



Homeland Security

Science and Technology

Highlight

U.S. Department of Homeland Security



System Assessment and Validation for Emergency Responders

The U.S. Department of Homeland Security (DHS) established the System Assessment and Validation for Emergency Responders (SAVER) Program to assist emergency responders making procurement decisions.

Located within the Science and Technology (S&T) Directorate of DHS, the SAVER Program conducts objective assessments and validations on commercial equipment and systems, and provides those results along with other relevant equipment information to the emergency response community in an operationally useful form. SAVER provides information on equipment that falls within the categories listed in the DHS Authorized Equipment List (AEL). The SAVER Program mission includes:

- Conducting impartial, practitioner-relevant, operationally oriented assessments and validations of emergency responder equipment;
- Providing information that enables decision makers and responders to better select, procure, use, and maintain emergency responder equipment.

Information provided by the SAVER Program will be shared nationally with the responder community, providing a life- and cost-saving asset to DHS, as well as to federal, state, and local responders.

The SAVER Program is supported by a network of technical agents who perform assessment and validation activities. Further, SAVER focuses primarily on two main questions for the emergency responder community: "What equipment is available?" and "How does it perform?"

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<https://www.rkb.us/saver>

Handheld Radiation Survey Meters

Handheld radiation survey meters are portable instruments that measure the activity or the exposure rate from radioactive material. These meters are used where radioactivity is suspected to be present in order to locate and assess the intensity of the radioactivity. For example, handheld radiation survey meters may be used to screen suspicious packages, delineate the extent of contamination, or confirm radiation detected by another instrument.

As a SAVER Program Technical Agent, the National Urban Security Technology Laboratory (NUSTL) has conducted a comparative assessment of handheld radiation survey meters for the SAVER Program. Prior to the assessment, NUSTL conducted a market survey in order to provide information on commercially available equipment, and produced the *Handheld Radiation Survey Meter Market Survey Report*. A focus group was then conducted to identify equipment selection criteria for the assessment, determine evaluation criteria, and recommend assessment scenarios. Results can be found in the *Handheld Radiation Survey Meter Focus Group Recommendations* report.

All reports in the series, including the *Handheld Radiation Survey Meter Assessment Report*, will be located in the SAVER section of the RKB Web site (<https://www.rkb.us/saver>) as they become available. Information on other technologies being evaluated by the SAVER Program can also be found on the Web site.



Handheld Radiation Survey Meter