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## **RAE Systems Introduces Next Generation Photoionization Detector for Compound-Specific Applications**

### **UltraRAE 3000 Measures Benzene at 50 parts per billion**

**San Jose, Calif. – June 2, 2008** – RAE Systems Inc. (AMEX: RAE), a leader in delivering innovative sensor solutions to serve industrial, energy, environmental and government safety markets worldwide, today introduced the UltraRAE 3000, the next generation photoionization detector (PID) for compound-specific gas monitoring. It is being shown for the first time at the American Industrial Hygiene Conference in Minneapolis, Minnesota at booth #615.

The UltraRAE 3000 makes use of proprietary pre-filter tubes to measure specific gases such as benzene and butadiene. The UltraRAE 3000 is wirelessly enabled, making it compatible with the industry-standard AreaRAE network for remote data measurement and collection. The UltraRAE 3000 uses the same high-performance detection technology as the ppBRAE 3000, with the ability to measure toxic compounds below 50 parts per billion (ppb). The UltraRAE 3000 is intended for use in many industrial environments including confined space entry, pre-screening during refinery and plant maintenance, hazardous material response, marine spill response, and refinery down-stream monitoring.

“The UltraRAE 3000 supports two detection modes,” said Thomas Negre, director of instrumentation products for RAE Systems. “The instrument can be used for 60-second snapshot assessments as well as longer short-term exposure limit (STEL) surveys.”



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The UltraRAE 3000 is extremely versatile, as it also measures total VOCs in two wide ranges: 0 to 1000 ppm with a resolution of 0.05 ppm or 1,000 to 10,000 ppm with a resolution of 1 ppm. The monitor also has integrated correction factors for more than 200 compounds. The UltraRAE 3000 can be used to measure either benzene or butadiene with the appropriate RAESep™ compound-specific filtering tube. It also employs RAE Systems' standard two-button user interface for easy learning and operation, and has intrinsic safety certificates for use in hazardous atmospheres for the Americas (UL/CSA) and Europe (ATEX).

More information on the UltraRAE 3000 is available at [www.raesystems.com](http://www.raesystems.com). The product will be available for shipment starting mid-June, 2008.

### About RAE Systems

RAE Systems is a leading global provider of rapidly deployable sensor networks that enable customers to identify safety and security threats in real time. Products include [multi-sensor chemical detection](#) networks, [wireless gas detection](#) systems and [radiation](#) monitors for energy production and refining, industrial and environmental safety, and public and government first responder security. RAE Systems' products are used in 85 countries by many of the world's leading corporations and by many U.S. government agencies. For more information about RAE Systems, please visit [www.RAESystems.com](http://www.RAESystems.com).

NOTE TO EDITORS: A high resolution photo is available from the contact above.

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