ROTEM

RAM GENE-1 Meter

Combined dose-rate and contamination meter with pancake GM for one-handed use

RAM GENE-1 Mark II is a combined dose-rate and contamination meter for one-handed use, built for extreme conditions with a ruggedised casing and backlight. A recessed pancake GM detector with a thin mica window measures contamination with the cap off and dose rate with the plastic cap on. It can now also be powered from an external input, which also charges the batteries.



Detector	Measurement range	Count-rate range
.75-inch pancake GM tube (LND73118 or equivalent); mica window 1.5–2.0 mg/cm² behind a stainless-steel mesh [1]	**.05–7,000 µSv/h** [1]	**0–42,000 cps** [1]

Specifications

DETECTOR

Detector	1.75-inch pancake GM tube (LND73118 or equivalent); mica window 1.5–2.0 mg/cm² behind a stainless-steel mesh	[1]

MEASURING RANGE

Measurement range	0.05–7,000 µSv/h	[1]
Count-rate range	0–42,000 cps	[1]
Sensitivity	Approx. 5.8 cps per µSv/h (58 cps per mR/h), ^{137}Cs	[2]

CONNECTIVITY & INTERFACE

Display	Large four-digit LCD, continuous ranging	[1]

POWER & BATTERY

Power supply	ne 9 V alkaline battery; external power input that also charges rechargeable b atteries	[1]

MECHANICAL

Dimensions	11 × 6.7 × 7.4 cm	[1]
Weight	0.565 kg (1.25 lb)	[1]

ENVIRONMENT & RATINGS

perating temperature	−10 to +50 °C	[1]

GENERAL

Functions	Dose rate and surface contamination; switched by placing or removing the plastic cap	[2]

Sources

[1] RAM GENE-1 Mark II technical data sheet
Rotem Industries · datasheet · TDS, Technical Data · checked 2026-10-16
https://rotem-radiation.co.il/wp-content/uploads/2025/05/RAM-GENE-1-Mark-II-25112023.pdf

[2] RAM GENE-1 Meter
Rotem Industries · product-page · Product page – Product Specifications; Product page – Technical Information · checked 2026-10-16
https://rotem-radiation.co.il/solution/ram-gene-1-meter/

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.