LUDLUM

Ludlum 26-1

Handheld contamination meter

Ludlum 26-1 – handheld contamination meter from Ludlum Measurements. Detector: Pancake GM. Enclosure rating and conditions: IP53.



Detector	Enclosure rating and conditions	Weight as specified
Pancake GM [1]	**IP53** [1]	**.45 kg** [1]

Specifications

DETECTOR

Detector	Pancake GM	[1]
Window area	Active: 15.51 cm²; open: 12.26 cm²	[2]

PERFORMANCE

Linearity	±10%	[1]
Resolution time	Approximately 110 µs as defined by IEC 60325	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 seconds, or auto-response rate FAST or SLOW	[1]

CONNECTIVITY & INTERFACE

Display range	0.00 cps–19.9 kcps; 0.00 cpm–999 kcpm; 0.00 Bq–19.9 kBq; 0.00 dpm–999 kdpm; 0.00–500 mR/h; 0.000–1999 µSv/h	[1]

POWER & BATTERY

Power supply	Two “AA” batteries	[1]
Battery life and conditions	Approximately 1000 hours of operation (as low as 500 hours with backlight configured for 'Continuous On')	[2]

MECHANICAL

Dimensions (H × W × L)	4.6 x 6.9 x 27.2 cm	[1]
Weight as specified	0.45 kg	[1]

ENVIRONMENT & RATINGS

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

ORDERING & ACCESSORIES

Part number	48-3965	[1]

GENERAL

Dose filter	ptional	[1]

Sources

[1] **Model 26-1 Series – Integrated Frisker**
Ludlum Measurements · product-page · Specifications tab, 'Detector'; Specifications tab, 'Linearity'; Specifications tab, 'Power' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-26-1-series

[2] **Model 26-1 & 26-1DOSE – Integrated Frisker (data sheet, 0426)**
Ludlum Measurements · datasheet · p. 2, Specifications, 'Battery Life'; p. 2, Specifications, 'Window Area' · checked 2026-10-16
https://ludlums.com/images/data_sheets/M26-1_Series.pdf

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.