

MODEL 44-94

DIAMOND CLUSTER PANCAKE G-M

*The Model 44-94 is a
4 pancake diamond cluster
G-M detector for
contamination survey*



INDICATED USE: Alpha beta gamma survey

DETECTOR: 4 ea. pancake type halogen quenched G-M

WINDOW: 1.7 ± 0.3 mg/cm² mica

WINDOW AREA: 62 cm² active; 50 cm² open

EFFICIENCY(4pi geometry): Typically 5%^{-14C}; 23%^{-90Sr/90Y}; 19%^{-99Tc}; 33%^{-32P}; 15%^{-239Pu}

SENSITIVITY: Typically 13,200 cpm/mR/hr

BACKGROUND: 240 cpm

ENERGY RESPONSE: Energy dependent

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

OPERATING VOLTAGE: 900 volts

CONSTRUCTION: Black ABS plastic with anodized aluminium back and stainless steel protective screen
(79% open)

May be certified for operation from -40° C to 65° C

SIZE: 8.9 x 11.4 x 19.8 cm

WEIGHT: 0.9 kg