LUDLUM

Ludlum 15

Portable neutron meter

Ludlum 15 – portable neutron meter from Ludlum Measurements. Instrument count-rate range: 0 to 500,000 cpm. Weight as specified: 3.7 kg.



Instrument count-rate range
0 to 500,000 cpm [1]

Weight as specified
.7 kg [1]

Specifications

PERFORMANCE

Linearity	±10 % of true value	[1]

MEASURING RANGE

Instrument count-rate range	0 to 500,000 cpm	[1]
Neutron sensitivity (bare ^{241}AmBe)	55 cpm per mrem/hr (Model 42-14H neutron detector)	[1]
Sensitivity (^{137}Cs gamma)	Typically 2,100 cpm per mR/hr (Model 44-7 GM detector)	[1]

CONNECTIVITY & INTERFACE

Detector connector	Series "C" (others available)	[2]

POWER & BATTERY

Power supply	2 "D" cell batteries	[1]
Battery life and conditions	Approximately 600 hours with alkaline batteries, can be checked on meter	[1]

MECHANICAL

Dimensions (H × W × L)	31.8 x 8.9 x 21.6 cm	[1]
Weight as specified	3.7 kg	[1]

ENVIRONMENT & RATINGS

perating temperature	-20 to 50 °C	[1]

Sources

[1] **Model 15 Neutron Dose Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Instrument Range'; Specifications tab, 'Linearity'; Specifications tab, 'Power' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-15

[2] Model 15 Neutron Count Ratemeter (data sheet)
Ludlum Measurements · datasheet · Specifications, 'Connector' · checked 2026-10-16
https://ludlums.com/images/data_sheets/M15.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.