

05-433 Primalert 10 Teletherapy Radiation Monitor



Introduction

The 05-433 PRIMALERT® 10 Teletherapy Radiation Monitor is a compact monitor that responds to scatter radiation and can be mounted anywhere in the teletherapy room. A pair of bright red lamps on the instrument face flash a warning when the source is exposed, and will continue to flash, until safe conditions are re-established. The flashing green Operation Indicator light continuously monitors the background radiation and provides visible indication that the instrument is functioning. PRIMALERT® 10 comes with a self-stick wall-mounting bracket and an AC adaptor/power converter.

Key Features

- ◆ Flashing lights indicate source is exposed
- ◆ Line-operated
- ◆ Optimized for use with Primapak II Backup Battery Pack

Complementary Products

Fluke Biomedical also offers the 05-434 PRIMALARM™ Remote Alarm and the 05-441 PRIMAPAK™ II Backup Battery Pack.

CE Tested. Meets applicable standards

Model 05-433 Specifications

| | |
|---------------------------|--|
| Detector | Energy-compensated GM tube |
| Accuracy | ± 20% from 60 keV to 2 MeV |
| Alarm trip level | Switch-selectable at 2.5 or 20 mR/hr |
| Alarm | Two flashing red lamps with a 180° field of view. Alarm ceases when radiation falls below trip level |
| Power requirements | Line-operated with UL-listed converter (105 to 125 VAC, 60 Hz to 12 VDC). Also can be powered by Primapak II |
| Dimensions | 6 (h) x 3.5 (w) x 1.5 in (t) (15.24 x 8.89 x 3.81 cm) |
| Weight | 2 lb (0.91 kg) |

Model 05-434 Specifications

| | |
|---------------------------|---|
| Alarm trip level | Controlled by Primaalert 10 |
| Alarms | Two flashing red lamps with a 180° field of view. The aural alarm is switch-selectable |
| Power requirements | Line-operated with UL-listed converter. Also can be powered by Primapak II; 220 V with optional converter |
| Dimensions | 6 (h) x 3.5 (w) x 1.5 in (t) (15.24 x 8.89 x 3.81 cm)) |
| Weight | 1 lb (0.45 kg) |

Model 05-441 Specifications

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|-------------------|--|
| Dimensions | 6 (h) x 4.5 (w) x 2.75 in (t) (15.24 x 11.43 x 7 cm) |
| Weight | 4.5 lb (1.8 kg) |