LUDLUM

Ludlum 79

Handheld survey meter

Ludlum 79 – handheld survey meter from Ludlum Measurements. Detector: Energy-compensated GM tube. Enclosure rating and conditions: IP52 (electronics).



Detector
Energy-compensated GM tube [1]

Enclosure rating and conditions
IP52 (electronics) [1]

Weight as specified
.4 kg, including batteries and s houlder strap [1]

Specifications

DETECTOR

Detector	Energy-compensated GM tube	[1]

PERFORMANCE

Linearity	±10 %	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 s, Auto-Response Rate FAST or SLOW, or Fixed F AST and SLOW	[1]
Measurement range	40 µSv/h to 10 Sv/h (4 mR/hr to 999 R/hr)	[1]
Energy response	Within 25% of true value from 60 keV to 3 MeV	[1]

POWER & BATTERY

Power supply	Two alkaline or two rechargeable “AAA” batteries (instrument does not support in-device charging)	[1]
Battery life and conditions	Approximately 100 hours of operation	[1]

MECHANICAL

Dimensions (H × W × L)	20.3 x 8.1 x 114 cm retracted, 4.5 m fully extended	[1]
Weight as specified	1.4 kg, including batteries and shoulder strap	[1]

ENVIRONMENT & RATINGS

perating temperature	-20 to 50 °C	[1]
Enclosure rating and conditions	IP52 (electronics)	[1]

Sources

[1] Model 79 – Stretch Scope Survey Meter
Ludlum Measurements · product-page · Specifications tab, 'Detector'; Specifications tab, 'Linearity'; Specifications tab, 'Power' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-79

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.