



Features:

- Detects X-Ray and Gamma Radiation
- Alarm Setting Range:
1 mR/h to 100 R/h
0.01 mSv/h to 1,000 mSv/h
- Accuracy:
within $\pm 20\%$ referred to Cs-137
from 0.2 mR/h to 100 R/hr
- Energy Response:
 $\pm 30\%$ 80 keV to 1.22 MeV
- 90% of final reading within 7 seconds

The 3090-3 Area Alarm Monitor measures radiation field intensities of X-ray and gamma radiation in the area surrounding the monitor or the optional waterproof probe. The output is displayed on a wide angle panel meter. The instrument measures x-ray and gamma radiation levels from 1 mR/h to 100 R/h with an internal energy compensated GM Detector or optional external detector.

Versions

3090-3 Area Monitor -- 1 MR/HR - 100 R/HR

3090-3 SV Area Monitor -- 0.01 to 1000 mSv/h

Detector Type

Energy-Compensated, Halogen-Quenched GM Tube
(Internal & External)

Optional External Detector

Available in variety of cable lengths up to 300ft
(when external probe is connected the internal detector is disabled)

Probe Part

3093A (fixed) or 3093B
(Quick-Attach Probe end)

Speaker

Sonalert >80 dba @ 2ft on Front Panel

Visual Indicators

Power On, LED on Front Panel, Red Alarm Light on top of instrument

Accumulated Dose

GM Tube Life is approximately 2,000 Rads

Power: AC Power/ DC Power

Operates from AC Power and/or optional backup battery pack. Nominal 4 watts, fused at 1/8 amp. 115 VAC $\pm 15\%$, 60 Hz or 230 VAC $\pm 15\%$, 50 Hz + and - 9 volts connected to appropriate pins of auxiliary connector

