

Nuvia CoMo 170-SIM

Argon Contamination Training Simulator for the Nuvia CoMo 170

The CoMo 170 contamination detector simulator set provides you with a training system that enables your students to experience the operational features of real Nuvia CoMo 170 meter detector without the need to utilize real radiation sources or radioactive materials.

CoMo 170-SIM responds to safe magnetic sources that simulate short range alpha or beta radiation, removing regulatory, environmental, and health and safety concerns for you and your students. You can use the simulation sources anywhere, including within public buildings. CoMo 170-SIM is compatible with the Argon PlumeSIM system for wide area tactical field and nuclear emergency response exercises enabling you to ensure everyone knows what to do when that emergency comes.

All menu features and function of the real CoMo 170 are fully usable to ensure the training experience is as realistic as possible but completely safe.



Training with CoMo 170-SIM

The CoMo 170-SIM permits radiological incident instructors to safely teach survey/location and decontamination skills.

The CoMo 170-SIM responds to deployed magnetic simulation sources that simulate short range alpha or beta radiation for training in contamination, cross-contamination and decontamination, and virtual alpha, beta, and gamma simulation when used with PlumeSIM.

An instructor remote controller (IRC) is provided in order to simulate the effects of partial or complete decontamination when using magnetic simulation sources, or to simulate instrument failure.



Instructor Remote Controller



Nuvia CoMo 170-SIM

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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 CoMo170-SIM system is compatible with other dosimeter, survey/radiac meter, and spectrometer simulators manufactured by Argon Electronics, permitting multi-detector, multi-isotope training to take place within the same scenario. You can even optionally include hazardous substance releases including chemical warfare agents to drive HazMat / CW simulation detectors.



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

The CoMo 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. For further information on PlumeSIM please see our separate literature for details of this innovative system or contact us for your free evaluation copy of PlumeSIM.

Cost effective realistic training for your teams

The CoMo 170-SIM is powered by the same batteries as the real instrument. 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.



Simulation Alpha / Beta source for decontamination training

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