

Model 3

General Purpose Ratemeter



FEATURES:

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

Our best selling, general purpose, handheld analog ratemeter, the Model 3 is known for accuracy and long-lasting dependability. The analog meter comes in a variety of measurement ranges and units to support the external radiation detector selected.

The aluminum cast instrument housing with its sealed battery compartment and accompanying metal handle offer an industrial robustness and quality that promote long-lasting protection and instrument life. A one meter (39 in.) straight type detector cable with "C" style connector is included in the price of the instrument.

SPECIFICATIONS

COMPATIBLE DETECTORS: GM, proportional, scintillation

HIGH VOLTAGE: adjustable from 400 to 1500 Vdc

THRESHOLD: fixed at 40 mV \pm 10 mV

LINEARITY: within 10% of true value

CONTROLS:

- Rotary Selector Switch: off, battery check, range selections for x0.1, x1, x10, x100
- Reset: pushbutton to zero meter
- 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: 0–2 mR/hr, or 0–500 kcpm, BAT TEST (others available)

DETECTOR CONNECTOR: type "C" series (others available)

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: typically greater than 2000 hours with alkaline batteries (battery condition can be checked on meter)

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