LUDLUM

Ludlum 3001

Handheld survey meter

Ludlum 3001 – handheld survey meter from Ludlum Measurements. Enclosure rating and conditions: IP53. Weight as specified: 0.7 kg (excluding detectors and clips).



Enclosure rating and conditions
IP53 [2]

Weight as specified
.7 kg (excluding detectors and clips) [1]

Specifications

DETECTOR		
Compatible external detectors	GM, scintillation, or proportional	[1]
PERFORMANCE		
Linearity	±10 %	[1]
MEASURING RANGE		
Response time	User-selectable from 1 to 60 s, or Auto-Response Rate FAST or SLOW	[1]
ELECTRONICS & SIGNAL		
Detector bias	400 to 1500 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; 0.00 µR/h–999 R/h; 0.00 µSv/h–999 Sv/h; 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 500 hours (as low as 60 hours with backlight configured for continuous-on)	[1]
MECHANICAL		
Dimensions (H × W × L)	16.5 x 11.4 x 21.6 cm	[2]
Weight as specified	0.7 kg (excluding detectors and clips)	[1]
ENVIRONMENT & RATINGS		
perating temperature	-20 to 50 °C	[1]
Enclosure rating and conditions	IP53	[2]

Sources

[1] **Model 3001 – Multi-Detector 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-3001

[2] **Model 3001 – Multi-Detector Survey Meter (data sheet)**
Ludlum Measurements · datasheet · p. 2, Specifications, 'Environmental Rating'; p. 2, Specifications, 'Size' · checked 2026-10-16
https://ludlums.com/images/data_sheets/M3001.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.