Model 78 Stretch Scope Exposure Ratemeter



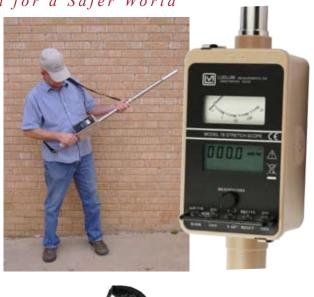
Radiation Detection for a Safer World

Features

- 0.1 mR/hr to 1000 R/hr (Sv version available)
- 1.2 m (4 ft) to 3.7 m (12 ft) Telescoping Stainless Pole
- Dual Analog/Digital Display
- Splashproof Buttons
- Energy Compensated GM Detectors

Introduction

The Model 78 Stretch Scope keeps the user a safe distance from high rad areas, and reaches areas difficult to access with other probes. The wide detection range is accomplished using dual energy-compensated GM detectors. The backlit digital LCD delivers precise 4-digit measurement values, which can be programmed to display units of R or Counts, and is accompanied by icons and messages for operational status of the instrument. Rate changes are conveniently viewed on the accompanying analog meter. Clip-on shoulder strap is included.





Part Number: 48-2832 (shown with optional headset)

Specifications

WORKING ENVIRONMENT: splashproof shields for outdoor use DETECTORS: 2 energy-compensated GM tubes ENERGY RESPONSE: within 25% of true value from 60 keV-3 MeV DISPLAY: 4-digit LCD display with 1.3 cm (0.5 in.) digits, and 6.4 cm (2.5 in.) analog meter DISPLAY RANGE: 000.0-999.9 with indicators of mR/hr and R/hr (Sv display also available) BACKLIGHT/RESET: temporary action 2-position toggle switch to turn backlight on for preset time, or zero meter and display METER DIAL: 0-1k 4-decade logarithmic RANGE SELECTION: 2-position toggle switch to select between mR/hr and R/hr LINEARITY: reading within 10% of true value AUDIO: built-in click-per-event audio with ON/OFF switch RESPONSE: dependent on number of counts present: typical times FAST 4-25 seconds, or SLOW 4-60 seconds, from 10% to 90% of final reading POWER: 2 "D" cell batteries (housed in sealed handle) BATTERY LIFE: typically 250 hours with alkaline batteries (low battery indicated on display) METER: 6.4 cm (2.5 in.) arc, 1 mA analog type CONSTRUCTION: aluminum housing with beige powder coat paint, and polished stainless steel telescope TEMPERATURE RANGE: -20 to 50 °C (-4 to 122 °F) SIZE: 18 x 10.1 x 114 cm retracted; 396.2 cm fully extended (7 x 4 x 45 in. retracted; 156 in. fully extended) (H x W x L, fully extended L) WEIGHT: 2.9 kg (6.4 lb), including batteries Also Available

Model 78-1: same as above, but in Sv units (1 µSv/h to 10,000 mSv/h), Part No. 48-3743