LUDLUM

Ludlum 78-6

Handheld survey meter

Ludlum 78-6 – handheld survey meter from Ludlum Measurements. Weight as specified: 2.9 kg, including batteries.



Detector
NaI(Tl) scintillator, 2.5 × 2.5 cm, coupled to a photomultiplier [1]

Weight as specified
2.9 kg, including batteries [1]

Specifications

DETECTOR		
Detector	NaI(Tl) scintillator, 2.5 × 2.5 cm, coupled to a photomultiplier	[1]
PERFORMANCE		
Linearity	±10 %	[1]
MEASURING RANGE		
Counting ranges	Two-scale meter face presenting 0 - 50 µR/hr with full-scale range positions of 5000, 500, and 50; and 0 - 25 µR/hr with full-scale positions of 250 and 25	[1]
ELECTRONICS & SIGNAL		
Detector bias	Variable from 400 to 1500 Vdc, electronically regulated to within 1 %	[1]
POWER & BATTERY		
Power supply	2 "D" batteries	[1]
Battery life and conditions	Approximately 1000 hours with alkaline batteries	[1]
MECHANICAL		
Dimensions (H × W × L)	17.7 x 10.2 x 114 cm retracted; 396 cm fully extended	[1]
Weight as specified	2.9 kg, including batteries	[1]
ENVIRONMENT & RATINGS		
Operating temperature	-20 to 50 °C	[1]

Sources

[1] Model 78-6 – Stretch Scope Survey Meter
Ludlum Measurements · product-page · Specifications tab, 'Detector'; Specifications tab, 'High Voltage'; Specifications tab, 'Linearity' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-78-6

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.