

teletrix

SIMULATED RADIATION PROBE PAKS

SP418 SERIES

r a d i a t i o n t r a i n i n g s i m u l a t o r s

Simulated probe paks offer the ability to produce apparent radiation readings on actual radiation meters without using sources of any kind.



The Training Bar Has Been Raised

The use of simulated radiation training equipment is the optimal way to train personnel to operate meters without exposure to live sources. The probe pak is the ideal choice when preference, budget or other concerns require the use of existing meter inventory. This simulator is designed to interface with your meter to provide a highly realistic scenario at a cost-effective price. A probe pak is attached to the high voltage output of a meter and operates via remote control. This configuration creates readings of simulated radiation. The probe paks are perfect for:

- Teaching frisking and survey techniques
- Teaching and evaluating instrument operation and use
- Emergency response and preparedness exercises
- HAZMAT, first responder and hospital emergency training
- Transportation and spill training
- WMD and dirty bomb scenarios
- Job performance qualifications

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SP418 SERIES PROBE PAKS

The SP418 Probe Pak is a training solution intended to work in conjunction with existing meter inventory. The probe pak attached to the high voltage detector input on an actual meter directs radiation readings via remote control. The simulated radiation readings displayed on the meter provide trainees with unprecedented realism to practical training without exposure to live sources. The training standard has been raised.

The only training solution of its type in the industry, this radio-controlled simulator operates independently or in concert with our SD418 Simulated Alarming Dosimeter. In stand-alone mode, a pushbutton remote controller sends a signal to the probe pak to generate one of eight user-specified rates (e.g. mR/h, CPM). The probe pak will maintain this rate magnitude until another button is pressed. There is no on-off switch on the probe pak as it is energized by sensing the high voltage at the meter. The probe pak uses a set of 2, AAA alkaline batteries for power and operates up to 20 hours on a set.

The palm-sized remote controller utilizes 8 pushbuttons to direct the actions of the probe pak. Each remote controller comes in various standard configurations and can be customized based on your needs. These customizations include:

- 8 preset values of CPM between 0 and 999,000 depending on the meter/probe combination
- 8 preset values of mR/h between 0 and 300 R/h depending on the meter/probe combination
- Other units of measurement such as Gy/h or Sv/h or CPS are also available

These presets are designed to suit your particular training needs emphasizing the “train like you work” standard. Features of the SP418 include:

- Durable garolite 1”x 4” cylindrical tube with connectors on each end placed directly inline between a probe and an instrument
- Travels between meters with the probe that it is designed for
- Compact size is unobtrusive to normal operations
- Proprietary radioactive decay rate count generation algorithm makes the generated readings realistic
- Operate multiple probe paks from a single remote
- Combine with multiple remotes for greater reading selection
- Compact size dosimeter and remote controller
- Operates on standard AAA alkaline batteries
- Use in conjunction with the SD418 Alarming Dosimeter Simulator

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