

PYCKO SCIENTIFIC LIMITED

31 London Road, Grantham, NG31 6EX
Telephone 01476 401992
e-mail: bill@pycko.co.uk
www.pycko.co.uk

Your Alternative
To The Obvious

Model 44-7 Alpha Beta Gamma Detector



Specifications

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

DETECTOR TYPE: end window, halogen-quenched GM

WINDOW: 1.7 + 0.3 mg/cm² mica

WINDOW AREA: 6 cm² (0.93 in²) active; 5 cm² (0.78 in²) open

EFFICIENCY (4 π): 2%⁻¹⁴C; 10%⁻⁹⁰Sr/⁹⁰Y; 7%⁻⁹⁹Tc; 7%⁻²³⁹Pu

SENSITIVITY (¹³⁷Cs gamma): 2100 cpm/mR/hr

ENERGY RESPONSE: energy dependent

BACKGROUND: 40 cpm

DEAD TIME: 250 microseconds

OPERATING VOLTAGE: 900 volts

CONSTRUCTION: anodized aluminium housing

SIZE: 4.6 x 14.7 cm (1.8 x 5.8 in.) (Dia x L)

WEIGHT: 0.5 kg (1 lb)