



# TELETRIX RADIATION TRAINING SIMULATORS

## ALARA SUPPORT

The incorporation of ALARA philosophy and management support of ALARA into basic radiation protection training is compliance inspection and evaluation criteria. This criteria is best met thru the use of hands-on training using radiation-free simulators that support practical learning techniques and evaluation standards. The beneficial aspects of ALARA processes are brought to life in hands-on training



## Hands-On Radiation Training with Hardware Simulation Supports ALARA

Training on the use metering instrumentation to measure exposure levels and DOSE is the cornerstone of radiation training. The success of ALARA concepts and practices are enhanced when implemented thru realistic display to trainees. This implementation is best shown thru radiation-free demonstration with Teletrix Radiation Training Simulators. Job-related ALARA training is supported at the craftsman level without any exposure while maintaining the realism of the job environment. Teletrix simulators support operations that result in substantial individual and collective DOSE. Hands-on training with Teletrix simulators is ideally suited for:

- Training on ALARA compliance methods
- Illuminating the effects of exposure level reduction techniques
- Showing real-time effects of Time, Distance and Shielding
- Reduction of individual and collective DOSE to increase ALARA program effectiveness
- Reducing conditions and operations that cause significant exposures
- Demonstrating radiation measurement techniques with instrumentation
- Teaching RATE vs. DOSE concepts
- Improving free-release incident frequency
- Enhancing contamination control practices
- Showing the positive effects of traffic patterns that reduce exposure
- Demonstrating the effects of temporary shielding structures

**PREPARE  
PROTECT  
EDUCATE  
INNOVATE**



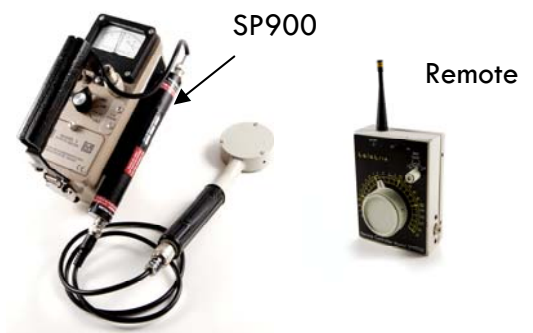


# TELETRIX RADIATION TRAINING SIMULATORS

**SIMULATED RADIATION METERS** are model-specific replicas of actual radiation meters. They produce apparent radiation readings in a dedicated training simulator package without the use of radioactive sources.



**SIMULATED RADIATION PROBE PAKS** offer the ability to produce apparent radiation readings on actual radiation meters without using radioactive sources. Teamed with variable remote controllers, readings are generated over the indicating range of a probe.

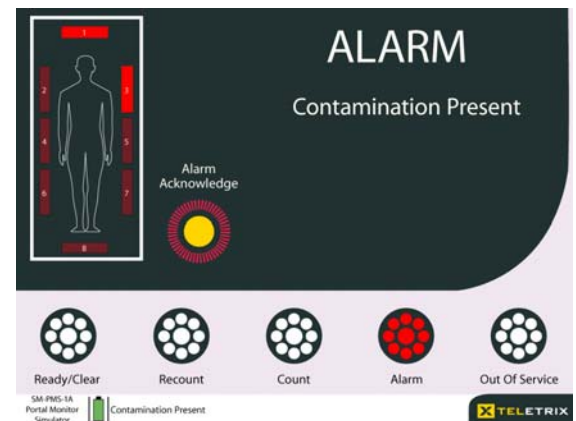


**SIMULATED ALARMING DOSIMETERS** are the first of their kind in any industry and offer the ability to produce dose and rate readings and associated alarms without using radioactive sources.

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.



**SIMULATED CONTAMINATION MONITORS** are ground-breaking additions to the radiation protection training loop. First of their kind model-specific replicas of actual SAM, PCM and Portal Monitors. Programmable and remotely controlled, each produces apparent radiation detection alarms without using radioactive sources.



RADIATION TRAINING SIMULATORS

412.798.3636 info@teletrix.com www.teletrix.com