

AP2C-SIM and AP4C-SIM simulation training system for the AP2C and AP4C chemical detectors



The AP2C-SIM/AP4C-SIM detector simulators respond to electronic sources that simulate phosphorus and sulphur to model the response to nerve and blister agents. 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. AP2C-SIM/AP4C-SIM are designed to be fully compatible with the Argon PlumeSIM system for instrumented wide area training.

World Leaders in CBRN, Gas and

HazMat simulation



AP2C-SIM/AP4C-SIM can simulate

- Visual display response to nerve (G) and blister (H) agents
- Use of the AP2C/AP4C audible alarm
- Persistency, partial and full decontamination
- Effects of wind direction and temperature
- Depletion of hydrogen cell and battery
- Self test and use of S4PE for confidence testing
- Use of the S4PE liquid sample collection system

Instructor remote control

A simple instructor remote 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 controller to simulate persistency and the effects of wind or temperature.



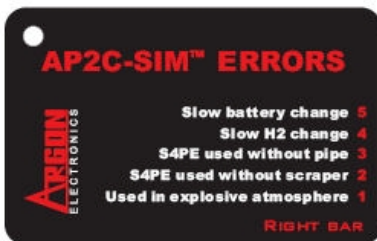
Training in the use of complementary equipment types with common simulation sources

Argon simulation systems enable realistic simultaneous training in the use of detection instruments that work on different technology principles. AP2C-SIM / AP4C-SIM are compatible with other simulators designed by Argon Electronics, including LCD-SIM, CAMSIM, 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 at a range of 50mm to 30m, enabling the AP2C/AP4C's appearance and functions to be accurately replicated in a safe, practical manner. For further information on training with multiple simulators a document can be downloaded from our website



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. Equipment users can also implement self training for revision of procedures.



Cost effective training

AP2C-SIM/AP4C-SIM work on the same 7V battery supply as the real detector. AP2C-SIM/AP4C-SIM require no preventative maintenance and spares are minimized to reduce cost of ownership. Expensive damage to real detectors is avoided which means operational readiness is maintained.

Product data sheets for other simulation instruments are available to download from our website at www.argonelectronics.com.
A free CBRN Training Equipment Guide on CD-ROM is also available on request.



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