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Your Alternative
To The Obvious

MODEL 43-92 ALPHA SCINTILLATOR

*The Model 43-92 is an alpha scintillator.
With an active area of 100 cm², a slim,
low-profile body, and a low background count rate,
this detector is good for surveys
for alpha contamination.*



INDICATED USE:	Alpha contamination survey
SCINTILLATOR:	ZnS(Ag)
WINDOW:	0.8 mg/cm ² recommended for outdoor use
WINDOW AREA:	Active - 100 cm ² Open - 89 cm ²
EFFICIENCY (4pi geometry):	Typically 20% - ²³⁹ Pu
NON-UNIFORMITY:	Less than 10%
BACKGROUND:	Alpha - 3 cpm or less
COMPATIBLE INSTRUMENTS:	General purpose survey meters, ratemeters, and scalers
TUBE:	1.125"(2.9cm) diameter magnetically shielded photomultiplier
OPERATING VOLTAGE:	Typically 500 - 1200 volts
DYNODE STRING RESISTANCE:	100 megohm
CONNECTOR:	Series "C" (others available)
CONSTRUCTION:	Aluminium housing with beige powdercoat finish
TEMPERATURE RANGE:	-20°C to 50°C May be certified to operate from -40°C to 65°C
SIZE:	8.1 cm H X 8.9 cm W X 31 cm L
WEIGHT:	0.5kg