LUDLUM

Ludlum 3192

Handheld survey meter

Ludlum 3192 – handheld survey meter from Ludlum Measurements. Enclosure rating and conditions: IP53. Weight as specified: 1.52 kg.



Detector	Enclosure rating and conditions	Weight as specified
Internal NaI(Tl) scintillator, 5. 1 cm diameter × 2.5 cm thick [1]	**IP53** [1]	**.52 kg** [1]

Specifications

DETECTOR

Detector	Internal NaI(Tl) scintillator, 5.1 cm diameter × 2.5 cm thick	[1]

PERFORMANCE

Linearity	±10 %	[1]

MEASURING RANGE

Detector measurement range	Background to 50 µSv/h (0 to 5,000 µR/hr), 0-999 kcpm	[1]
Sensitivity and reference	Typically 65,000 cpm per µSv/h (650 cpm per µR/hr) (137Cs gamma)	[1]
Response time	User-selectable from 1 to 60 seconds, or auto-response rate of FAST or SLOW	[1]
Energy response	Non-linear (energy response curve available from the manufacturer)	[1]

ELECTRONICS & SIGNAL

Detector bias	400 to 1500 Vdc	[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 continuous-on)	[1]

MECHANICAL

Dimensions (H × W × L)	20.3 x 11.4 x 21.6 cm	[1]
Weight as specified	1.52 kg	[1]

ENVIRONMENT & RATINGS

perating temperature	-20 to 50 °C	[1]

Enclosure rating and conditions	IP53	[1]

Sources

[1] **Model 3192 – Digital Background Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Detector'; Specifications tab, 'Detector Range'; Specifications tab, 'Sensitivity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-3192

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.