $\mu\text{Sv/h}$) above background in 3 sec: 99% confidence level.

Increased sensitivity can be provided by optional SC-10-3 or SC-10-3L Shield-Collimators.

Options:

SC-10-3 or SC-10-3L Shield-Collimator for PGS-3 or PGS-3L probe.
 WPPH-3 or WPPH-3L Weather Proof Probe Housing
 CA-xxx Longer cables.
 CB-LIM Conveyor belt for Laundry monitoring.



TECHNICAL ASSOCIATES

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