ROTEM

RG-10 Detector

Pancake GM probe for alpha, beta, gamma and X-ray contamination, for the RAM R-200

Probe with a pancake GM tube for detecting alpha, beta, gamma and X-ray radiation. Together with the RAM R-200 it gives efficient surface contamination detection. The probe communicates via RS-232 and can be connected directly to a PC for calibration or download.



Detector	Measurement range	Weight
Pancake GM tube NRC 2006 [1]	**0–1.00 Mcpm** [1]	**310 g (0.7 lb)** [1]

Specifications

DETECTOR

Detector	Pancake GM tube NRC 2006	[1]
Window	1.5–2.0 mg/cm²	[1]
Effective area	15.5 cm²	[1]

PERFORMANCE

Accuracy	±10% of reading	[1]

MEASURING RANGE

Measurement range	0–1.00 Mcpm	[1]
Sensitivity	3,500 cpm per mR/h (^{137}Cs); 500 cpm per Bq/cm² (^{90}Sr/^{90}Y); 175 cpm per Bq/cm² (^{239}Pu)	[1]

CONNECTIVITY & INTERFACE

Communication	RS-232; can be connected directly to a PC for calibration and download	[1]

MECHANICAL

Dimensions	ø62 × 181 mm	[1]
Weight	310 g (0.7 lb)	[1]

ENVIRONMENT & RATINGS

perating temperature	−30 to +60 °C	[1]
IP rating	IP64 (splash-proof aluminium casing)	[2]

Sources

[1] **RG-10 Detector**
Rotem Industries · product-page · Product page – Technical Information; Product page – Product Specifications · checked 2026-10-16
https://rotem-radiation.co.il/solution/rg-10-detector/

[2] RAM R-200 technical data sheet
Rotem Industries · datasheet · RAM R-200 TDS p. 3, External Detectors – RG-10 · 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.