

# Model 2401-EC2 Gamma Survey Ratemeter

*Radiation Detection for a Safer World*



Ludlum Measurements, Inc.

## Features

- Self-Contained Survey Instrument
- Energy Compensated GM Tube
- Simple to Use
- Low Cost
- Rugged
- CE Certified

## Introduction

The Model 2401-EC2 instrument is a self-contained, pocket size radiation detection meter that quickly and easily measures ionizing radiation. It employs an energy-compensated GM detector conveniently packaged inside the instrument. The meter measures 0–2 R/hr exposure rate. The metal case offers excellent protection against abuse. The overall size and integrated design facilitate ease of use.



Part Number: 48-2885

## Specifications

INDICATED USE: gamma survey  
DETECTOR: energy compensated GM  
RANGE: 0–2 R/hr  
SENSITIVITY: typically 100 cpm/mR/hr (<sup>137</sup>Cs gamma)  
ENERGY RESPONSE: reading within 20% of true value  
RESPONSE TIME: typically 11 seconds from 10% to 90% of final reading  
METER DIAL: 0–20 mR/hr; 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-EC2A: same as Model 2401- EC2, but with audible & visual alarm

