LUDLUM

Model 44-9 Pancake GM-detektor

Contamination probe

A pancake GM detector for alpha, beta and gamma surveys and sample counting with compatible instruments.



Detector type
Halogen-quenched pancake GM [1]

Weight
.5 kg [1]

Specifications

DETECTOR

Detector type	Halogen-quenched pancake GM	[1]
Measurement	Alpha, beta, gamma; sample counting	[1]
Active detector area	15.5 cm²	[2]
pen window area	12.3 cm²	[2]
Window	Mica, 2.0 ± 0.3 mg/cm²	[1]

PERFORMANCE

Dead time, typical	80 µs	[1]

MEASURING RANGE

Gamma sensitivity, typical (^{137}Cs)	3300 cpm per mR/hr	[1]

CONNECTIVITY & INTERFACE

Detector connector	Series C; alternatives available	[1]

MECHANICAL

Dimensions (H × W × L)	4.6 × 6.9 × 27.2 cm	[1]
Weight	0.5 kg	[1]

ENVIRONMENT & RATINGS

perating voltage	900 V DC	[1]
perating temperature	−15 to +50 °C (5 to 122 °F); may be certified for −40 to +65 °C (−40 to 150 °F)	[3]

Sources

[1] Model 44-9 Alpha, Beta, Gamma Radiation Detector
Ludlum Measurements · datasheet · p. 1, Specifications; p. 1, Specifications (SENSITIVITY) · checked 2026-10-16
https://ludlums.com/images/data_sheets/M44-9.pdf

[2] Model 44-9 Alpha-Beta-Gamma Detector
Ludlum Measurements · product-page · Specifications tab (Window Area) · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-44-9

[3] Ludlum Model 44-9 manual
Ludlum Measurements · manual · Manual p. 8 (p. 2), Specifications · checked 2026-10-16
https://ludlums.com/images/product_manuals/M44-9.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.