

## Model 3096-3 DCA

DCA Area Alarm Monitors



MADE IN  
  
U. S. A.

### Features:

- Detects X-Ray and Gamma Radiation
- Alarm Setting Range:  
1 mR/h to 200 R/h  
0.01 mSv/h to 2R/h
- Accuracy Within:  
within  $\pm 20\%$  referred to Cs-137  
from 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 **3096-3 Area Alarm Monitor** is the low range version of the Model 3090-3 Area Alarm Monitor. It covers the range from 0.1 mR/hr to 2R/hr.

#### Versions

**3096-3 Area Monitor** -- 1 mR/h to 2 R/h

**3096-3 SV Area Monitor** -- 0.01 mSv/h to 20 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 #

3094A (fixed )or 3094B

(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 10 K 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

