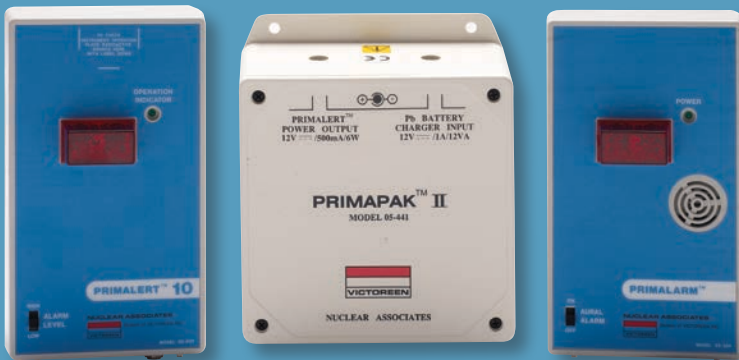
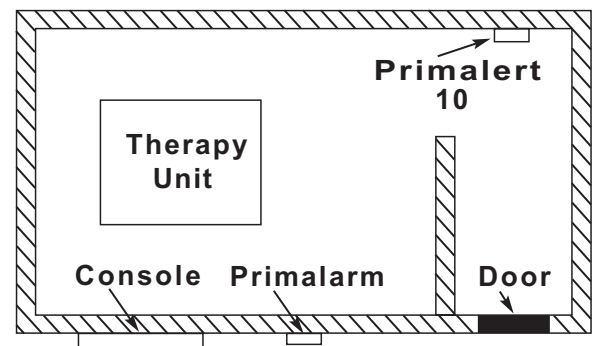


# 05-433 PRIMALERT® 10 Teletherapy Radiation Monitor

## Technical Data



The 05-433 PRIMALERT® 10 Teletherapy Radiation Monitor is a compact monitor that responds to scatter radiation and can be mounted anywhere in the treatment room. A pair of bright red lamps on the instrument face flash a warning when the source is exposed, and continues until safe conditions are re-established. The flashing green Operation Indicator light indicates continuous monitoring of 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

## Specifications

05-433 PRIMALERT® 10 Teletherapy Radiation Monitor	
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 V ac, 60 Hz to 12 V dc). Also can be powered by Primapak II
Dimensions (HxWxT)	15.24 cm x 8.89 cm x 3.81 cm (6 in x 3.5 in x 1.5 in)
Weight	0.91 kg (2 lb)
05-434 PRIMALARM™ Remote Alarm	
Alarm trip level	Controlled by PRIMALERT 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 (05-441). 220 V with optional converter
Dimensions (HxWxT)	15.24 cm x 8.89 cm x 3.81 cm (6 in x 3.5 in x 1.5 in)
Weight	0.45 kg (1 lb)
05-441 PRIMAPAK II Backup Battery Pack	
Dimensions (HxWxT)	15.24 cm x 11.43 cm x 7 cm (6 in x 4.5 in x 2.75 in)
Weight	1.8 kg (4.5 lb)

## Ordering information

### Model numbers/descriptions

05-433 PRIMALERT 10 Teletherapy Radiation Monitor

### Available ac adapters for 05-433 (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, 137Cs, 10 µCi. Flat Disc, 1 inch diameter

05-441 Primapak II Backup Battery Pack, 110 V

05-434 Primalarm Remote Alarm

### Available ac adapters for 05-441 (specify with order)

14-102 110 V ac, 12 V dc 500 mA, USA, Japan

14-103 230 V ac, 12 V dc 500 mA, Europe

14-104 230 V ac, 12 V dc 580 mA, UK

14-105 230 V ac, 12 V dc 580 mA, Australia

### Available ac adapters for 05-434 (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

### About Fluke Biomedical

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As a medical test device manufacturer, we recognize and follow certain quality standards and certifications when developing our products. We are ISO 9001 and ISO 13485 medical device certified and our products are:

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

### Fluke Biomedical.

*Better products. More choices. One company.*

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