

M4 A1 JCAD-SIM

Argon's M4 A1 JCAD-SIM simulation training system for the M4 A1 JCAD-SIM

The M4 A1 JCAD-SIM detector simulator responds to electronic sources that simulate chemical vapours, toxic industrial substances or false positives.

You no longer need to use simulants that could harm the environment, saturate training spaces, or create health and safety risks for instructors and students. Training sources can be deployed anywhere, including inside public buildings. Most scenarios can be set up in less than ten minutes and because you control the sources, your scenario will not have changed when it is time for the exercise. The M4 A1 JCAD-SIM is fully compatible with the Argon PlumeSIM system for instrumented collective wide area field exercise and table-top CBRN training.



M4 A1 JCAD-SIM responds to Long Range Vapour Source simulators



M4 A1 JCAD -SIM can simulate

- CWAs, TICs and False Positives
- Contamination, decontamination and persistency
- Effects of wind direction and temperature
- Depletion of sieve packs and batteries
- Missing sieve pack
- Confidence testing and use of survey nozzle



...and Point Contact Sources

M4 A1 JCAD-SIM

www.argonelectronics.com

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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.

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. M4 A1 JCAD-SIM is compatible with other simulators manufactured by Argon Electronics, including AP4C-SIM, CAMSIM, and RAID-M100-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 M4 A1 JCAD'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.



Instructor Remote Controller

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 training

M4 A1 JCAD-SIM works on the same commercial battery supply as the real detector. It 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.



M4 A1 JCAD-SIM is supplied complete with simulation accessories for comprehensive training

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