LUDLUM

Ludlum 79/1

Handheld survey meter

Ludlum 79/1 – handheld survey meter from Ludlum Measurements. Detector: CsI(Tl) crystal scintillator, 18 × 18 mm. Enclosure rating and conditions: IP65.



Detector	Enclosure rating and conditions	Weight as specified
CsI(Tl) crystal scintillator, 18 × 18 mm [1]	**IP65** [1]	**.4 kg, including batteries and s houlder strap** [1]

Specifications

DETECTOR

Detector	CsI(Tl) crystal scintillator, 18 × 18 mm	[1]

PERFORMANCE

Linearity	±15 % full range (dose rate)	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 seconds, Auto-Response Rate FAST or SLOW, o r Fixed FAST and SLOW	[1]
Energy response	Non-linear (energy response curve available from the manufacturer)	[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	IP65	[1]

Sources

[1] Model 79/1 – 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-79slash1

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.