Model Rad 100™

The RAD 100™ is a general purpose geiger counter that measures alpha, beta, gamma, and X-radiation. It is in-

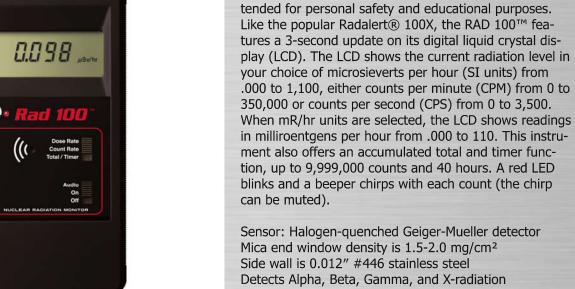
Radiographic Survey Meters

model Rad 100tm



Features:

- Display- 4 digit liquid crystal display with mode indicators
- Monitor personal radiation exposure
- Monitor an area or perimeter
- Detect radiation leaks and contamination
- Ensure regulatory compliance
- Meets CE Certification, RoHS compliant and WEEE standards
- Demonstrate principles of nuclear physics
- Check for radioactive minerals in the earth
- Size: 150 x 80 x 30 mm (5.9" x 3.2" x 1.2") Weight: 225 grams (8.0 oz) w/battery



Accuracy: ±10% typical; ±15% maximum

Alert: No Alert feature. If your intended application requires a user-adjustable Alert, we recommend the

Radalert® 100X

Audio: Beeper chirps for each count (can be muted)

Calibration: Cesium 137 (gamma)

Count Light: Red LED flashes with each count

Operating Range: µSv/hr: .000-1,100 CPM: 0-350,000 mR/hr: .000-110 CPS: 0-3,500

Total: 0-9,999,000 counts Timer: up to 40 hours

Options: Computer software and cable available

Operation Manual: Rad 100 Manual

Ports: Output: Stereo 3.5 mm jack sends counts to computers, data loggers, other CMOS-compatible devices, and headphones, and educational data collection

systems.0-9 V, 1 kOhm impedance.

Input: Mono 2.5 mm jack provides calibration input.

0-3.3 V, >5 µs width, rising edge triggered.

Power: One 9-volt alkaline battery; average battery life is 2,000 hours typical, 700 hours minimum at normal background radiation levels at sea level. Battery life decreases as radiation level rises.

Gamma Sensitivity: 1,000 CPM/mR/hr referenced to Cs-137



