MODEL 44-10
GAMMA SCINTILLATOR

The Model 44-10 is a 2" X 2" 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: 2" (5.1 cm) diameter X 2" (5.1 cm) thick sodium iodide (NaI)Tl scintillator
SENSITIVITY: Typically 900 cpm/microR/hr (137Cs)
ENERGY RESPONSE: Energy dependent
COMPATIBLE INSTRUMENTS: General purpose survey meters, ratemeters, and scalers
TUBE: 2"(5.1cm) diameter magnetically shielded photomultiplier
OPERATING VOLTAGE: Typically 500 - 1200 volts
CONNECTOR: Series "C" (others available)
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: 6.6 cm diameter X 27.9 cm L
WEIGHT: 1.04kg