LUDLUM

Ludlum 3005/4

Handheld survey meter

Ludlum 3005/4 – handheld survey meter from Ludlum Measurements. Detector: Energy-compensated GM. Enclosure rating and conditions: IP53.



Detector	Enclosure rating and conditions	Weight as specified
Energy-compensated GM [1]	**IP53** [1]	**1.06 kg** [1]

Specifications

DETECTOR

Detector	Energy-compensated GM	[1]
Internal detector	Energy-compensated GM	[1]

PERFORMANCE

Linearity	±10 %	[1]
Resolution time	Approximately 5 µs as defined by IEC 60325	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 s, or Auto-Response Rate FAST or SLOW	[1]
Internal detector range	10 µSv/h to 500 mSv/h (1 mR/hr to 50 R/hr)	[1]
Energy response	60 keV to 3 MeV (±25%)	[1]

ELECTRONICS & SIGNAL

Detector bias	550 V	[1]

POWER & BATTERY

Power supply	Four alkaline “AA” batteries	[1]
Battery life and conditions	Approximately 750 hours of operation (as low as 100 hours with backlight configured for continuous-on)	[1]

MECHANICAL

Dimensions (H × W × L)	16.5 x 11.4 x 21.6 cm	[1]
Weight as specified	1.06 kg	[1]

ENVIRONMENT & RATINGS

Operating temperature	-20 to 50 °C	[1]
Enclosure rating and conditions	IP53	[1]

ORDERING & ACCESSORIES

Part number	48-4259	[1]

Sources

[1] **Model 3005 – Digital Survey Meter with Internal Detector**
Ludlum Measurements · product-page · Specifications tab, 'Detector'; Specifications tab, 'High Voltage'; Specifications tab, 'Linearity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-3005

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.