

## Ludlum Model 14C Survey Meter



### 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 m  
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 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 degrees F(-20 degrees C) to 122  
degrees F(50 degrees C)

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