

MODEL 44-10 Gamma Scintillator



Ludlum Measurements, Inc.



Part Number: 47-1540

INDICATED USE: Gamma Detection

SCINTILLATOR: 2" (5.1 cm) diameter X 2"(5.1cm) thick Sodium Iodide(NaI) scintillator

ENERGY RESPONSE: Energy-dependent

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

TUBE: 2"(5.1cm) diameter magnetically shielded photomultiplier

OPERATING VOLTAGE: Typically 500 - 1500 volts

DYNODE STRING RESISTANCE: 600 megohm

CONNECTOR: Series "C" (others available)

CONSTRUCTION: Aluminum housing with beige powdercoat finish

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: 2.6" (6.6 cm) diameter X 11" (27.9 cm)L

WEIGHT: 2 lb (0.9kg)