LUDLUM

Ludlum 30-6

Handheld survey meter

Ludlum 30-6 – handheld survey meter from Ludlum Measurements. Measurement range as specified: 0.00 to 20 µSv/h (0.00 to 2000 µR/hr). Overall weight: 2.9 kg.



Detector	Measurement range as specified	Overall weight
EJ-212 plastic scintillator, 1 .2 × 2.5 cm (D × L) [1]	**.00 to 20 µSv/h (0.00 to 2000 µ R/hr)** [1]	**.9 kg** [1]

Specifications

DETECTOR

Detector	EJ-212 plastic scintillator, 15.2 × 2.5 cm (D × L)	[1]

PERFORMANCE

Linearity	±10 %	[1]

MEASURING RANGE

Measurement range as specified	0.00 to 20 µSv/h (0.00 to 2000 µR/hr)	[1]
Sensitivity (^{137}Cs gamma)	Typically 150 kcpm per µSv/h (1500 cpm per µR/hr)	[1]
Response time	User-selectable from 1 to 60 seconds, auto-response rate FAST or SLOW, o r Fixed FAST and SLOW	[1]
Energy response	Energy dependent	[1]

POWER & BATTERY

Power supply	Two alkaline or two rechargeable "AAA" batteries	[1]
Battery life and conditions	Approximately 100 hours of operation	[1]

MECHANICAL

Overall weight	2.9 kg	[1]
Overall length	Adjustable from 111 to 161 cm, with 11 different length settings	[1]
Dimensions	20.3 × 20.3 cm (L × W)	[2]

ENVIRONMENT & RATINGS

perating temperature	-20 to 50 °C	[1]
Enclosure rating and conditions	IP52 with audio-hole seal option	[1]

Sources

[1] Model 30-6 – Extended Reach microR Survey Meter
Ludlum Measurements · product-page · Specifications tab, 'Detector'; Specifications tab, 'Range'; Specifications tab, 'Sensitivity (137Cs gamma)' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-30-6

[2] Ludlum Model 30 Series manual
Ludlum Measurements · manual · Manual p. 76 (p. 72), appendix A.2.2 Model 30-6 Specifications · checked 2026-10-16
https://ludlums.com/images/product_manuals/M30.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.