

## Model 3276 H&F Low Cost Hand and Foot Monitor

### Features

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



Model 3276



Model 3276  
Hand & Foot  
Monitor

### 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 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 backlit with 20 mm (0.8 in.)

digits, (k)cps, (k)cpm, (k)Bq, (k)dpm,

( $\mu$ )(m)R(/h), ( $\mu$ )(m)Sv(/h), lowbattery

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.)

#### Model 44-25 (Hand)

Part Number 47-1508

- Alpha, beta, gamma survey of hands
- 2 pancake-type, halogen-quenched GM tubes
- Window (active): 31 cm<sup>2</sup> (4.8 in<sup>2</sup>)
- 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

- Alpha, beta, gamma survey of foot/shoe
- 3 pancake-type, halogen-quenched GM tubes
- Window (active): 46 cm<sup>2</sup> (7.1 in<sup>2</sup>)
- 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 (Frisker)

Part Number 47-1539

- Alpha, beta, gamma survey
- Pancake-type, halogen-quenched GM tube
- Window (active): 15.5 cm<sup>2</sup> (2.4 in<sup>2</sup>)
- 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.)

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## Configurations

### Model 3276 H&F

Part Number 48-4160-2

Includes:

- Model 3276 Multipurpose Digital Meter
- Model 44-25 Hand Monitor Detector
- Model 44-26 Foot Monitor Detector

### Model 3276 H&F with Frisker

Part Number 48-4160-1

Includes:

- Model 3276 Multipurpose Digital Meter
- Model 44-25 Hand Monitor Detector
- Model 44-26 Foot Monitor Detector
- Model 44-9 Alpha-Beta-Gamma Detector
- Model 296 Switchbox

## Option

**The Pancake Geiger arrangement can be replaced by either a Alpha (100cm<sup>2</sup> Model 43-93 probe x 2) or Beta (100cm<sup>2</sup> Model 44-142 x 2) Scintillation**