LUDLUM

Ludlum 193

Handheld survey meter

Ludlum 193 – handheld survey meter from Ludlum Measurements. Weight as specified: 1.6 kg (3.5 lbs.), including batteries.



Weight as specified

1.6 kg (3.5 lbs.), including batteries [1]

Specifications

DETECTOR

Compatible external detectors	Scintillation detectors	[1]

PERFORMANCE

Linearity	Reading within 10 % of true value	[1]

MEASURING RANGE

Measurement range	0 to 5000 µR/hr (0–5 µR/hr scale; other meter scales available)	[1]
Range multipliers	×1, ×10, ×100, ×1000	[1]

ELECTRONICS & SIGNAL

Detector bias	Externally adjustable and variable from 200 to 1500 Vdc	[1]

POWER & BATTERY

Power supply	Two standard alkaline "D" cell batteries or NiCd rechargeable batteries	[2]
Battery life and conditions	600 hours	[1]

MECHANICAL

Dimensions (H × W × L)	16.5 x 8.9 x 21.6 cm including instrument handle	[1]
Weight as specified	1.6 kg (3.5 lbs.), including batteries	[1]

ENVIRONMENT & RATINGS

Operating temperature	−20 to +50 °C (−4 to 122 °F)	[3]

Sources

[1] **Model 193 microR Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Compatible Detectors'; Specifications tab, 'High Voltage'; Specifications tab, 'Linearity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-193

[2] Model 193 MicroR Ratemeter (data sheet)
Ludlum Measurements · datasheet · Specifications, 'Power' · checked 2026-10-16
https://ludlums.com/images/data_sheets/M193.pdf

[3] Ludlum Model 193 manual
Ludlum Measurements · manual · Manual p. 19 (p. 5-1), section 5, Environmental Conditions for Normal Use · checked 2026-10-16
https://ludlums.com/images/product_manuals/M193.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.