

HRM Simulator



Thanks to a combination of Argon's wealth of simulation experience and the relationship we have with Sensor Technology Engineering, the look, feel and response of the HRM series of training simulators is extremely close to the actual detector.

The HRM-SIM, replicates the self-contained gamma ray and thermo neutron radiation detector for use in the interdiction and localization of nuclear materials. Powered by the same commercial batteries as the actual detector, operational life is typically 160 hours. Even the effect of user body shielding to determine source position is realistically simulated enabling you to ensure survey teams understand what to do when that emergency comes.

High impact training fidelity

To ensure the ultimate training experience, all user interface components are exactly the same as the real detector.

Response speed and characteristics are very similar to the real detector permitting realistic source search/find training to be provided.

Simulated delivered sensitivity enables the HRM-SIM to detect the RadSim-GS4 simulation Gamma/Neutron source at a free space distance of typically 160 feet (50 metres) distance line of sight.

Consistent and repeatable

Powerful proprietary signal processing ensures simulated readings are repeatable each time students revisit the same scenario location and also ensure the readings observed on different simulators are within the accepted tolerances of actual detectors; all contributing to the provision of high quality training.

Low cost of ownership

No preventative maintenance, calibration or consumables (except batteries) are required ensuring whole life cost of ownership is minimal.

PlumeSIM compatible

The HRM simulator is compatible with PlumeSIM, Argon's proven Live Field and Tabletop CBRN exercise system.

Other Radiation simulators available

Argon has an extensive and fully compatible range of radiation simulators available to enhance your training mission.