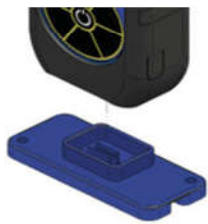


# Model Monitor 200

Radiographic Survey Meters

**model**  
Monitor 200



Ruggedized boot and Stand included



## Features:

- Backlit Graphic LCD
- Sounds with each count (can be switched off for silent operation)
- Anti-Saturation-Readout will hold at full scale in radiation fields as high as 100 times the maximum reading.
- Requires 2 AA alkaline batteries
- Includes carrying case, Extreme Boot, Stand, Mini-USB cable, Observer USB Software download, Certificate of Conformance
- Limited 1 year warranty



## Monitor 200 Handheld Digital Radiation Alert® Detector

The Monitor 200 measures alpha, beta, gamma, and x-rays. Its digital display shows readings in your choice of counts per minute (CPM), CPS,  $\mu\text{Sv/hr}$ , or  $\text{mR/hr}$ , or in accumulated counts. It has a digital display, a red count light, and a beeper that sounds with each count detected. Other features include an adjustable timer, and selectable alert. With the free Observer USB Software Family, you can set computer alarms, calibrate your instrument, and download your collected data from the internal memory for easy reporting.

### Detector

Halogen-quenched GM tube with thin mica end window. Mica window density 1.5-2.0  $\text{mg/cm}^2$ . Effective window diameter is .360 inch. Side wall is .012 inches thick.

### Operating Range

$\text{mR/hr}$  - .001 ( $1\mu\text{R}$ ) to 200  $\text{mR/hr}$

$\mu\text{Sv/hr}$  - .01 to 2000

CPM - 0 to 214,000

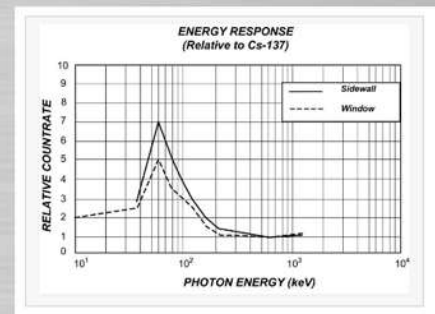
CPS - 0 to 3,575

Total/ Timer - 1 to 9,999,000 counts

### Accuracy

$\pm 10\%$  typical (NIST), Typically  $\pm 15\%$  of reading.

- Detects alpha down to 2.5 MeV; typical detection efficiency at 3.6 MeV is greater than 80%.
- Detects beta at 50 keV with typical 35% detection efficiency.
- Detects beta at 150 keV with typical 75% detection efficiency.
- Detects gamma and x-rays down to 10 keV typical through the window, 40 keV



**Arrow-Tech**

www.dosimeter.com