



Features:

- Two alarm level settings
- Visual and audible alarm indication
- Audible alarm may be disabled

Specifications

Model 05-433 Radiation Monitor

Detector:	energy-compensated GM tube
Accuracy:	±20% from 60 keV to 2 MeV
Alarm trip level:	switch selectable at 2.5 and 20 mR/h
Alarm:	Two flashing red lamps with 180° field of view.
	Alarm ceases when radiation falls below the trip
	level.
Power:	115 VAC, 60 Hz UL-listed transformer
Dimensions:	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 lbs)

Model 05-434 Remote Alarm

Alarm Trip Level: controlled by Primalert™10	
Alarm indicators: two flashing red lamps; 180° field of view; audio	
alarm (switchable)	
Power: 115 VAC, 60 Hz UL-listed transformer	
Cable: 100 ft length cable (up to 1000 ft available)	
Dimensions: 15.24 cm x 8.89 cm x 3.81 cm (6 in x 3.5 in x 1.5 in)	
Veight: 0.45 kg (1 lbs)	

Model 05-441 Back-up Battery

Primalert[™]10 Radiation Therapy Area Monitor

Model 05-433 Radiation Monitor

The Primalert[™]10 is a compact monitor that responds to scattered 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 they continue to flash until safe conditions are reestablished. The flashing green operator indicator light continuously monitors the background radiation and provides a visible indication that the instrument is functioning. The monitor is supplied with a self-stick bracket for wall mounting.

Model 05-434 Remote Alarm

The Primalarm[™] is a slave unit that allows the Primalert[™]10 signal output to be duplicated up to 100 feet away. The Primalarm[™] also serves as an additional safeguard; it will flash if power to the Primalert[™] is lost or if the cable from the latter is disconnected. The Primalarm[™] is ideal for mounting outside the therapy room entrance.

Model 05-441 Back-up Battery

To satisfy NRC requirements, the Primalert[™]10 must be used with the PrimaPak[™]II. The unit consists of rechargeable gel cells and circuitry that switches any Primalert[™] to battery operation if line power is lost. When AC power is present, the battery is automatically recharged. Fully-charged cells provide about eight hours of operation under alarm conditions or more than 32 hours of quiescent, no-alarm operation. Includes a 115 VAC ULlisted wall-mount transformer and interconnect cable.



865 Easthagan Drive, Nashville, Tennessee 37217 USA phone 615 391 3076 800 635 2662 fax 615 885 0285 www.cnmcco.com

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