LUDLUM

Ludlum 3014/1

Handheld survey meter

Ludlum 3014/1 – handheld survey meter from Ludlum Measurements. Enclosure rating and conditions: IP53. Weight as specified: 0.9 kg (excluding detectors and clips).



Enclosure rating and conditions
IP53 [1]

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

Specifications

DETECTOR

Compatible external detectors	GM, scintillation, proportional, or neutron detectors	[1]
Internal detector	CsI scintillator, 18 x 18 mm	[1]

PERFORMANCE

Linearity	±10 %	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 seconds, auto SLOW, auto FAST, fixed SLOW (22 s), fixed FAST (4 s)	[1]
Internal detector range	Background to 500 µSv/h (50 mR/hr)	[1]
Dose response condition	Nonlinear energy response; dose and exposure measurements may be over/underreported	[1]

ELECTRONICS & SIGNAL

Detector bias	300 to 2400 Vdc	[1]

POWER & BATTERY

Power supply	Four "AA" batteries	[1]
Battery life	Approximately 175 hours of operation	[1]

MECHANICAL

Dimensions (H × W × L)	16.5 x 11.4 x 21.6 cm	[1]
Weight as specified	0.9 kg (excluding detectors and clips)	[1]

ENVIRONMENT & RATINGS

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

ORDERING & ACCESSORIES

Part number	48-4365-1	[1]

Sources

[1] **Model 3014 – Survey Meter with Internal Detector**
Ludlum Measurements · product-page · Specifications tab, 'Compatible External Detectors'; Specifications tab, 'High Voltage'; Specifications tab, 'Linearity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-3014

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.