LUDLUM

Ludlum Model 3030E

Alpha/beta scaler

Dual-channel counting electronics for simultaneous alpha and beta counting with an external sample detector.



Counting channels
2, alpha and beta [1]

Approximate weight
2.7 kg [1]

Specifications

PERFORMANCE

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

MEASURING RANGE

Scaler range per channel	0–999,999 counts	[1]

ELECTRONICS & SIGNAL

Counting channels	2, alpha and beta	[1]
High voltage	200–2500 V DC	[1]

CONNECTIVITY & INTERFACE

Display units	cpm; dpm	[2]
Communication	RS-232 (9-pin); RS-232–USB adapter cable included	[1]

POWER & BATTERY

Battery operation	Up to 8 h with internal rechargeable battery	[1]

MECHANICAL

Approximate weight	2.7 kg	[1]
Dimensions (H × W × D)	24.1 × 13.5 × 25.4 cm	[1]

ENVIRONMENT & RATINGS

Operating temperature	−20–+50 °C	[1]

ORDERING & ACCESSORIES

Part number	48-3448	[1]

GENERAL

Preset counting times	0.1; 0.5; 1; 2; 5; 10; 60 min	[1]

Sources

[1] **Model 3030E Alpha/Beta Sample Counter**
Ludlum Measurements · datasheet · p. 1, Specifications; p. 1, Specifications (DATA OUTPUT); p. 1, Specifications (POWER) · checked 2026-10-16
https://ludlums.com/images/data_sheets/M3030E.pdf

[2] **Model 3030E Alpha-Beta Scaler**
Ludlum Measurements · product-page · Features · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-3030e

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.