

# 05-437

## PRIMALERT® 35 Area Radiation Monitor

### Technical Data



The PRIMALERT 35 Area Radiation Monitor contains an energy-compensated GM detector and has six range indicators (1, 2, 4, 8, 16, and 32 mR/hr) that can clearly display an increase or decrease in radiation levels. The visible and audible alarms can be set at any of the six levels by a front-panel, screwdriver-adjustable control. When each preset radiation level is exceeded, personnel are alerted by bright flashing red lights (visible over a 180° field) and a loud intermittent audio signal. The alarms stop automatically when the radiation level falls below each of the preset values. This permits instant radiation-level recognition not readily distinguishable on meter-type instruments.

Fail-safe operation is assured by a light which continuously indicates background radiation and provides visual proof that the unit is functioning. The monitor will not jam or show false readings in high radiation fields. A mounting bracket and a 110 V ac adapter/power converter are also included.

### Key features

- Provides continuous visual indication of radiation levels and produces audible and/or visual alarms at any of six programmable radiation levels
- Assures reliable, continuous monitoring wherever radioactive materials are present
- Displays the radiation level in bright color-coded lights
- Optional Primalarm Remote Alarm, which functions up to 100 feet from monitor

## Specifications

<b>Power requirements</b>	105 V to 125 V/60 Hz/8 W
<b>Dimensions (WxHxT)</b>	9 cm x 15 cm x 4 cm (3.5 in x 6 in x 1.5 in)
<b>Weight</b>	0.9 kg (2 lb)

## Ordering information

### Model numbers/descriptions

**05-437** Primalert 35 Area Radiation Monitor

### Standard accessories

**AC adapters**, specify with order

**14-314** 110 V ac 12 V dc 500 mA (USA, Japan)

**14-400** 230 V ac 12 V dc 500 mA (Europe)

**14-436** 230 V ac 12 V dc 580 mA (Australia)

### Optional accessories

**62-103** Check Source, <sup>137</sup>Cs, 10 µCi. Flat disc, 1 in diameter

### About Fluke Biomedical

Fluke Biomedical is the world's leading manufacturer of quality biomedical test and simulation products. In addition, Fluke Biomedical provides the latest medical imaging and oncology quality-assurance solutions for regulatory compliance. Highly credentialed and equipped with a NVLAP Lab Code 200566-6 accredited laboratory, Fluke Biomedical also offers the best in quality and customer service for all your equipment calibration needs.

Today, biomedical personnel must meet the increasing regulatory pressures, higher quality standards, and rapid technological growth, while performing their work faster and more efficiently than ever. Fluke Biomedical provides a diverse range of software and hardware tools to meet today's challenges.

### Fluke Biomedical Regulatory Commitment

As a medical test device manufacturer, we recognize and follow certain quality standards and certifications when developing our products. We are ISO 9001 certified and our products are:

- NIST Traceable and Calibrated
- UL, CSA, ETL Certified, where required
- NRC Compliant, where required

### Fluke Biomedical.

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