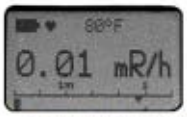
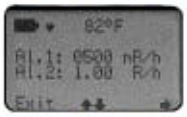
SENTINEL
YOUR KEY TO NDT

SENTINEL™ Radeye G

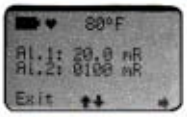
Portable Dose and Dose Rate Meter



Survey Meter Mode



Dose Rate Alarms



Dose Alarms

Digital Survey Meter

- Measuring range: 0.01 mR/h to 10 R/h (0.1 µSv/h to 100 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)

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

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 Windows™ based PC-software and an accompanying reader device.

Sales

SENTINEL™
QSA Global, Inc.
6765 Langley Drive
Baton Rouge, Louisiana 70809
USA

Telephone +1 225 751 5893
Toll Free +1 800 225 1383
Fax +1 225 756 0365 or
+1 225 751 8082

Manufacturing

SENTINEL™
QSA Global, Inc.
40 North Avenue
Burlington, Massachusetts 01803
USA

Telephone +1 781 272 2000
Toll Free +1 800 815 1383
Fax +1 781 273 2216

Email sales@SENTINELNDT.com

Website www.SENTINELNDT.com

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 Dose	 0.01 mR/h to 10 R/h (0.1 µSv/h to 100 mSv/h) 0.01 mR to 66 R (0.1 µSv to 66 mSv)
Energy Range	45 keV - 1.3 MeV
Linear Accuracy	± 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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