

**MODEL 44-38  
ENERGY COMPENSATED  
GEIGER-MULLER  
DETECTOR**



**PART NUMBER:47-1588**

**INDICATED USE:** Beta gamma survey

**DETECTOR:** 30 mg/square cm stainless steel wall halogen quenched G-M

**SENSITIVITY:** Typically 1200 cpm/mR/hr (*Cs-137 gamma* )

**BETA CUT OFF:** Approximately 200 keV (*window open* )

**ENERGY RESPONSE:** Within plus or minus 15% of true value from 50 keV - 1.25 MeV

**DEAD TIME:** Typically 95 microseconds

**COMPATIBLE INSTRUMENTS:** General purpose survey meters, ratemeters, and scalers

**OPERATING VOLTAGE:** 900 volts

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

**CONSTRUCTION:** Anodized aluminum housing with rotary beta window

**TEMPERATURE RANGE:** 5 degrees F(-15 degrees C) to 122 degrees F(50 degrees C)

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

**SIZE:** 1.3" (3.3 cm) diameter X 6.5" (16.5 cm)L

**WEIGHT:** 1 lb (0.5kg)

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