LUDLUM

# Ludlum 14C

## Handheld survey meter

Ludlum 14C – handheld survey meter from Ludlum Measurements. Weight as specified: 1.6 kg including batteries.



Weight as specified

**1.6 kg including batteries** [1]

## Specifications

### DETECTOR

| | | |
|---|---|---|
| Compatible external detectors | Any GM or scintillation detector operating at 900 Vdc | [1] |
| Internal detector | Energy-compensated GM tube (used with ×1000 scale only), range 0 to 20 mSv/h (0 to 2000 mR/hr) | [1] |

### PERFORMANCE

| | | |
|---|---|---|
| Linearity | Reading within 10 % of true value with detector connected | [1] |

### MEASURING RANGE

| | | |
|---|---|---|
| Energy response | Within 15% of true value between 60 keV and 3 MeV (internal detector only) | [1] |
| Range multipliers | ×0.1, ×1, ×10, ×100, ×1000 | [1] |

### ELECTRONICS & SIGNAL

| | | |
|---|---|---|
| Detector bias | 900 Vdc | [1] |

### CONNECTIVITY & INTERFACE

| | | |
|---|---|---|
| Detector connector | Series "C" (others available) | [1] |

### POWER & BATTERY

| | | |
|---|---|---|
| Power supply | 2 "D" cell batteries | [1] |
| Battery life and conditions | Typically greater than 2000 hours | [1] |

### MECHANICAL

| | | |
|---|---|---|
| Dimensions (H × W × L) | 16.5 × 8.9 × 21.6 cm | [1] |
| Weight as specified | 1.6 kg including batteries | [1] |

### ENVIRONMENT & RATINGS

| | | |
|---|---|---|
| Operating temperature | -20 to 50 °C | [1] |

### GENERAL

| | | |
|---|---|---|
| Meter dial | 0–2 mR/hr, 0–5 kcpm, BAT TEST (other meter faces available) | [1] |

## Sources

[1] **Model 14C General Purpose Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Compatible External Detectors'; Specifications tab, 'Internal Detector'; Specifications tab, 'High Voltage' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-14c

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.