

Model 2401-EC2 Gamma Survey Ratemeter



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 (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

