LUDLUM

Ludlum 12S

Handheld survey meter

Ludlum 12S – handheld survey meter from Ludlum Measurements. Weight as specified: 2.1 kg including batteries.



Detector (D × L)

NaI(Tl) scintillator, 2.5 × 2.5 cm (1 × 1 in.), internally mounted [1]

Weight as specified

.1 kg including batteries [1]

Specifications

Detector (D × L)	NaI(Tl) scintillator, 2.5 × 2.5 cm (1 × 1 in.), internally mounted	[1]
Detector bias	Adjustable from 400 to 1500 Vdc	[1]
Power supply	Two "D" cell batteries	[1]
Battery life and conditions	exceeds 600 hours	[1]
Dimensions (H × W × L)	22.2 x 21.6 x 8.6 cm with handle	[1]
Weight as specified	2.1 kg including batteries	[1]
Energy response	Energy dependent	[1]
Meter dial	0–3 µR/hr, BAT TEST (other meter faces available)	[1]

Sources

[1] **Model 12S microR Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Detector (D x L)'; Specifications tab, 'High Voltage'; Specifications tab, 'Power' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-12s

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.