

Model 3A Alarming Survey Meter



Ludlum Measurements, Inc.



PART NUMBER:48-1408

INDICATED USE: General purpose survey

COMPATIBLE DETECTORS: G-M, scintillation

METER DIAL: 0 - 2 mR/hr, or 0 - 5k cpm, BAT TEST (others available)

MULTIPLIERS: X0.1, X1, X10,X100

LINEARITY: Reading within $\pm 10\%$ of true value with detector connected

CONNECTOR: Series "C" (others available)

ALARM: Indicated by red lamp on front panel and audio going to constant tone (NOTE: The alarm circuit on the Model 3A is triggered by meter deflection)

AUDIO: Built in unimorph speaker with ON/OFF switch (greater than 60 dB at 2 feet)

CALIBRATION CONTROLS: Accessible from front of instrument (protective cover provided)

HIGH VOLTAGE: Adjustable from 200 - 1500 volts

THRESHOLD: 30 mV \pm 10 mV

RESPONSE: Toggle switch for FAST (4 seconds) or SLOW (22 seconds) from 10% to 90% of final reading RESET: Push-button to zero meter

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

BATTERY LIFE: Typically greater than 600 hours with alkaline batteries (battery condition can be checked on meter)

METER: 2.5" (6.4 cm) arc, 1 mA analog type

CONSTRUCTION: Cast and drawn aluminum with beige polyurethane enamel paint

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

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

SIZE: 6.5" (16.5 cm)H X 3.5" (8.9 cm)W X 8.5" (21.6 cm)L

WEIGHT: 3.5 lbs. (1.6 kg) including batteries