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Your Alternative
To The Obvious

Model 44-92 Beta Gamma Detector



Specifications

INDICATED USE: low-level beta gamma survey and personnel contamination checks

SUGGESTED INSTRUMENTS: Ludlum Models 12, 2000, 2200, 2221, 2350-1, 177-61

CONNECTOR: series "C" (others available)

DETECTOR TYPE: sealed, xenon gas proportional

SENSITIVITY: 60 cps per uSv/hr (Co-60 gamma)

WINDOW: 6.0 mg/cm² titanium

WINDOW AREA: active 169 cm²; open 140 cm²

EFFICIENCY (4π): 10% for 14C; 13% for 99Tc; 24% for 36Cl; 26% for 90Sr/90Y; 3% for 129I;
1.6% for 57Co; 1.2% for 55Fe; 10% for 239Pu

OPERATING VOLTAGE: typically 1350–1600 volts

COUNTER THRESHOLD SETTING: typically 1.5 mV

CONSTRUCTION: aluminium and brass

TEMPERATURE RANGE: -20 to 50 °C may be certified to operate at -40 to 65 °C

SIZE: 8.6 x 11.9 x 24.6 cm (H x W x L)

WEIGHT: 0.6 kg