LUDLUM

Model 25 Series

Personal radiation monitor

A compact, rugged monitor that warns response personnel of elevated radiation fields.



Detector type	Energy range	Weight including batteries
Internal energy-compensated GM [1]	**60 keV–2 MeV** [1]	**144 g** [1]

Specifications

DETECTOR		
Detector type	Internal energy-compensated GM	[1]
MEASURING RANGE		
Energy range	60 keV–2 MeV	[1]
Calibrated exposure-rate range	Model 25: 2 mR/hr–999 R/hr	[2]
Calibrated dose-rate range	Model 25-1: 0.02 mSv/h–9.99 Sv/h	[2]
Accumulated exposure	Model 25: 0–999 R	[2]
CONNECTIVITY & INTERFACE		
Display	Backlit LCD, 3½ digits	[1]
POWER & BATTERY		
Power supply	2 lithium coin cells	[1]
Battery life, typical	6000 h	[1]
MECHANICAL		
Dimensions (H × W × L)	7.6 × 5.4 × 1.7 cm	[1]
ENVIRONMENT & RATINGS		
IP rating	IP67	[1]
perating temperature	–40 to +65 °C	[1]
ORDERING & ACCESSORIES		
Weight including batteries	144 g	[1]
GENERAL		
Indication	Audible and visual; adjustable alarms	[1]

Sources

[1] **Model 25 Series Personal Radiation Monitor (data sheet)**
Ludlum Measurements · datasheet · p. 1, Specifications; p. 1, Features and Specifications (ALERTS & ALARMS) · checked 2026-10-16
https://ludlums.com/images/data_sheets/M25-series.pdf

[2] **Model 25 Series Personal Radiation Monitor**
Ludlum Measurements · product-page · Specifications tab (Calibrated Range); Features (Accumulated Dose Range) · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-25-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.