

RESEARCH INTERNATIONAL, INC., a high-technology company located in suburban Seattle, specializes in contract research and development with particular expertise in optical, chemical, and biological sensing, micro-machining and micro-fluidics, and rechargeable hearing aid battery technology. Both products and services are characterized by a high level of innovation and interdisciplinary problem-solving, representative of the broadly diverse team of scientists and engineers working at the company.

In contrast to many R&D companies who are *paper-oriented*, Research International emphasizes hardware implementation of development results and so maintains a machine shop, a micro-fabrication lab, a chemistry lab, and an optics/electronics design and assembly lab. The captive model shop, Research Machine, provides hardware support for all development programs and includes a mechanical design group equipped with solid modeling and finite element analysis programs.

Research International excels at rapidly converting proof-of-principle bench technology to pre-production and production instrumentation. The staff is composed of seasoned professionals, primarily from small product-oriented companies, who are well known for their expertise in developing creative and cost-effective solutions to difficult problems that span multiple disciplines. Factors such as market-driven design, ease of manufacture, and cost are always a consideration in their work.

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**RAPTOR™.** A portable, rapid, automatic fluorometric assay system for monitoring biological agents, toxins, explosives, and chemical contaminants.



**ANALYTE 2000™.** A 4-channel, single wavelength fluorometer optimized for performing evanescent-wave fluoro-immunoassays.



**SASS 2000 Plus™.** A portable, low-power sample collection device for providing early warning of pathogen-contaminated air.



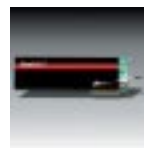
**SASS 3000™.** A portable dry air sampler that integrates a new collection medium with electronic tagging technology and satellite communications.



**FAST 6000™.** A rapid, portable one- or six-channel system for performing flow immunoassays of small molecules such as TNT.



**FERRET II PLUS™.** A PC-based high-resolution, narrow-waveband spectral scanner.



**CHEMCARD 2000®.** A PC-based, dual wavelength, fiberoptic measurement system.



**HAZARD CARD™.** A miniature platform designed for vapor phase potentiometric and amperometric measurements.



**MODEL 845 RECHARGEABLE BATTERY.** A 4 V rechargeable lithium-ion battery (8 mm in diameter by 4.5 mm in height) with a lifetime of >1,000 cycles.