ROTEM

RAM GAM-1 Meter

Compact GM gamma survey meter for one-handed use

Compact, lightweight, microprocessor-based gamma survey meter for single-handed operation, with an energy-compensated GM tube. It is intended for applications such as industrial gauging, borehole logging and radiography.



Detector
Energy-compensated GM tube (ZP1201 or equivalent) [1]

Weight
280 g (0.62 lb) [1]

Specifications

DETECTOR

Detector	Energy-compensated GM tube (ZP1201 or equivalent)	[1]

PERFORMANCE

Accuracy	±15% of reading within the measuring range	[1]

MEASURING RANGE

Sensitivity	17 cps per mR/h (^{137}Cs)	[2]
Angular dependence	Less than ±20% within ±45° of the preferred direction	[1]

POWER & BATTERY

Power supply	One 9 V battery, more than 50 hours of operation	[1]

MECHANICAL

Dimensions	13 × 7.2 × 3.4 cm	[1]
Weight	280 g (0.62 lb)	[1]

ENVIRONMENT & RATINGS

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

ORDERING & ACCESSORIES

Ordering code	BAK-1752 (RAM GAM-1 Mark II)	[1]

Sources

[1] **RAM GAM-1 technical data sheet**
Rotem Industries · datasheet · TDS p. 2, Technical Data; TDS, Ordering information · checked 2026-10-16
https://rotem-radiation.co.il/wp-content/uploads/2025/05/RAM-GAM-1-20072020.pdf

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