

Model 12 General Purpose Ratemeter

Radiation Detection for a Safer World



Ludlum Measurements, Inc.

FEATURES

- Low Price
- Rugged
- 4-Decade Analog Ratemeter
- Supports GM, Proportional & Scintillation Type Detectors
- Greater than 2000 Hour Battery Life



Specifications

Part Number: 48-1609

COMPATIBLE DETECTORS: GM, proportional, scintillation

HIGH VOLTAGE: adjustable from 400-2500 Vdc

THRESHOLD: -1 to -100 mV

WINDOW: no

OVERLOAD: optional

LINEARITY: within 10% of true value with detector connected

CONTROLS:

Rotary Selector Switch: off, battery check, range selections for x1, x10, x100, x1000

Reset Button: to zero meter

High Voltage Check Button: view high voltage setting on meter face

Response Switch: toggles between FAST (4 seconds) or SLOW (22 seconds) from 10% to 90% of final reading

Audio Switch: on/off, built-in unimorph speaker, 60 dB at 61 cm (2 ft)

Calibration Controls: accessible from front of instrument (protective cover provided)

CONSTRUCTION: cast and drawn aluminum with beige powder coating

METER DIAL: 0-500 cpm, 0-2.5 kV, BAT TEST (others available)

DETECTOR CONNECTOR: type "C" series

TEMPERATURE RANGE: -20 to 50 °C (-4 to 122 °F)

May be certified for operation from -40 to 65 °C (-40 to 150 °F)

POWER: two each "D" cell batteries (housed in externally accessible sealed compartment)

BATTERY LIFE: 2000 hours

SIZE: 16.5 x 8.9 x 21.6 cm (6.5 x 3.5 x 8.5 in.) (H x W x L)

WEIGHT: 1.6 kg (3.5 lb) including batteries

