

# SIMULATOR UPGRADE PROGRAM

## 3<sup>rd</sup> GENERATION 900 MHZ RADIO

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

### What is it?

- A fixed price program to update the electronics of any simulated meter we've produced since 1992. Keeping your inventory at state of the art without having to retool with new capital investment.
- A replacement of electronics to enhance the operation of the entire simulation method.
- An improvement of the radio transmission and reception reliability of simulator data.
- A service program designed to repair non-working simulators, regardless of condition, along with the upgrade.

Simulator RF Section  
Portion of the Upgrade



Remote Controller RF Section  
Portion of Upgrade

### Why Upgrade?

- Upgrades the 27 MHz AM radio section with a 900 MHz FM set to improve coverage, reliability, durability and flexibility. This FM radio alleviates most common issues associated with AM broadcast particularly in highly reflective or electrically noisy or confined spaces.
- Allows varying channel assignment to each simulator set with 8-channel user selectability allowing 8 simulator sets to be operated in common areas independent of each other. This also eliminates the fixed-frequency of previous generation simulators. Change frequencies as desired.
- Upgrades batteries to newer NiMH type yielding greater life and run time. You may also select the option of using alkaline batteries instead of NiMH in the simulators only.
- Upgrades battery chargers to NiMH compatibility.
- Allows only 2<sup>nd</sup> generation owner's that have simulators dating back to 1992 to upgrade meters at a discount versus buying new.
- Increases error detection capability and realism in count rate generation due to updates in microprocessor programming (applicable to models made prior to 1997).
- Allows for program funding from maintenance budget versus capital equipment budget.
- Economically updates any simulated meter to current technology.

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## 2<sup>nd</sup> to 3<sup>rd</sup> Generation Upgrade

- Applies only to simulators with 4-digit serial numbers starting with 1
- Retool Remote Controller case and replace electronics and antenna
- Replace Simulator antenna board with new 900 MHZ RF Module board
- Replace batteries with NiMH or Alkaline (Alkaline option is for simulator only) & supply compatible charger
- Work is warranted for manufacturer defect for 6 months
- **Priced at \$2,895 for any model except Teletector and Johnson Extender**



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