



MIRION
TECHNOLOGIES

This product is available through:

JRT Associates 800-221-0111



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 chirp 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.

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 measurement 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



health physics

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Featuring:



TECHNICAL SPECIFICATIONS:	
Radiological Characteristics	<ul style="list-style-type: none"> • 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) • detector life time: 20R/h field for six months • contamination: cpm or counts (e.g. cpm, Kcpm, Mcpm)
Electrical Characteristics	<ul style="list-style-type: none"> • power supply – 9 Volts (supplied by a 9 Volt battery located in the meter case) • battery life: approximately 100 hours of continuous use
Mechanical Characteristics	<ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • DigiLog (3 digits and 2 decades of analog bar graph) • Four push-buttons: On/off, light, speaker, mode
Environmental Characteristics	<ul style="list-style-type: none"> • temperature <ul style="list-style-type: none"> • 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)



TeleScoping Pole
for the RAM-R-200



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