



For Immediate Release

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RAE Systems Introduces Two 3rd Generation Photoionization Detectors for Volatile Organic Compounds

MiniRAE 3000 and ppbRAE 3000 Set New Performance Standards

San Jose, Calif. – June 4, 2007 – RAE Systems Inc. (AMEX: RAE), a leading global provider of rapidly deployable sensor networks that enable customers to identify safety and security threats in real time, today introduced two third-generation photoionization detector (PID) based instruments, the **MiniRAE 3000** and **ppbRAE 3000**. Both of these products will find applications in industrial settings, environmental monitoring, indoor air quality, and Hazardous Materials response applications. These products are intended for use where hydrocarbon-based chemicals pose a toxic threat. They can be used for both leak detection and industrial safety. The instruments both have intrinsic safety certifications for use in hazardous environments in the United States and Canada. These new instruments can be seen this week at booth 911 at the American Industrial Hygienists Conference and Exposition (AIHce) at the Pennsylvania Convention Center in Philadelphia, Pennsylvania.

“The MiniRAE 3000 and ppbRAE 3000 are designed to provide real results in real time with a measurement response time of under three seconds, are waterproof for easy decontamination and suitable for use in humid conditions. As with all RAE Systems instruments, these two have buttons designed to be used with up to three layers of gloves,” said Lisa Mork, director of marketing for RAE Systems. “These products are ideal for remote monitoring, particularly in rapidly changing environments.”

“The MiniRAE 3000 and ppbRAE 3000 bring third-generation PID technology to the market for detecting leaks and keeping workers safe,” said Thomas Negre, director of instrumentation products for RAE Systems. “Wide measurement range, fast response, wireless interface,



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waterproof design and six-month data memory make it a versatile and easy-to-use product for both industrial users and first responders.”

The MiniRAE 3000 has an extended measurement range of 0.1 parts per million (ppm) to 15,000 ppm, giving it the widest measurement range available in the industry for a PID instrument. The ppbRAE 3000 offers an extended measurement range of 1 part per billion (ppb) to 10,000 ppm. Both products feature a large back-lit graphical display with graphical charting capability and easy viewing in any light condition. Both also feature a built-in flashlight for operation in extremely dim environments. The products include over 200 built-in correction factors for accurately measuring a wide range of chemicals. No tools are required to field service the PID lamp or sensor or to replace batteries. Both instruments have optional charging cradles with a USB interface for downloading up to six months of data to a computer for either analysis or record keeping. For wireless data downloading, an optional Bluetooth interface is available. A wireless modem with a 500-foot range, compatible with the AreaRAE wireless sensor networks, will also be available. The instruments will be AutoRAE compatible for fast calibration and bump testing. Both also include a user interface configurable in 12 languages.

Both products are immediately available for shipment and can be bought through any RAE Systems Certified distributor. Each comes with a battery charger and Lithium Ion rechargeable battery. Other options include kits and wireless capability. Pricing for the MiniRAE 3000 starts at \$3,795.00. Pricing for the ppbRAE 3000 starts at \$6,295.00. For more information and a video demonstration on these products, please visit www.raesystems.com/minirae3000.

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](#), [wireless gas detection](#), [radiation](#) and [digital video monitoring networks](#) for energy production and refining, industrial and environmental safety, and public and government first responder security sectors. RAE Systems’ products are used in over 65 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.

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