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Your Alternative
To The Obvious

RAM GENE-1 mark II

ROBUST HAND HELD CONTAMINATION AND RADIATION MONITOR WITH BACKING LIGHT

Designed for work in extreme conditions features a ruggedized casing and backlight and contains a specially designed energy filter embedded in the cap for dose rate radiation monitoring according to Ambient Dose Equivalent, with the additional flexibility of a contamination meter.

The RAM GENE-1 mark II is equipped with a recessed internal GM pancake detector using a thin mica window protected by a stainless steel screen.

The transition between measuring dose rate radiation and contamination is achieved by simply removing or replacing the plastic cap.



FEATURES

- Large, four digit, continuous ranging, LCD display
- Simple, three key operation
- Large 1.75" pancake GM detector
- Suitable for alpha, beta or gamma contamination detection
- Unit readouts of count rate (CPS in contamination mode and (μ Sv/hr) in dose mode.
- Audible and visual (LED) count rate indication
- Smart software provides fast, yet stable response
- Dead time correction
- Alarms for overflow, low battery and detector failure
- Automatic self diagnostic routines
- Durable case with splash resistant keypad



RAM GENE 1 MK 1
SHOWN IN PELICAN CASE

Technical Data

Display:	Large, four digit, continuous ranging LCD readout for display of count rate, dose rate, overflow, low battery, and detector failure.
LED:	Flashing count rate indication with Audio Piezo electric element synchronized with count LED.
Units:	Counts per second (CPS) or counts per minute (CPM) and $\mu\text{Sv/hr}$ or mR/hr.
Controls:	Three key keypad with positive feedback for ON/OFF Key combinations for selecting count rate or dose rate unit displays.
Power:	Standard 9V alkaline battery - provides approximately 50 hours continuous use with speaker off. Automatic battery check under full load.
Detector:	1.75" Pancake GM tube - LND73118 or equivalent
Window :	Mica, 1.5 - 2.0 mg/cm ² protected by stainless steel mesh.
Count Range:	0 - 42,000 cps
Sensitivity:	Approximately 5.8 cps/ $\mu\text{Sv/hr}$ - 137Cs
Measuring Range:	0.05 $\mu\text{Sv/hr}$ to 7mSv/hr
Display Resolution:	0.01 $\mu\text{Sv/hr}$
Background:	0 - 1 cps
Temperature Range:	Operation: -10oC to +50oC Storage: -20oC to +60oC
Humidity Range:	40% to 95% RH (non condensing)
Case:	High impact ABS
Dimensions:	11cm x 6.7cm x 7.4cm
Weight:	0.565 Kg