

# LUDLUM MEASUREMENTS, INC.

## Model 12 General Purpose Ratemeter

Part Number: 48-1609

### Features

- Rugged, Low Price Survey Meter
- Exposure or CPM Meter Dials
- 4-Range Analog Ratemeter
- Supports GM, Proportional & Scintillation Type Detectors
- Greater than 2000 Hour Battery Life



### Specifications

**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 & drawn aluminum with beige powder coat

**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