LUDLUM

Ludlum 194/E

Handheld survey meter

Ludlum 194/E – handheld survey meter from Ludlum Measurements. Detector: Rugged plastic scintillator, EJ-256. Enclosure rating and conditions: IP65.



Detector	Enclosure rating and conditions	Weight as specified
Rugged plastic scintillator, EJ-256 [1]	**IP65** [1]	**.1 kg including batteries** [1]

Specifications

DETECTOR

Detector	Rugged plastic scintillator, EJ-256	[1]

MEASURING RANGE

Low range	Background to 19.99 µSv/h (1999 µrem/hr)	[1]
High range	1 to 1999 µSv/h (0.1 to 199.9 mrem/hr)	[1]
Detector arrangement	Extended detector (protrudes from the case) with low-energy 3.2 mg/cm² window for operation below 50 keV	[1]

POWER & BATTERY

Power supply	Two "AA" cell batteries	[1]
Battery life and conditions	Approximately 200 hours without backlight or audio; green BAT OK light indicates adequate battery power	[1]

MECHANICAL

Dimensions (H × W × L)	19.0 x 8.9 x 21.6 cm	[1]
Weight as specified	1.1 kg including batteries	[1]

ENVIRONMENT & RATINGS

perating temperature	-10 to 50 °C	[1]
Enclosure rating and conditions	IP65	[1]

ORDERING & ACCESSORIES

Part number	48-4388	[1]

GENERAL

Readout unit	µrem/hr (low range) and mrem/hr (high range)	[1]

Sources

[1] **Model 194 Dose Equivalent Rate Meter**
Ludlum Measurements · product-page · Specifications tab, 'Detector' (shared table for all 194 configurations); Specifications tab, 'Low Range'; Specifications tab, 'High Range' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-194

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.