

ARGON™

World leaders in CBRN/
HazMat training systems

ChemPro100-SIM

Argon's ChemPro100-SIM simulation training system for the ChemPro100

The ChemPro100-SIM 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. ChemPro100-SIM has been upgraded to be fully compatible with the PlumeSIM system for instrumented collective wide area training.



ChemPro100-SIM can simulate:

- Nerve, Blister, Acid, Toxic and Chemical agents and False Positives
- Chemical vapour clouds in motion
- Warm up and confidence testing procedure
- Depletion of batteries and system faults



Simulated confidence tester

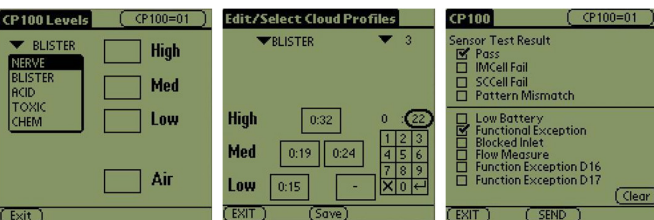
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Instructor remote control (IRC)

A powerful IRC (supplied separately) gives you total control of your exercise, with each IRC able to control up to twenty separate ChemPro100-SIM simulation instruments. Based upon an industrial specification PDA, the IRC lets you simulate a cloud of chemical vapour passing individual or groups of detectors. With a range of 820 yards (750 meters) line of sight, you can specify type of agent, rate of increase, maximum level, duration, rate of decrease and persistency of simulated chemical attack. You can also simulate spurious false readings and equipment faults on individual detectors, whilst a scenario library feature enables you to use pre-planned scenarios to save valuable time during training.

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. ChemPro100-SIM 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, with multiple simulators responding to the same programmable electronic simulation sources.



The ChemPro100-SIM IRC can activate simulated alarms, create simulated agent clouds and simulate faults.

Error reporting for after action review

Students are required to set up and use the ChemPro100-SIM following the procedures for the real detector. If this is not done the simulator reports the mistakes made to the IRC in real time and the instructor is able to switch the device to display a detailed and indisputable error report at any time during or after the exercise. This means you can implement corrective instruction immediately and be certain your trainees understand how to use your real detectors correctly, ensuring they are protected from misuse and possible damage. All equipment use activity is recorded to permit extensive after action review of your training sessions.

Cost effective training

ChemPro100-SIM works on all the same battery types as the real detector. ChemPro100-SIM 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.



ChemPro100-SIM responds to Long Range Vapour Source simulators.

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