

teletrix

# SIMULATED RADIATION METERS

## TXR 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 radiation meters are model-specific replicas of actual meters. They produce apparent radiation readings in a dedicated training simulator package without using sources of any kind.

### Train Like You Work

Experience unprecedented realism in your training with Simulated Radiation Meters that mimic OEM equipment. Simulator functionality is identical to that of a model-specific meter without exposure to live sources.



Learning is enhanced as trainees respond to meter readings that they would only encounter during actual exposure. These dedicated training simulators are flexible working either in stand-alone mode or in concert with Simulated Alarming Dosimeters and Virtual Plumes software. The Simulated Radiation Meters 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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# SIMULATED RADIATION METERS

Simulated Radiation Meters are the cornerstone of our various simulator product lines. Considered dedicated training inventory these simulators replicate original equipment manufacturer models such as Eberline, Ludlum, Bicon, etc. Functionally equivalent to these actual meters the simulators respond to directed input from a remote controller. These simulators are strictly for training use, nothing about them is intended for actual radiation detection. This makes them well suited for training departments where actual meters may be removed for in-plant use at any unplanned moment leaving the instructors with less than full inventory potentially impacting training. Dedicated training simulators also aid the training department in that they are not required by plant procedure to be kept in calibration as actual meters are.

The simulated radiation readings displayed on the simulators provide trainees with unprecedented realism to practical training without exposure to live sources. Readings are not limited to low-level readings only as in programs that utilize real sources are, the entire indicating range of a meter is only a knob turn away via remote control without any exposure, yielding to the true spirit of ALARA. The training standard has been raised.

The only training solution of its type in the industry, the radio-controlled simulator operates independently or in concert with our SP900 Simulated Alarming Dosimeter and is adaptable to operating in concert with the Virtual Plumes Emergency Preparedness Drill software. The sturdy remote controller has a custom designed RF section that allows for independent operation of up to 8 different simulators in a common area on separate frequencies in the 900 MHz range.

The simulators replicate many popular models used today in plants and training organizations. Models include simulations of bench-mount friskers such as the RM-14, -20, -25 and L-177; ion chambers such as the RO-2, -2A, RSO-5, -50 and -500, Ludlum Model 9 and 17; handheld survey meters and friskers like the Ludlum Model 3, 12 and 14, Eberline E-120, -130, -140, -520, -530 and ASP-1, the Bicon Surveyor series, 2000, Tech 50, Radiographer and Analyst; Bicon and Ludlum  $\mu$ REM meters; Navy-specific meters; high-range Teletector and Johnson extended-probe models and more.

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Features of the simulated meters include:

- A dedicated remote controller comes with each simulator
- 8 simulators can be independently controlled in a common area
- Functioning beta windows and check sources are available
- Simulators and remote controllers use rechargeable NiMH battery packs
- Up to 100-foot operating range between a simulator and remote
- Continuous control of desired dose rates or count rates covering a meter's entire indicating range