

Sentry

Alarming Dosimeter and Rate Meter



The Radiation Alert® Sentry Personal Alarming Dosimeter and Rate Meter is designed to ensure the personal safety of personnel that work in occupations with potential x-ray or gamma exposure. The pocket sized unit has built in memory for recording data points for the purpose of tracking exposure. The Sentry Software option enables you to generate incident reconstruction for analysis. The software also enables you to easily set the vibrating and audio alert to your desired levels for dose and dose rate. Use the audio switch to choose between an audible click with every count taken, or a discreet silent mode that can be augmented with the use of headphones.

Specifications

Detector:	Uncompensated "Peanut" GM Tube
Switch Functions:	<ul style="list-style-type: none"> • Audible Clicks On/Off • Vibrate and Audible Alert • Audible Only Alert
Operating Range:	Dose Rate: 0 - 15 R/hr Accumulated Dose: Effectively Unlimited
Dose Rate Linearity:	Better than + or - 15% up to 15 R
Audible Alarms:	<ul style="list-style-type: none"> • 90db @ 1 ft. • accumulated dose • dose rate
Alarm Thresholds:	Dose Alarm Default 500 mR Rate Alarm Default .5 R/hr Levels are user selectable with Optional Sentry Software.
Connectors:	Headphone Connector. Internal Serial Header connector
Power Requirements:	9 Volt Battery. Typical battery life is 1500 hrs at background.
Temperature Range:	-20 - + 50° C
Size:	3.8 x 2.4 x 1 in (96.5 x 70 x 25.4 mm)

