

## RAID-M100-SIM

Argon's RAID-M100-SIM simulation training system for the Bruker Daltronics RAID-M100



**The RAID-M100-SIM detector simulator responds to electronic sources that simulate chemical vapours, toxic industrial substances or false positives.**

You no longer need to use simulants that could harm the environment, saturate training spaces, or create health and safety risks for instructors and students. Training sources can be deployed anywhere, including inside public buildings. Most scenarios can be set up in less than ten minutes and because you control the sources, your scenario will not have changed when it is time for the exercise. The RAID-M100-SIM is fully compatible with the Argon PlumeSIM system for instrumented collective wide area field exercise and table-top CBRN training.



**RAID-M100-SIM responds to Long Range Vapour Source simulators and Point Contact Sources**

### **RAID-M100 -SIM features include:**

- No ionizing radiation source
- Identification of simulated CWA and TICs
- Replacement of sieve pack and filter
- Partial and full decontamination of detected simulate substance
- Persistent and non-persistent CWAs
- Responds to safe, environmentally friendly electronic simulation CWA/HazMat sources
- Simulates actual identification of detected substances.
- Simulates contamination of probe during contamination monitoring
- Monitoring and reporting of user errors such as missed confidence test, failure to remove inlet and exhaust caps
- Easy to set up CBRN/ HazMat exercises and training scenarios
- Low cost of ownership – No preventative maintenance or regular calibration required
- Compatible with PlumeSIM.

The RAID-M100-SIM comes with all the ease of use and realistic features you have come to expect from Argon's CBRN/HazMat simulation systems, including instructor remote control and after action review capability. Consumables are also simulated enabling you to ensure students understand how to change the RAID M100 sieve pack and drying filter.

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### Instructor remote control

Take full command of your training exercises with an intuitive instructor remote. This powerful feature lets you decide the effectiveness of decontamination drills by allowing you to control the remaining contamination. This means you can use water for decontamination avoiding damage to your assets and the environment. Instantly reset scenarios for repeated exercises, and use the same controller to simulate variables such as persistency, wind and temperature, effects, component depletion, or unit failure.



**Instructor Remote Controller**

### Training in the use of complementary equipment types with common simulation sources

Argon simulation systems enable realistic simultaneous training in the use of detection instruments that work on different technology principles. RAID-M100-SIM is compatible with other simulators manufactured by Argon Electronics, including AP4C-SIM, LCD3.3-SIM and CAMSIM, permitting multi detector, multi substance training to take place within the same training scenario. The electronic simulation sources can represent false positives, as well as, chemical warfare (CW) agents and toxic industrial chemicals (TICs), enabling the RAID-M100's appearance and functions to be accurately replicated in a safe, practical manner.

### Student performance reporting for after action review

Students must set up and operate the detector simulator according to the protocols used for the actual detector. If procedures are not properly followed, the simulator logs all errors. The instructor can then access a comprehensive, definitive performance report at any point during or after the exercise.

### Cost effective training

Requires no ionizing radiation, calibration, or preventative maintenance. Operates with electronic simulation sources that are safe and environmentally friendly.



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