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the medical
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Ludlum
Model 14C Survey Meter
PART NUMBER:48-1611

- 5 Ranges
- Internal High Range Energy Compensated G-M
- Utilizes G-M or Scintillation Detectors
- Total Range from 0 - 2000 mR/hr



COMPATIBLE DETECTORS: G-M, scintillation

METER DIAL:Typically 0 - 2 mR/hr and cpm, BAT TEST (*others available*)

MULTIPLIERS: X0.1, X1, X10, X100, X1000

LINEARITY: Reading within plus or minus 10% of true value with detector connected

CONNECTOR: Series "C" (*others available*)

INTERNAL DETECTOR: Energy compensated G-M (*used with X1000 scale only*)

ENERGY RESPONSE: Within plus or minus 15% of true value between 60 keV - 3 MeV (*internal detector only*)

THRESHOLD: 30 mV plus or minus 10 mV

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:900 volts

THRESHOLD: 30 mV plus or minus 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 1000 hrs.(*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