

Model 44-26

A/B/G Foot Monitor Detector



Ludlum Measurements, Inc.



(two views shown)

Specifications

Part Number: 47-1509

INDICATED USE: alpha, beta, gamma foot monitor

SUGGESTED INSTRUMENTS: typically used with alarm ratemeters

DETECTOR TYPE: 3 pancake-type, halogen quenched GMs

SENSITIVITY: typically 9900 cpm/mR/hr

BACKGROUND: 180 cpm

WINDOW: 1.7 ± 0.3 mg/cm² mica

WINDOW AREA: 46 cm² (7.1 in²) active; 27 cm² (4.2 in²) open

EFFICIENCY (4 π): typically 5% for ¹⁴C; 22% for ⁹⁰Sr/⁹⁰Y; 19% for ⁹⁹Tc; 32% for ³²P; 15% for ²³⁹Pu

ENERGY RESPONSE: energy dependent

OPERATING VOLTAGE: 900 volts

CONSTRUCTION: aluminum housing with beige powder coat

TEMPERATURE RANGE: -15 to 50 °C (5 to 122 °F); may be certified for -40 to 65 °C (-40 to 150 °F)

CONNECTOR: series "C" (others available)

SIZE: 27.4 x 17.8 x 22.9 cm (10.8 x 7 x 9 in.) (H x W x L)

WEIGHT: 2 kg (4.4 lb)

Model 44-25

Alpha/Beta/Gamma Hand Monitor
Part Number 47-1508

Also Available

Model 44-25: Part Number 47-1508)

a Gamma Foot Monitor Detector

This instrument uses 2 pancake-type, halogen quenched GMs. The size and shape were designed to provide easy surveying and monitoring of the hands of personnel, and to serve as adjunct detector to Model 44-26.

