

Personnel, Vehicle, Waste/Trash Portal Monitor Portable or Fixed

Model Series: PPVM Series

PPVM-TA, PPVM-TA-P, PPVM-TA-1, PPVM-TA-3, PPVM-TA-5ES

Application: Portable PPVM-TA

Use for pedestrian walkways indoors and outdoors, trash and waste sites, and scrap metal facilities and vehicle traffic points of entry. Anywhere radioactive material may be present.



Description:

The **PPVM-TA Series** are re-positional monitors with two towers. Detectors contain highly sensitive scintillation sheets and are portable as stand-alone or installed on each side of hallway or doorway AT ANY WIDTH and may be remounted in alternate locations. The **PPVM-TA Series** system is a high sensitivity Gamma Monitoring system with **Optional** detection for Beta and /or Neutron, plus hand-held Alpha Beta clothing "frisker".

Use for determining possible radiation contamination on people, in containers, or vehicles in a stop and count or on a non-pause basis. Greater sensitivity is achieved for people or vehicles with a stop and count approach although it takes a little longer.

Since the operation of this instrument is based on rate of change in radiation, it will reliably pick up contamination as it passes through or near the monitor.

Background is continually updated and subtracted thus giving net reading for person or vehicle. Has audio and visual alarms, alarming beacon, and video capture.

- **PPVM-TA** and **PPVM-TA-P** each have (2) towers, one on the left of the portal, one on the right. In this model each tower contains one detector. The user can position each tower as appropriate.

Additional Models: have two towers and one overhead detector:

- **PPVM-TA-3** with (3) detectors per tower
- **PPVM-TA-5ES** with (5) detectors in each tower for Enhanced Sensitivity and higher security level.

Note: Scintillation Sheets are highly sensitive compared to cylindrical crystals due to the wider surface area.

Rate of change electronics with audio and visual alarms. Operates on built-in rechargeable batteries or 110/220 AC.

PPVM-TA Series are designed for rugged outdoor use as well as indoors.

This system can be set-up at the roadside or in a parking lot, mounted to a fence post or stand alone in an indoor or outdoor area.

Background is continually updated and subtracted thus giving net reading for person or vehicle.



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