

Model 44-25

A/B/G Hand Monitor Detector



Ludlum Measurements, Inc.



(two views shown)

Specifications

Part Number: 47-1508

INDICATED USE: alpha, beta, gamma survey of hands

SUGGESTED INSTRUMENTS: general purpose survey meters, ratemeters, and scalers

DETECTOR TYPE: 2 pancake-type, halogen quenched GMs

SENSITIVITY: typically 6600 cpm/mR/hr

BACKGROUND: 120 cpm

WINDOW: 1.7 ± 0.3 mg/cm² mica

WINDOW AREA: 31 cm² (4.8 in²) active; 18 cm² (2.8 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, stainless steel protective screen

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: 24.1 x 15.2 x 19.8 cm (9.5 x 6.0 x 7.8 in.) (H x W x L)

WEIGHT: 1.5 kg (3.3 lb)

Model 44-26

Alpha/Beta/Gamma Foot Monitor
Part Number 47-1509

Also Available

Model 44-26: Alpha Beta Gamma Foot Monitor Detector

This instrument uses 3 pancake-type, halogen quenched GMs. The size and shape were designed to provide easy surveying and monitoring of the feet of personnel, and to serve as adjunct detector to Model 44-25.



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Note: specifications subject to change without notification. We are not responsible for errors or omissions.

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