LUDLUM

Ludlum 3078i/1

Handheld survey meter

Ludlum 3078i/1 – handheld survey meter from Ludlum Measurements. Enclosure rating and conditions: IP53. Weight as specified: 2.5 kg including batteries and shoulder strap.



Enclosure rating and conditions
IP53 [1]

Weight as specified
.5 kg including batteries and shoulder strap [1]

Specifications

DETECTOR

External detector	Two energy-compensated GM tubes	[1]
Internal detector	CsI scintillator, 18 x 18 mm	[1]

PERFORMANCE

Linearity	±10 %	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 seconds, auto SLOW, auto FAST, fixed SLOW (2 2 s), fixed FAST (4 s)	[1]
Internal detector range	Background to 500 µSv/h (50 mR/hr)	[1]
Dose response condition	Nonlinear energy response; dose and exposure measurements may be over/underreported	[1]
Energy response	Within 25% of true value from 60 keV to 3 MeV	[1]

POWER & BATTERY

Power supply	Four "AA" batteries	[1]
Battery life and conditions	Approximately 75 hours with no backlight (as low as 20 hours with backlight and lamp continuous-on)	[1]

MECHANICAL

Dimensions (H × W × L)	20.0 x 11.4 x 125.1 cm retracted, fully extended length 466.7 cm	[1]
Weight as specified	2.5 kg including batteries and shoulder strap	[1]

ENVIRONMENT & RATINGS

perating temperature	-20 to 50 °C	[1]
Enclosure rating and conditions	IP53	[1]

ORDERING & ACCESSORIES

Part number	48-4337-1	[1]

Sources

[1] **Model 3078 Series – Stretch Scope with Optional Internal Detector**
Ludlum Measurements · product-page · Specifications tab, 'External Detector'; Specifications tab, 'Linearity'; Specifications tab, 'Power' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-3078-series

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.