

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 120 cpm/mR/hr (¹³⁷Cs 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

