

ARGON™

World leaders in CBRN/
HazMat training systems

FH 40 G-SIM

Argon's FH 40 G-SIM simulation training system
for the FH 40 G



The FH 40 G-SIM survey meter simulator provides you with a training device that enables your students to experience every operational feature of the real Thermo FH 40 G without the need to utilize an ionizing radiation source.

FH 40 G-SIM responds to safe electronic sources that simulate ionizing 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. FH 40 G-SIM is fully 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.

RDS-200-SIM enables you to provide high quality survey meter training and simulates:

- Logarithmic analogue bar graph display.
- Numeric display to show dose rate.
- The status of the meter including selection of the audible sounder.

FH 40 G-SIM is compatible with the:

- FH 40 G-SIM Teletector probe extension.
- Argon PlumeSIM wide area exercise system



Simulation gamma
sources

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Training with FH 40 G-SIM

FH 40 G-SIM permits radiological incident instructors to safely teach critical search, reconnaissance, survey and location skills as well as a practical understanding of inverse square law, isodose rate mapping, shielding and safe demarcation. The FH 40 G-SIM responds to an encoded signal representing specific gamma emitting radionuclides from deployed electronic simulation sources at a range of up to 30m line of sight.

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. FH 40 G-SIM 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 FH 40 G-SIM is also 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

FH 40 G-SIM works on the same COTS battery supply as the real survey meter. The simulator requires no preventative maintenance or recalibration, reducing the cost of ownership. Expensive damage to real detectors is avoided which means operational readiness is maintained.

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