

# Model 2401-EW

## Alpha Beta Gamma Count Ratemeter



Ludlum Measurements, Inc.

### Features

- Integrated Meter with End-Window GM Tube
- Simple to Use
- Low Cost
- Rugged
- CE Certified

### Introduction

The Model 2401-EW is a general purpose, self-contained, pocket size radiation detection meter that quickly and easily measures ionizing radiation. It employs an end-window type GM detector conveniently packaged inside the instrument, with a protective screen covering located along the middle of the top end of the instrument. The meter presents two scales: CPM for contamination measurements, and mR/hr for exposure rate.



Part Number: 48-2874

### Specifications

**INDICATED USE:** alpha, beta, gamma survey

**DETECTOR:** 1.4 cm (0.57 in.) diameter end-window GM

**RANGE:** 0–200 mR/hr; 0–210,000 cpm

**SENSITIVITY:** typically 1050 cpm/mR/hr (<sup>137</sup>Cs gamma)

**ENERGY RESPONSE:** energy dependent

**RESPONSE TIME:** typically 11 seconds from 10% to 90% of final reading

**METER DIAL:** 0–2 mR/hr; 0–2100 kcpm, BAT OK

**MULTIPLIERS:** x1, x10, and x100

**AUDIO:** click-per-event, may be turned off by moving selector to QUIET position

**POWER:** 9 volt battery

**BATTERY LIFE:** typically 250 hours with alkaline battery at normal background levels

**CONSTRUCTION:** drawn and cast aluminum, with membrane panel

**SIZE:** 4.6 x 8.4 x 13.5 cm (1.8 x 3.3 x 5.3 in.) (H x W x L)

**WEIGHT:** 0.4 kg (0.9 lb), including battery

**ALARM:** no

### Options

Belt Clip (Model L-4397-176), metal clip

Handle (Model L-4397-165-01), convenient L-shaped handle

Case (Model L-2310517), zippered nylon case with web belt loop

Case (Model L-2311119), rugged water, dust, & crush resistant case

Wrist Strap (Model L-4397-182), woven nylon lanyard with clip

Model 2401-EWA: same as Model 2401-EW, but with audible & visual alarm



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

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