

# MODEL 14C Survey Meter



Part No.: 48-1611

- 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  $\pm 10\%$  of true value with detector connected  
**INTERNAL DETECTOR:** Energy compensated G-M (*used with X1000 scale only*)  
**ENERGY RESPONSE:** Within  $\pm 15\%$  of true value between 60 keV - 3 MeV  
(*internal detector only*)  
**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:** 900 V (*setting can be checked on meter*)  
**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 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 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