

Model 3276 H&F

Low-Cost Hand & Foot Monitor System



Ludlum Measurements, Inc.

Features

- Simple Setup and Use
- User-Adjustable Alarms
- User-Programmable Units of Measure. Either English or SI Units
- Standard Alkaline (4) "AA" Battery Power
- Measure Alpha, Beta, and Gamma Contamination

Model 3276 Multipurpose Digital Meter

Part Number: 48-4160

Features user-adjustable alarms, user-programmable units of measurement in either English or SI units

LCD: 3-digit backlight with 20 mm (0.8 in.) digits, (k)cps, (k)cpm, (k)Bq, (k)dpm, (μ)(m)R/(h), (μ)(m)Sv/(h), low-battery indicator, MAX, ALARM, AUDIO, USB

POWER: 4 alkaline AA batteries with approximately 50 hours expected life or 100-250 VAC at 50-60 Hz using interchangeable prongs

SIZE: (H x W x L): 16.5 x 11.4 x 21.6 cm (6.5 x 4.5 x 8.5 in.)



a.

a. Model 3276 • Part Number : 48-4160



b.

b. Model 3276 Hand & Foot Monitor • Part Number: 48-4160-2

Introduction

The Model 3276 is a versatile instrument that can be used for multiple radiation detection purposes. In this configuration, the Model 3276 is connected to both a Model 44-25 hand monitor detector and a Model 44-26 foot monitor detector to monitor personnel for alpha, beta, and gamma contamination. An optional Model 44-9 detector can also be included for frisking.

Model 44-25 (Hand)

Part Number: 47-1508

APPLICATION: Alpha, beta, gamma survey of hands

DETECTOR TYPE: 2 pancake-type, halogen-quenched GM tubes

WINDOW (ACTIVE): 31 cm² (4.8 in²)

SENSITIVITY: typically 6600 cpm per mR/hr

SIZE (H x W x L): 24.1 x 15.2 x 19.8 cm (9.5 x 6 x 7.8 in.)

Model 44-26 (Foot)

Part Number: 47-1509

APPLICATION: Alpha, beta, gamma survey of foot/shoe

DETECTOR TYPE: 3 pancake-type, halogen-quenched GM tubes

WINDOW (ACTIVE): 46 cm² (7.1 in²)

SENSITIVITY: typically 9900 cpm per mR/hr

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

Model 44-9 (Optional Frisker)

Part Number: 47-1539

APPLICATION: Alpha, beta, gamma survey

DETECTOR TYPE: Pancake-type, halogen-quenched GM tubes

WINDOW (ACTIVE): 15.5 cm² (2.4 in²)

SENSITIVITY: typically 3300 cpm per mR/hr

SIZE (H x W x L): 4.6 x 6.9 x 27.2 cm (1.8 x 2.7 x 10.7 in.)