MODEL 44-2
GAMMA SCINTILLATOR

The Model 44-2 is a 1" X 1"
NaI(Tl) Gamma Scintillator
that can be used with several
different instruments including
survey meters, scalers, ratemeters,
and alarm ratemeters

INDICATED USE: High energy gamma detection
SCINTILLATOR: 1" (2.5 cm) diameter X 1" (2.5 cm) thick sodium iodide
(NaI)Tl scintillator
SENSITIVITY: Typically 175 cpm/microR/hr (137Cs)
COMPATIBLE INSTRUMENTS: General purpose survey meters,
ratemeters, and scalers
TUBE: 1.5:(3.8cm) diameter magnetically shielded photomultiplier
OPERATING VOLTAGE: Typically 500 - 1200 volts
DYNOODE STRING RESISTANCE: 100 megohm
CONNECTOR: Series "C" (others available )
CONSTRUCTION: Aluminum housing with beige polyurethane enamel
paint
TEMPERATURE RANGE: -4° F(-20° C) to 122° F(50° C)
May be certified for operation from -40° F(-40° C) to 150° F(65° C)
SIZE: 2" (5.1 cm) diameter X 7.3" (18.5 cm)L
WEIGHT: 1 lb (0.5kg)