LUDLUM

Ludlum 3006

Handheld survey meter

Ludlum 3006 – handheld survey meter from Ludlum Measurements. Detector (D × L): Plastic scintillator, 15.2 × 2.5 cm. Enclosure rating and conditions: IP53.



Detector (D × L)
Plastic scintillator, 15.2 × 2.5 cm [1]

Enclosure rating and conditions
IP53 [1]

Overall weight
.2 kg (without batteries) [1]

Specifications

DETECTOR

Detector (D × L)	Plastic scintillator, 15.2 × 2.5 cm	[1]

PERFORMANCE

Linearity	±10 %	[1]

MEASURING RANGE

Detector measurement range	0.01 to 25.0 µSv/h	[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, or Auto-response rate FAST or SLOW	[1]
Energy response	Energy dependent	[1]

ELECTRONICS & SIGNAL

Detector bias	400 to 1500 Vdc	[1]

POWER & BATTERY

Power supply	4 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

Overall weight	3.2 kg (without batteries)	[1]
Overall length	118 cm	[1]

ENVIRONMENT & RATINGS

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

Sources

[1] **Model 3006 – Extended Reach microR Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Detector (D x L)'; Specifications tab, 'Detector Range'; Specifications tab, 'Sensitivity (137Cs gamma)' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-3006

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.