

## CAMSIM

### Argon's CAMSIM simulation training system for the CAM Chemical Agent Monitor



**The CAMSIM detector simulator responds to electronic sources that simulate chemical vapors, toxic industrial substances or false positives.**

This means you no longer need to use simulants which can harm the environment, saturate the training area or pose potential health and safety risks to you and your students. You can use the sources anywhere, including within public buildings. Most scenarios can be set in less than ten minutes and because you control the sources, your scenario will not have changed when it is time for the exercise. CAMSIM is designed to be fully compatible with the PlumeSIM system for instrumented collective wide area training. .

#### **CAMSIM can simulate**

- Nerve, Blister, Blood, Choking Agents and False Positives
- Contamination, decontamination and persistency
- Effects of wind direction and temperature
- Depletion of batteries
- Nozzle contamination contact with solid surfaces
- Confidence testing procedure



**Simulation Point Contact Sources (PCS) for decontamination training**

#### **Instructor remote control**

Take full command of your training exercises with an intuitive instructor remote. This powerful feature lets you decide the effectiveness of decontamination drills by allowing you to control the remaining contamination. This means you can use water for decontamination avoiding damage to your assets and the environment. Instantly reset scenarios for repeated exercises, and use the same controller to simulate variables such as persistency, wind and temperature, effects, component depletion, or unit failure.

#### **PlumeSIM – Simulation of wide area tactical and emergency response field exercises**

The CAMSIM system is compatible with Argon's PlumeSIM system. PlumeSIM enables real time instrumented wide area operational training exercises to be conducted using single or multiple simulation device types that respond in the real world to multiple virtual radiation or chemical hazard release events.



**Simulated confidence testing**

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### Training in the use of complementary equipment types with common simulation sources

Argon simulation systems enable realistic simultaneous training in the use of different types of radiation detection instruments. The CAMSIM system is compatible with other simulators manufactured by Argon Electronics, including AP4C-SIM, LCD3.3-SIM and RAID M-100-SIM, permitting multi detector, multi substance training to take place within the same training scenario. The electronic simulation sources can represent false positives, as well as, chemical warfare (CW) agents and toxic industrial chemicals (TICs), enabling the RAID-M100's appearance and functions to be accurately replicated in a safe, practical manner.

### Student performance reporting for after action review

Students must set up and operate the detector simulator according to the protocols used for the actual detector. If procedures are not properly followed, the simulator logs all errors. The instructor can then access a comprehensive, definitive performance report at any point during or after the exercise.

### Cost effective realistic training for your teams

The CAMSIM is powered by the same batteries as the real detectors. The simulators require no preventative maintenance or recalibration, reducing the cost of ownership. Expensive damage to real detectors is avoided which means operational readiness is maintained.



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