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Your Alternative
To The Obvious

MODEL 44-17 **LOW ENERGY GAMMA SCINTILLATOR**

The Model 44-17 is a low energy gamma scintillator with a 2" X 2mm NaI(Tl) crystal that can be used with several different instruments including survey meters, scalars, ratemeters, and alarm ratemeters



INDICATED USE:	¹²⁵ I and x-ray survey
SCINTILLATOR:	2" (5.1 cm) diameter X 2mm thick sodium iodide (NaI)Tl scintillator
RECOMMENDED ENERGY RANGE:	Approximately 10 - 200 keV
BACKGROUND:	Typically 140 cpm/microR/hr
EFFICIENCY(4pi geometry):	Typically 20% - ¹²⁵ I
ENERGY RESPONSE:	Energy dependent
COMPATIBLE INSTRUMENTS:	General purpose survey meters, ratemeters, and scalars
TUBE:	1.5:(3.8cm) diameter magnetically shielded photomultiplier
OPERATING VOLTAGE:	Typically 500 - 1200 volts
DYNODE STRING RESISTANCE:	100 megohm
CONNECTOR:	Series "C" (<i>others available</i>)
CONSTRUCTION:	Aluminium housing with beige polyurethane enamel paint
TEMPERATURE RANGE:	-20° C to 50° C May be certified to operate from -40° C to 65° C
SIZE:	6.7 cm diameter x 22.9 cm L
WEIGHT:	0.7kg