

AccuRad™ SIM

Argon Training Simulator for the Mirion AccuRad™ PRD Personal Radiation Detector

Thanks to a combination of Argon's wealth of simulation experience and the relationship we have with Mirion Technologies, the look, feel and response of the AccuRad™ SIM training simulator is extremely close to the actual detector.

The AccuRad™ SIM, replicates the self-contained gamma ray radiation detector for use in the interdiction and localization of nuclear materials. Powered by the same commercial batteries as the actual detector. Even the innovative AccuRad™ Radar search mode 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 AccuRad™ SIM to detect the RadSim-GS4 simulation Gamma source at a free space distance of typically 200 feet (60 meters) distance line of sight.

The AccuRad™ SIM is compact sized for performing one-handed measurements, even when wearing gloves. The user-friendly interface utilizes two display screens (one large front case display and a smaller top display) and five buttons.



RadSim-GS4 simulation Gamma source

AccuRad™ SIM

www.argonelectronics.com

Argon Training Simulator for the Mirion AccuRad™ PRD Personal Radiation Detector

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.

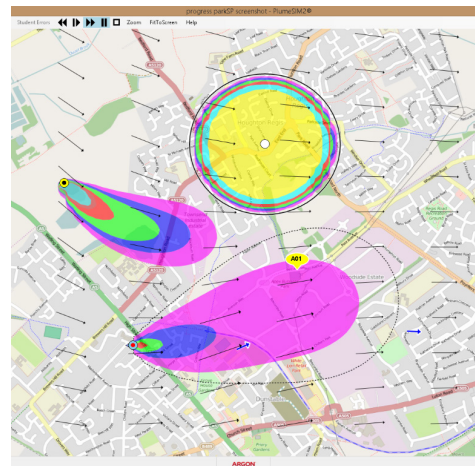
Self operating Gamma detector

The unique source localization capability of the AccuRad™ SIM is fully simulated.



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

The AccuRad™ 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 AccuRad™ 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 Ribocon 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

