LUDLUM

Ludlum Model 2000

General purpose scaler

Counting electronics for external GM, proportional and scintillation detectors, powered by mains or batteries.



Weight without batteries
.1 kg [1]

Specifications

DETECTOR

Compatible detectors	GM, proportional and scintillation detectors	[1]

PERFORMANCE

Scaler linearity	Reading within 2% of true value	[1]

MEASURING RANGE

Scaler range	0–999,999 counts	[1]

ELECTRONICS & SIGNAL

High voltage	200–2500 V	[1]
Discriminator	2–100 mV	[1]

CONNECTIVITY & INTERFACE

Communication	RS-232 (9-pin); RS-232–USB adapter cable included	[1]

POWER & BATTERY

Power supply	95–250 V AC, 50–60 Hz or 4 D-cell batteries	[1]
Typical battery life	120 h, alkaline batteries	[1]
Weight without batteries	3.1 kg	[1]

MECHANICAL

Dimensions (H × W × L)	21.6 × 12.7 × 23.5 cm	[1]

ORDERING & ACCESSORIES

Part number	48-1648	[1]

GENERAL

Count timer	0–999 min; multiplier ×0.1 or ×1	[1]

Sources

[1] **Model 2000 General Purpose Scaler (data sheet)**
Ludlum Measurements · datasheet · p. 1, Specifications; p. 1, Specifications (DATA OUTPUT) · checked 2026-10-16
https://ludlums.com/images/data_sheets/M2000.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.