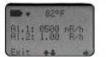
SENTINEL™ Radeye G

Portable Dose and Dose Rate Meter





Survey Meter Mode



Dose Rate Alarms



Dose Alarms

Digital Survey Meter

•Measuring range: 0.01 mR/h to 10 R/h

 $(0.1 \mu Sv/h \text{ to } 100 \text{ mSv/h})$

•Overload indication: 10 R/h up to 1000 R/h

(100 mSv/h up to 10 Sv/h)

•Energy range: 45 keV-1.3MeV

•Energy compensated GM Tube

Rate Alarm

- •Two programmable alarm thresholds for dose and dose rate
- •Selectable anywhere from 0.01 mR/h to 9999 mR/h
- •Audible, visual and vibrating alerts (Earphone optional)

Electronic Personal Dosimeter

- •Displays accumulated personal dose
- •Records mean/max dose rate
- •Records accumulated dose
- •PC-software for data analysis and instrument configuration (optional)
- •Audible, visual and vibrating alerts (Earphone optional)

Software

All settings and the data analysis can be done by an optional WindowsTM based PC-software and an accompanying reader device.

Features

- •Rugged and Reliable
- •Nylon holster or optional see-through holster
- •Removable rubber sleeve for extra protection
- •Water resistant
- •Low power technology (600 hour operation)
- •LCD Screen can be rotated 180°
- •Battery life indicator
- •Large display with backlight
- •Top alarm indication (Can be operated in holster)
- •PC-software with real-time graph
- •1600 data points (Allows retrospective analysis)
- •Adaptable user interface
- •Earphone output for noisy environments
- •Alarm relay output for area monitor applications

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DEVICE SPECIFICATIONS

| | DESCRIPTION |
|-------------------------|---|
| Radiation Type | Gamma and X-ray |
| Dimensions | 3.8 in x 2.4 in x 1.2 in |
| | (96 mm x 61 mm x 31 mm) |
| Weight | 5.64 oz (160 g) |
| Measuring Range | |
| Dose Rate | $0.01 \text{ mR/h to } 10 \text{ R/h } (0.1 \ \mu\text{Sv/h to } 100 \ \text{mSv/h})$ |
| Dose | 0.01 mR to 66 R (0.1 μSv to 66 mSv) |
| Energy Range | 45 keV - 1.3 MeV |
| Linear Accuracy | \pm 10% within measurement range |
| Power Requirements | 600 hour operation depending on mode |
| Batteries | 2 AAA alkaline or rechargeable |
| Data Management | 1600 data points (mean/max.) |
| Audible Alarm Intensity | >85 dB at a distance of 30 cm |
| Operating Temperature | -4° F to 122° F (-20° C to 50° C) |



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