LUDLUM

Ludlum 3002

Handheld survey meter

Ludlum 3002 – handheld survey meter from Ludlum Measurements. Enclosure rating and conditions: IP53. Weight as specified: 0.7 kg (excluding detector and clip).



Enclosure rating and conditions
IP53 [1]

Weight as specified
0.7 kg (excluding detector and clip) [1]

Specifications

DETECTOR

Compatible external detectors	alpha-beta scintillation or gas proportional	[1]

PERFORMANCE

Linearity	±10 %	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 seconds, or auto-response rate FAST or SLOW	[1]

ELECTRONICS & SIGNAL

Detector bias	400 to 2200 Vdc	[1]

CONNECTIVITY & INTERFACE

Display range	0.0 cps–99.9 kcps; 0.00 cpm–999 kcpm; 0.00 Bq–99.9 kBq; 0.00 dpm–999 kdpm; operational ranges depend on the detector and dead-time configuration, and min/max can be limited to the calibrated range	[1]

POWER & BATTERY

Power supply	Four alkaline “AA” batteries	[1]
Battery life and conditions	Approximately 750 hours of operation (as low as 100 hours with backlight configured for continuous-on)	[1]

MECHANICAL

Dimensions (H × W × L)	16.5 x 11.4 x 21.6 cm	[1]
Weight as specified	0.7 kg (excluding detector and clip)	[1]

ENVIRONMENT & RATINGS

Operating temperature	-20 to 50 °C	[1]
Enclosure rating and conditions	IP53	[1]

Sources

[1] **Model 3002 – Alpha-Beta Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Compatible Detectors'; Specifications tab, 'High Voltage'; Specifications tab, 'Linearity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-3002

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.