RADIATION ALERT

Monitor 200

NEW
Bluetooth Option.
Observer App &
Rad Responder
Compatible.

The Monitor 200 measures alpha, beta, gamma, and x-rays. Its digital display shows readings in your choice of CPM, CPS, µSv/hr, 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 mg/cm2. Effective window diameter is .360 inch. Side wall is .012 inch thick.

Operating Range

mR/hr - .001 (1µR) to 200 mR/hr
µSv/hr - .01 to 2000
CPM - 0 to 214,000
CPS - 0 to 3575
Total/Timer - 1 to 9,999,000 counts

Accuracy

Typically ±15% of reading. ±10% typical (NIST)

Alarm

Internally mounted beeper
(can be switched off for silent operation)

Count Light

Red LED flashes with each count.

Outputs

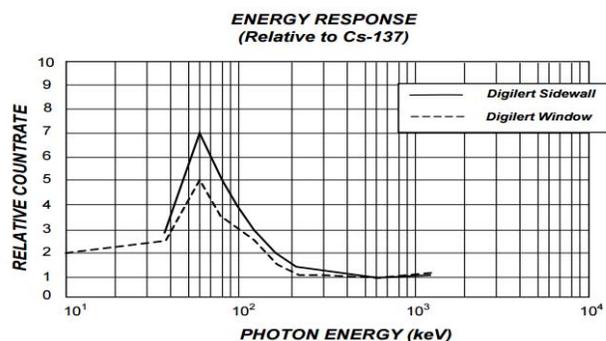USB and Bluetooth 4.1 for use with included Observer Software and Apps (RadResponder Ready)

Size

3.5 X 2.7 X 1.3 in. (140 X 68 X 33 mm)

Energy Sensitivity

1070 CPM/mR/hr referenced to Cs137
• 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 minimum through the case.

ENERGY RESPONSE
(Relative to Cs-137)

Monitor 200

Display

Backlit Graphic LCD

Audio Indicator

Sounds with each count (can be switched off for silent operation)

Anti-Saturation

Meter will hold at full scale in fields as high as 100 times the maximum reading.
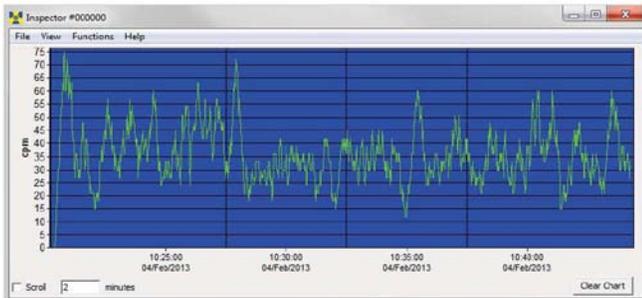
Power Requirements

Two AA alkaline batteries.

Includes

Carrying Case, Xtreme Boot, Stand, Mini-USB Cable, Observer USB Software Download, Certificate of Conformance

Limited Warranty

1 year limited warranty

LED Indicator — Backlit LCD Display

Alarm Button —
Audio Speaker —
Mode Button — Count Button
Backlight / Plus Button — Audio / Minus Button
Menu Button — USB Port

USB Observer Software collects data stored in the internal memory of the SEI Ranger

Ruggedized Boot and Stand included with every unit.

	NEW!	
	Monitor 200	Digilert 200
a ß y x	☑	☑
Alert	☑	☑
Internal Memory	☑	☑
Free Observer USB	☑	☑
GM Detector	Internal	Internal
Included Protective Boot	☑	
mR/hr	.001(1µR) to 200	.001(1µR) to 200
µSv/hr	- .01 to 2000	- .01 to 2000
mSv/hr	n/a	n/a
Counts Per Minute	0 to 214,000	0 to 214,000
Counts per Second	0 to 3575	0 to 3575

LAURUS SYSTEMS