



SIMULATED ALARMING DOSIMETER

SD900 SERIES

The first of its kind in any industry simulated dosimeters offer the ability to produce dose and rate readings and associated alarms without using sources of any kind.

The SD900 works as a stand-alone unit or in conjunction with SP900 Probe Paks and Simulated Meters to accumulate dose as trainees obtain dose rate readings.



Radiation Training on Dose Will Never Be The Same

Training to use meters to measure dose rate is the cornerstone of radiation training. With the growth of alarming dosimeters in the workplace the training scope has expanded to include the understanding and acknowledgment of accumulated dose. No matter what type of dosimetry is used, employees need to learn what impact time spent in radioactive fields has on accumulated dose. After thorough explanation RATE versus DOSE is a concept best learned through hands-on demonstration. Our SD900 Simulated Alarming Dosimeter Simulator is designed specifically for that need. The SD900 is perfect for:

- Rad-worker training
- First responder training
- Emergency drill Field Team training
- Teaching ALARA and RATE vs. DOSE concepts
- General employee training
- Dose assessment drills

PREPARE
PROTECT
EDUCATE
INNOVATE





SD900 SIMULATED ALARMING DOSIMETER

The SD900 Simulated Alarming Dosimeter is the only instrument of its type in the industry. This simulator can stand alone or work in concert with the SP900 Probe Pak and Simulated Meter product lines to accumulate dose at the same varying rate as the simulator it is paired with. An SD900 paired with an SP900 Probe Pak or Simulated Meter comprise a simulator set. This pairing faithfully replicates accumulated dose independent of other paired simulator sets operating in the same common area.

The SD900 is designed to resemble a typical dosimeter. Its operating characteristics can be customized to reproduce alarm functions, patterns and tones specific to an original equipment manufacturer dosimeter. Variable dial remote controllers used to direct the SP900 Probe Paks and Simulated Meters are also used to direct the dosimeter. For example if a varying rate between ~ 1 mR/h and ~ 125 mR/h is sent via the remote controller to an SP900 or Simulated Meter, its paired SD900 also receives a continuous transmission of the varying rate between the same limits and accurately integrates accumulated dose accordingly. Alarms will be generated for exceeding both dose and dose rate at individually user-defined limits.

The SD900 presents the operation of a simulated radiation detection system unparalleled in radiation-related industries and brings to the forefront of radiation training a true “train like you work” standard.

Features of the SD900 include:

- Top mounted LCD display with uR, mR and R indicators. Sv units can be displayed as well
- Functions alone with a remote or in conjunction with SP900 Probe Paks and Simulated Meters
- Customized dose and rate alarm tones and patterns to match dosimeter manufacturer qualities
- Adjustable dose and rate alarm set points
- Operate multiple dosimeters with a single remote controller
- Tone option for indicating every mR accumulated
- Vibrating and visual LED alarm options
- TIMED mode to operate without a remote to achieve a dose alarm in a specific amount of time or at a pre-determined rate
- Battery capacity indicator
- Powered by standard AAA alkaline batteries
- Compact sized case with pocket clip



RADIATION TRAINING SIMULATORS

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