

AREA MONITOR

Self-Contained Wall-Mounted or Portable
Model # WA-2A, WA-2AI, WA-2AP

FEATURES:

- SELF-CONTAINED
- RESPONDS TO GAMMA OR X-RAYS
- VAPOR-TIGHT HOUSING
- INTERMITTENT ALARM, LIGHT AND TONE
- LOG RESPONSE
- DOOR INTERLOCK CAPABILITY
- LATCHING OR SELF-RESETTING ALARM
- NON-CONTACTING SOLID STATE SETTABLE ALARM
- ENERGY INDEPENDENT (WA-2AI & WA-2AP)
- BATTERY BACK-UP (OPTIONAL)

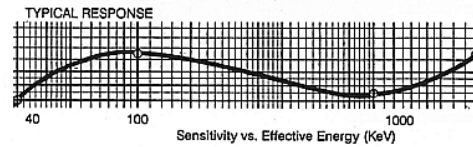


Figure 1: Portable WA-2AP, Wall Mounted WA-2A, WA-2AI

DESCRIPTION: Area Monitors of the WA-2A (four decade) family are self-contained in a vaportight wall mountable housing. WA-2AI has external energy compensated detector. WA-2AP has sturdy handle and rubber feet for easy portability. All controls are internal to prevent tampering, leaving a simple exterior with red alarm light, level indicating meter and “normal” operation light. The case allows checking of complete system with a low level radiation source without opening the monitor case.

APPLICATION: WA-2A series Area Monitors serve as gamma or x-ray alarms in power plants, hospitals and industrial locations and other areas where ruggedness, “vaportight” construction and long unattended use are required.

SPECIFICATIONS:

- Range:** Four decade 0.1-1000 mR/hr other ranges and detectors available as options from .01 mR/hr to 100 R/hr.
- Energy Response:** ±15%, 80 KeV to 1.3 MeV, ±18% 40 KeV to 1.3 MeV.
- Power Cable:** 6 ft. cable furnished; insulated to 600V. Three prong grounded connector (conduit operation optional).



TECHNICAL ASSOCIATES

7051 ETON AVENUE * CANOGA PARK, CA 91303 TELEPHONE (818) 883-7043 * FAX(818) 883-6103

\$Revision: 1.1 \$

AREA MONITOR
Self-Contained Wall-Mounted or Portable
Model # WA-2A, WA-2AI, WA-2AP

READOUTS

Meter:	3-1/2" vaportight rugged D'Arsonval movement.
High Level Alarm:	Flashing red light & intermittent 2900 Hz tone
Alarm Set:	Internal set - visible on meter while being set
Alarm Latch:	Internal switch or jumper can be set by user for latched or unlatched operation
Battery Back-Up:	20 minutes lifetime standard. 7 day separate battery pack (optional).
Case:	Weathertight and vaportight, steel, enameled
Dimension:	5-1/2" D x 9" W x 16" H - WA-2A 5-1/2" D x 10" W x 20" H - WA-2AI, WA-2AP
Weight:	12-1/2 lbs. WA-2A (15 lbs. WA-2AP, WA-2AI)
Shipping Weight:	25 lbs.
Detector:	GM Model T-1216 (non-saturating operation). Mounted internally in WA-2A Mounted externally and energy compensated in WA-2AI & WA-2AP Specify "close coupled" or 20 ft cable.

ACCESSORIES

Check Source:	Cs-137, 10 μ Ci, license exempt.
Relay:	5A SPDT to operate other circuits (3 total).
Remote Alarm:	RAL-3W: flasher-beeper, or ALS-3W: remote meter plus alarm.



TECHNICAL ASSOCIATES

7051 ETON AVENUE * CANOGA PARK, CA 91303 TELEPHONE (818) 883-7043 * FAX(818) 883-6103

\$Revision: 1.1 \$