

SUPPORTING USAF CBRN READINESS

Realistic, safe, eco-friendly, and cost-effective CWA/HazMat and radiological simulators that empower you to deliver the high-quality training needed to ensure and verify an effective operational response during real emergencies how, where and when you want so that your teams can return home safely.

RADIOLOGICAL TRAINING SIMULATORS

NEW - RDS-SIM & PROBES (AN/PDR-83)

The Radiological Detection System (RDS) simulator enables your teams to run exercises without using ionizing sources. A wide range of simulation probes including FIDLER and Neutron will be available for use with the RDS simulation base unit, allowing you to train your teams in dose rate, inverse square law, shielding effects, survey and contamination monitoring and decontamination procedures.



ADM300A-SIM

Designed in collaboration with Mirion/Canberra to replicate the functionality of the ADM300A radiation survey meter, we use the actual body, display, sounder and switch panel of the real detector, to ensure all of the visual characteristics and user interfaces are replicated with 100% accuracy to provide the highest quality training.

Survey, doserate monitoring, inverse square law and shielding are all realistically simulated. A simulation Alpha probe will be available during 2025.



HRM-SIM

The HRM-SIM is an advanced simulator designed to replicate the Sensor Technology Engineering HRM detector. It detects simulation Gamma, Neutron, and Gamma + Neutron sources with precise sensitivity with realistic inverse square law $(1/r^2)$ response.





TRAIN - PREPARE - RESPOND

Argon CBRNe / HazMat training simulators provide you with the flexibility to run exercise scenarios to suit your needs. You can conduct training exercises inside public buildings, outside or a combination of both at any time, and under any weather condition - the scenario possibilities are endless and can be set up in minutes.

Simulate specific CWA and TICs, false positives, contamination, full/ partial decontamination and persistency. All our simulators are compatible with PlumeSIM, Argon's wide-area training system.

CHEMICAL TRAINING SIMULATORS

M4 A1 JCAD-SIM

The M4A1 JCAD-SIM is a high-fidelity simulator for the Smiths Detection M4A1 JCAD, enabling safe and effective training for chemical warfare and hazardous material scenarios incorporating identifiable CWAs and TICs.

Using an intuitive remote, instructors can adjust simulated environmental conditions like wind direction, temperature, and contamination levels, as well as simulate sieve pack depletion or unit failure, while our powerful after action review helps verify proficiency.



MULTIGAS-SIM

Argon's Generic MultiGAS-SIM is a highly configurable simulator that provides you with effective MultiGAS meter training.

Simulating up to six sensor types, including O2, HCN, PID and LEL, instructors can customize sensor configurations, display layouts and alarms to match operational MultiRAE™ Gas Monitor and TIC vapor detectors.

