

Model 16 General Purpose Ratemeter

Part Number: 48-1612

Features

- Low Price
- Rugged
- 4-Range Analog Ratemeter
- Supports GM, Proportional & Scintillation Type Detectors
- Adjustable Window

Specifications

COMPATIBLE DETECTORS: GM, proportional, scintillation
METER DIAL: 0-500 cpm, 0-2.5 kV, BAT TEST (others available)

LINEARITY: 10% of true value

HIGH VOLTAGE: adjustable from 400-2500 volts

THRESHOLD: adjustable from 2-60 mV

WINDOW: adjustable from 0-60 mV above threshold, can be turned on or off

OVERLOAD: senses detector saturation, indicated by red lamp and full-scale meter reading

CONTROLS

- Multi-Selector Switch: range multipliers: x1, x10, x100, x1000, battery check, instrument On/Off
- Audio: on/off switch, built-in unimorph speaker, greater than 60 dB at 61 cm (2 ft)
- Response Time: toggle switch for Fast (4 seconds) or Slow (22 seconds) from 10% to 90% of final reading
- Window: toggle switch for window in or out
- Reset: pushbutton to zero the meter reading
- High Voltage Check: pushbutton
- Calibration Controls: screwdriver adjustable settings for window, threshold, overload, high voltage, and for each of the four ranges

CONSTRUCTION: cast and drawn aluminum with beige powder coat paint

METER: 6.4 cm (2.5 in.) arc, pivot-and-jewel suspension

CONNECTOR: series "C"

POWER: 2 each "D" cell batteries, housed in sealed compartment that is externally accessible

BATTERY LIFE: 600 hours

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

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

WEIGHT: 1.6 kg (3.5 lb), including batteries

