LUDLUM

Ludlum 192

Handheld survey meter

Ludlum 192 – handheld survey meter from Ludlum Measurements. Weight as specified: 2.3 kg including batteries.



Detector (D × L)
NaI(Tl) scintillator, 5.1 × 2.5 cm (2 × 1 in.), internally housed [1]

Weight as specified
.3 kg including batteries [1]

Specifications

DETECTOR

Detector (D × L)	NaI(Tl) scintillator, 5.1 × 2.5 cm (2 × 1 in.), internally housed	[1]

PERFORMANCE

Linearity	Reading within 10 % of true value	[1]

MEASURING RANGE

Sensitivity (^{137}Cs gamma)	Typically 650 cpm per µR/hr	[1]
Measurement range	0 to 50 µSv/h (0 to 5000 µR/hr)	[1]
Energy response	Energy dependent	[1]

POWER & BATTERY

Battery life and conditions	Typically 600 hours with alkaline batteries	[1]
Power supply	Two standard alkaline "D" cell batteries, secured in an isolated compartment	[2]

MECHANICAL

Dimensions (H × W × L)	21.6 x 8.9 x 22.4 cm with handle	[1]
Weight as specified	2.3 kg including batteries	[1]

ENVIRONMENT & RATINGS

perating temperature	−20 to +50 °C (−4 to 122 °F); may be certified for operation from −40 to +65 °C (−40 to 150 °F)	[2]

GENERAL

Meter dial	0 to 5 µR/hr, BAT TEST (other meter faces available)	[1]

Sources

[1] Model 192 microR Survey Meter
Ludlum Measurements · product-page · Specifications tab, 'Detector (D x L)'; Specifications tab, 'Sensitivity (137Cs gamma)'; Specifications tab, 'Linearity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-192

[2] Ludlum Model 192 manual
Ludlum Measurements · manual · Manual p. 18 (p. 5-1), section 5, Environmental Conditions for Normal Use; Manual p. 14 (p. 3-1), section 3 Specifications · checked 2026-10-16
https://ludlums.com/images/product_manuals/M192.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.