

## Model 2401-S microR Pocket-Size Survey Meter

### Features

- Self-Contained Survey Instrument
- Internal Scintillator Detector
- Audible & Visual Alarms
- Simple to Use
- Low Cost
- CE Certified

### Introduction

The Model 2401-S is a pocket sized, self contained survey meter with an analog display for measuring low-level gamma exposure. The unit uses a cesium iodide (CsI) detector integrated inside the instrument, and comes with a built-in audio and visual alarm. The metallic case, convenient size, and low price make this an ideal tool for checking ambient levels in a wide variety of applications.

Each time the Model 2401-S is turned on, it measures background radiation levels and automatically determines the alarm setting. If the radiation levels exceed this setting, the alarm audio will beep every 1/8 second and the lamp will flash.



### Specifications

Part Number: 48-3117

**INDICATED USE:** low-level gamma and X-ray survey

**DETECTOR:** 18 mm diameter cesium iodide (CsI) scintillation crystal

**RANGE:** 0 to 50  $\mu\text{Sv/h}$  (0–5000  $\mu\text{R/hr}$ )

**SENSITIVITY:** 100 cpm per  $\mu\text{R/hr}$  ( $^{137}\text{Cs}$ )

**ENERGY RESPONSE:** energy dependent

**METER DIAL:** 0–50  $\mu\text{R/hr}$ , BAT OK; others available

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

**RESPONSE TIME:** typically 5 seconds from 10% to 90% of final reading

**ALARM:** Detected radiation in excess of the alarm point will trigger a red Alarm LED and audible beep, whether in NORMAL or QUIET operating mode.

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

**POWER:** one 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

### 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



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