LUDLUM

Ludlum 2402

Handheld survey meter

Ludlum 2402 – handheld survey meter from Ludlum Measurements. Measurement range as specified: Detector dependent. Weight as specified: 0.4 kg including battery.



Measurement range as specified
Detector dependent [1]

Weight as specified
0.4 kg including battery [1]

Specifications

DETECTOR

Compatible external detectors	GM, scintillation	[1]

MEASURING RANGE

Measurement range as specified	Detector dependent	[1]
Sensitivity	Detector dependent	[1]
Response time	Typically 8 s from 10 % to 90 % of final reading	[1]
Energy response	Detector dependent	[1]

ELECTRONICS & SIGNAL

Detector bias	Adjustable from 550 to 900 Vdc, internal HV adjustment potentiometer	[1]

POWER & BATTERY

Power supply	9 V battery	[1]
Battery life and conditions	Typically 250 hours with alkaline battery	[1]

MECHANICAL

Dimensions (H × W × L)	4.6 x 8.4 x 13.5 cm	[1]
Weight as specified	0.4 kg including battery	[1]

ENVIRONMENT & RATINGS

Operating temperature	−20 to +50 °C (−4 to 122 °F)	[2]

Sources

[1] **Model 2402 Pocket-Size Survey Meter with Alarm**
Ludlum Measurements · product-page · Specifications tab, 'Compatible Detectors'; Specifications tab, 'Range'; Specifications tab, 'Sensitivity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-2402

[2] Ludlum Model 2402 manual
Ludlum Measurements · manual · Manual p. 15 (p. 5-1), section 5, Environmental Conditions for Normal Use · checked 2026-10-16
https://ludlums.com/images/product_manuals/M2402.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.