

44-9-SIM

Argon's 44-9-SIM simulation training probe for the 44-9 GM pancake-type detector

The 44-9-SIM detector simulator probe set provides you with a training system that enables your students to experience the operational features of equivalent Ludlum's 44-9 GM pancake-type detector without the need to utilize real radiation sources or radioactive materials.

44-9-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. 44-9-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.



44-9-SIM can be used with all compatible Ludlum's rate meters.



The 44-9-SIM system probe for training in the use of the:

- The 44-9 GM pancake-type detector and associated Ludlum's survey meters, rate meters and scalars (contact Argon for details).

Training with 44-9-SIM simulation probe

44-9-SIM permits radiological incident instructors to safely teach survey/location and decontamination skills. The 44-9-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 probe failure.



Instructor Remote
Controller

44-9-SIM

www.argonelectronics.com

Argon's 44-9-SIM simulation training probe for the 44-9 GM pancake-type detector

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 44-9-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.



44-9-SIM can be used with all compatible Luldum's rate meters.

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

The 44-9-SIM 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

44-9-SIM probes are powered by two user-replaceable AA alkaline batteries. 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

Argon Electronics (UK) Ltd.,
16 Ribocon Way,
Progress Business Park,
Luton, Beds.
LU4 9UR U.K.

T: +44 (0)1582 491616
F: +44 (0)1582 492780
E: sales@argonelectronics.com
www.argonelectronics.com