



SIMULATED ALARMING DOSIMETER

SD418 SERIES

The first of its kind in any industry, this simulated dosimeter offers the ability to produce dose readings and alarms without using sources of any kind.



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 abundance of alarming dosimeters in the workplace the training scope has expanded to the measurement and acknowledgment of accumulated dose. Even if you use pencil type pocket dosimeters there is a need to show trainees the impact of time spent in a radioactive field. Rate versus dose is a concept best demonstrated after being explained. We are introducing the first Simulated Alarming Dosimeter Simulator designed specifically for that need. 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





SD418 SIMULATED ALARMING DOSIMETER

The SD418 is the only simulator of its type in the industry. This simulated alarming dosimeter can stand alone or work in concert with the SP418 Probe Pak in a simulated scenario to accumulate dose. The SD418 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 model. In stand alone mode, an 8 pushbutton remote controller configured to your preferences is used to direct the dosimeter. Preset functions include:

- Direct the simulator to read a certain dose (up to 4 preset selections)
- Accumulate dose at a certain rate (up to 4 preset selections)
- Alarm after a particular amount of time (up to 2 preset selections)
- Alarm on Dose at the moment a pushbutton is pressed
- Alarm on Rate at the moment a pushbutton is pressed
- Stop integrating dose

These presets are designed to suit your particular training needs emphasizing the “train like you work” standard. Features of the SD418 include:

- Top mounted LCD display with mR and R indicators
- Functions alone with a remote or in conjunction with an SP418 Probe Pak
- Customized dose and rate alarm tones and patterns matching actual 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 dosimeter and remote controller
- Pocket clip



RADIATION TRAINING SIMULATORS

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