

This product is available through:

**JRT** Associates 800-221-0111



## FEATURES...

The RAM-R-200 is designed for measuring a wide range of alpha, beta and gamma radiation fields (with external smart detectors). The RAM-R-200 features 2 internal energy compensated GM tubes, with a measurment range of 10uR/hr to 100 R/hr (0.01mSv/hr to 1 Sv/hr).

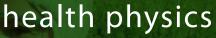
- includes embedded microprocessors, data logging and data communication for calibration
- automatic self-test of meter and external probes
- automatic detector identification with each change of the detector
- built-in RS232 communication with optional telemetry
- calibration software
- · backlight display
- · optional extended pole for hard to range places
- data logging: 1000 data records

## **RAM-R-200**

**GM Tube-Based Portable Smart Radiation Meter** 

The RAM-R 200 can be used as a portable or stand-alone radiation measurement monitor. An audible indication is activated either by frequency fluctuations in accordance with the field strength or chip for each measured pulse.

The RAM-R-200 utilizes a combination display consisting of a smooth digital readout for minimum fluctuations and a two-decade analog bar graph for fast viewing response.



A Mirion Technologies Division

Featuring:





TECHNICAL SPECIFICATION	ONS:
Radiological Characteristics	
	detector: energy compensated GM-tube (ZP-1201 and ZP-1313)
	• accuracy: +/- 10% of reading, within measuring range
	• energy range: 60 to 2000 keV
	• sensitivity: 17cps/mR/h (ZP1201), 1.4 cps/mR/h (ZP1313)
	<ul> <li>detector life time: 20R/h field for six months</li> </ul>
	• contamination: cpm or counts (e.g. cpm, Kcpm, Mcpm)
Electrical Characteristics	
	• power supply – 9 Volts (supplied by a 9 Volt battery located in the meter case)
	<ul> <li>battery life: approximately 100 hours of continuous use</li> </ul>
Mechanical Characteristics	
	• meter dimensions (w x h x l): 80 x 35 x 134 mm (3.2 x 1.4 x 5.3 in)
	• weight (including.cell): 460gr (1 lb)
	• casing: seawater resistant aluminum alloy, shock resistant
	• display:
	• DigiLog (3 digits and 2 decades of analog bar graph)
	• Four push-buttons: On/off, light, speaker, mode
Environmental Characteristics	
	• temperature
	• operation -30° to 60°C (-22 to 140° F)
	• storage -30° to 70°C (-22 to 158° F)
	• relative humidity: 10 to 95% RH (non-condensing)



This product is available through:

**JRT** Associates

5 Nepperhan Avenue, Suite 2B Elmsford, NY 10523 800-221-0111