

HRM-SIM

Argon Training Simulator for the Sensor Technology Engineering HRM Radiation Detector

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 (display, switch panel, sounder and vibrator) 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 sensitivity enables the HRM-SIM to detect the Radsim GS4 simulation Gamma source at a free space distance of typically 200 feet (60 metres) distance line of sight.



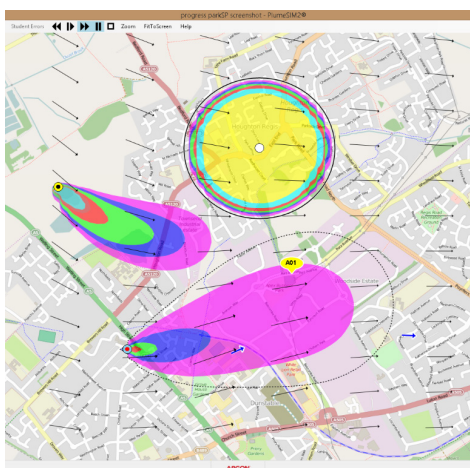
RadSim-GS4 simulation Gamma source

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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.

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



The HRM-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

The HRM-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.



Argon Electronics (UK) Ltd.,

16 Ribocoon Way,
Progress Business Park,
Luton, Bedfordshire

LU4 9UR
U.K.

T: (UK) +44 1582 491616

T: (USA): +1 571 210 1258

E: sales@argonelectronics.com

www.argonelectronics.com

