

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
- Correct insertion and removal of dopant (ECAMSIM only)

*As applicable to the version of CAM simulated including ECAM and ICAM



**Simulated
detection of CWAs.**

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



**Simulated
confidence
testing**

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Instructor remote control (IRC)

A simple IRC gives you total control of your exercise. 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 your environment. What's more, you can instantly reset your scenarios for your next exercise. You use the same IRC to simulate persistency and the effects of wind or temperature.

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

Argon simulation systems enable realistic simultaneous training in the use of detection instruments that work on different technology principles. CAMSIM is compatible with other simulators designed by Argon Electronics, including AP2C-SIM, AP4C-SIM, the LCD-SIM series, RAID-M-SIM and the HAPSIM-P probe, 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 applicable to the type of CAM simulated, enabling the CAM's appearance and functions to be accurately replicated in a safe, practical manner. For further information on training with multiple simulators a white paper can be downloaded from our website.

The IRC enables instructor control of individual CAMSIM simulators".



Error reporting for after action review

Students are required to set up and use the detector simulator following the procedures for the real detector. If this is not done the simulator records the mistakes made and the instructor is able to switch the device to display a detailed and indisputable error report after the exercise.

Cost effective training

CAMSIM works on all the same battery types as the real detector. CAMSIM requires no preventative maintenance and spares are minimized to reduce the cost of ownership. Expensive damage to real detectors is avoided which means operational readiness is maintained.



CAMSIM is supplied with simulation sources and accessories. CAMSIM is PlumeSIM compatible

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