LUDLUM

Ludlum 2403

Handheld survey meter

Ludlum 2403 – handheld survey meter from Ludlum Measurements. Weight as specified: 0.4 kg including battery.



Measurement range as specified

Detector dependent; typically 0–200 mR/hr, varies with detector and units selected [1]

Weight as specified

0.4 kg including battery [2]

Specifications

MEASURING RANGE

Measurement range as specified	Detector dependent; typically 0–200 mR/hr, varies with detector and units selected	[1]
Sensitivity	Detector dependent	[2]
Response time	Typically 8 s from 10 % to 90 % of final reading	[2]
Energy response	Detector dependent	[2]

ELECTRONICS & SIGNAL

Detector bias	550 to 900 Vdc	[2]

POWER & BATTERY

Power supply	9 V battery	[2]
Battery life and conditions	Typically 250 hours with alkaline battery	[2]

MECHANICAL

Dimensions (H × W × L)	4.6 × 8.4 × 13.5 cm; length 15.2 cm with connector	[2]
Weight as specified	0.4 kg including battery	[2]

ENVIRONMENT & RATINGS

Operating temperature	−20 to +50 °C (−4 to 122 °F); may be certified for operation from −40 to +65 °C (−40 to 150 °F)	[3]

GENERAL

Alarm	No	[2]

Sources

[1] **Model 2403 General Purpose Ratemeter (data sheet)**
Ludlum Measurements · datasheet · Specifications, 'Range' · checked 2026-10-16
https://ludlums.com/images/data_sheets/M2403.pdf

[2] **Model 2403 Pocket-Size Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Sensitivity'; Specifications tab, 'High Voltage'; Specifications tab, 'Power' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-2403

[3] **Ludlum Model 2403 manual**
Ludlum Measurements · manual · Manual p. 14 (p. 5-1), section 5, Environmental Conditions for Normal Use · checked 2026-10-16
https://ludlums.com/images/product_manuals/M2403.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.