

PACKAGE TRANSIT AND EXIT MONITOR

Model # WA-2X2
Model # WA-2X2X2

FEATURES:

- CAN ALARM AT 7 μ R/HR RISE WITHIN 1 SECOND
- WEATHER RESISTANT CASE, ALL OPENINGS COMPLETELY GASKETED
- HIGH SENSITIVITY DETECTOR: 2X2 SCINTILLATOR
- FAST RATE OF CHANGE DESIGN
- CONTINUOUS OPERATION: "SET AND FORGET"
- **WA-2X2X2** COMES WITH 2 DETECTORS FOR DOORWAY OR GATEWAY MONITORING

DESCRIPTION: Wall-mounted instrument containing 2" Diameter x 2" Nal (BGO optional) scintillation detector, rate of change electronics with audio and visual alarm. 110 volt, 60 Hz (optional 220V/50Hz) operation for rugged use outdoors in semi-protected area as well as indoors. The Model # **WA-2X2** is a high sensitivity Gamma Monitoring System for determining possible radiation contamination in containers or vehicles on a non-pause basis. This system is designed to be mounted in a corridor, on a loading dock or at a passage area.



Figure 1: WA-2x2

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

SPECIFICATIONS:

Detector:	2" D x 2" Nal(Tl) scintillator* (WA-2x2x2 is furnished with 2 detectors and with 20 foot cables.)
Range:	.001 mR/hr to 1 mR/hr.
Power Requirements:	115 V, 60 Hz*
Power Cable:	6 ft. cable furnished; insulated to 600V. Three prong grounded connector (conduit operation optional).
High Level Alarm:	Flashing red light and intermittent 2900 Hz tone.
Alarm Set:	Internal set from .007 mR Rise per second to 1 mR Rise per second.
Alarm Reset:	Momentary button, or auto.
Alarm Latch:	Internal switch can be set by user for latched or unlatched operation.
Battery Back-Up:	7-day separate battery pack (optional).*
Case:	Weather-tight and vapor-tight steel, enameled.
Dimension:	7" D x 14" W x 18" H plus 3" light dome (plus optional external probe 2-1/2" diameter x 12" long)*
Shipping Weight:	25 lbs.

TA **TECHNICAL ASSOCIATES**
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\$Revision: 1.3 \$

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OPTIONAL ACCESSORIES

Check Source: Cs-4, uranium source; license exempt.
Relay: 5A SPDT to operate other circuits (3 total).
Remote Alarm: RAL-3W flasher-beeper, or ALS-3W remote meter plus alarm.
***Options:** External Detector
BGO 2"x2" Crystal
220 V, 50 Hz
7-day Battery Back-up

WA-2x2x2 Includes 2 Detectors in NEMA 4 cases for monitoring on either side of a roadway or passageway.

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