

MODEL 44-20 Gamma Scintillator

PART NUMBER:47-1104

The Model 44-20 is an integral 3" X 3" NaI(Tl) gamma scintillator that can be used with several different instruments including survey meters, scalars, ratemeters, and alarm ratemeters



INDICATED USE: High energy gamma detection

SCINTILLATOR: 3" (7.6 cm) diameter X 3" (7.6 cm) thick sodium iodide (NaI)Tl scintillator

SENSITIVITY: Typically 2300 cpm/microR/hr (¹³⁷Cs)

ENERGY RESPONSE: Energy dependent

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

TUBE: 3"(7.6cm) diameter magnetically shielded photomultiplier

OPERATING VOLTAGE: Typically 500 - 1200 volts

DYNODE STRING RESISTANCE: 60 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 to operate from -40° F(-40° C) to 150° F(65° C)

SIZE: 3.3" (8.3 cm) diameter X 11.3" (28.7 cm)L

WEIGHT: 3.7 lb (1.7kg)

Ordering Info.

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