

# RADIATION CONTROL 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
- 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**

<b>FUNCTION</b>	<b>DETECTS</b>	<b>PLACEMENT</b>
<b>1. EXIT MONITOR</b>	Alarms when radioactivity is carried out of the building.	Mount to top or side of door frame or mount to wall.
<b>2. PACKAGE MAIL</b>	Alarms when radioactivity is in mail or packages	Mount to sorting table or mail conveyor. Mount to door frame where mail enters.
<b>3. VEHICLE MONITOR</b>	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.
<b>4. RADIATION RELEASE MONITOR for FUME HOODS.</b>	Alarms when radioactivity is released into fume hood exhaust.	Mount inside or on top of fume hood filter enclosure.
<b>5. LAUNDRY MONITOR</b>	Detects contaminated garments.	Mount above sorting table or optional conveyor belt

### Sensitivity:

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

**LAM-10/PGS-3:** Detects 80 microR/hr (0.8 $\mu$ 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.

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