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Your Alternative
To The Obvious

Model 44-40 Alpha Beta Gamma Detector



INDICATED USE: Alpha, beta, gamma survey; sample counting

DETECTOR: Pancake type halogen quenched GM

WINDOW: 1.7 ± 0.3 mg/cm² mica

WINDOW AREA: 15 cm² active, 12 cm² open

EFFICIENCY (4pi): 5%⁻¹⁴C; 22%⁻⁹⁰Sr/⁹⁰Y; 19%⁻⁹⁹Tc; 32%⁻³²P; 15%⁻²³⁹Pu

SENSITIVITY (¹³⁷Cs gamma): 3300 cpm/mR/hr

ENERGY RESPONSE: Energy dependant

BACKGROUND: 25 cpm

DEAD TIME: 80 microseconds

OPERATING VOLTAGE: 900 volts

CONSTRUCTION: Painted lead housing*

SIZE: 4.5" H x 4" W x 6.5" L (11.4 x 10.2 x 16.5 cm)

WEIGHT: 5.5 lb (2.5 kg)

*Model 44-20-2 with aluminium-cased lead shield is also available