

**Ludlum Model 3-IS  
Intrinsically Safe  
Survey Meter**



**INDICATED USE:**

General purpose survey  
for normal and hazardous  
locations

**APPROVED**

**DETECTORS:** Models 44-2, 44-6, 44-9 and 44-38

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

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

**RANGE:** Typically 0-200 mR/hr, or 0-500,000 counts/minute (cpm)

**LINEARITY:** Reading within 10% of true value with detector  
connected

**SPECIAL CONNECTOR:** Locking series "C" (39 inch cable only )

**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 400 - 1000 volts

**THRESHOLD:** Fixed at 40 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 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 powder-coat

**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

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