

# Model 12 Survey Meter



Ludlum Measurements, Inc.



**PART NUMBER: 48-1609**

- COMPATIBLE DETECTORS:** G-M, proportional, scintillation  
**METER DIAL:** 0 - 500 cpm, 0 - 2.5 kV, BAT TEST (*others available*)  
**MULTIPLIERS:** X1, X10, X100, X1000  
**LINEARITY:** Reading within plus or minus 10% of true value with detector connected  
**CONNECTOR:** Series "C" (*others available*)  
**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 - 2500 volts (*can be read on meter*)  
**DISCRIMINATOR:** Adjustable from 1 - 100 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 2000 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 powdercoat  
**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