

LUDLUM MODEL 44-6 Thin Wall Geiger-Muller Detector

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: Energy dependant

DEAD TIME: Typically 95 microseconds

COMPATIBLE INSTRUMENTS: General purpose survey meters,
ratemeters, and scalars

OPERATING VOLTAGE: 900 volts

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

CONSTRUCTION: 1000 mg/square cm polished stainless steel
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: 1.2" (3.0 cm) diameter X 6.5" (16.5 cm)L

WEIGHT: 1 lb (0.5kg)

