ROTEM

RG-40 Detector

GM probe for high gamma fields, up to 100 Sv/h, for the RAM R-200

GM-based probe for detecting high gamma radiation. Together with the RAM R-200 it gives measurements over a very wide range, up to 100 Sv/h.



Detector	Measurement range	Weight
GM tube 4G60M [1]	**1 mSv/h – 100 Sv/h (0.1–10,000 R/h)** [1]	**130 g (0.3 lb)** [1]

Specifications

DETECTOR

Detector	GM tube 4G60M	[1]

PERFORMANCE

Accuracy	±10% of reading	[1]

MEASURING RANGE

Measurement range	1 mSv/h – 100 Sv/h (0.1–10,000 R/h)	[1]
Energy response	±35% from 60 keV to 2.0 MeV	[1]
Sensitivity	77 cps per R/h	[1]

MECHANICAL

Dimensions	145 × ø30 mm	[1]
Weight	130 g (0.3 lb)	[1]

ENVIRONMENT & RATINGS

perating temperature	–30 to +60 °C	[1]
IP rating	IP67 (splash-proof aluminium casing)	[1]

Sources

[1] **RAM R-200 technical data sheet**
Rotem Industries · datasheet · RAM R-200 TDS p. 3, External Detectors – RG-40 · checked 2026-10-16
https://rotem-radiation.co.il/wp-content/uploads/2026/01/RAM-R-200-TDS-10112025.pdf

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.