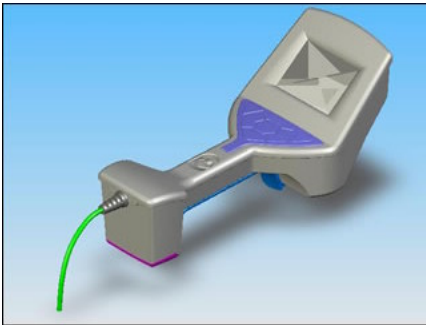




July 20, 2008

New Medium-Resolution RIID (Radioactive Isotope Identification Device) gives users greater confidence in Isotope Identification for Homeland Security Applications

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Berkeley Nucleonics (San Rafael, CA) demonstrated the SAM Revealer at the Health Physics Society Annual Conference in Pittsburg, PA on July 14 – 16, 2008. The SAM Revealer uses lanthanum bromide, a higher resolution scintillator material, for gamma radiation identification. The new material improves resolution in nuclear spectroscopy by a factor of 2, claims Berkeley. “This step improvement in detector resolution, when coupled with Berkeley’s isotope identification logic tree and algorithms, give users unprecedented confidence in their identification of unknown isotopes using room temperature detectors,” comments David Brown, Company President. “There is a growing need for light, portable isotope identifiers that bridge the gap between NaI, (sodium iodide) and High Purity Germanium.”



The Health Physics Society is a trade organization bringing together radiation detection technologists and researchers from City, State and Federal agencies, as well as industries such as aerospace, homeland security, defense, medicine and

manufacturing. The Health Physics Society (www.hps.org) is supported by a number of domestic and international chapters which hold regular localized meetings to discuss various policies and advancements in the health physics field. Berkeley Nucleonics is a member of the Northern California Chapter (www.ncchps.org) and a comprehensive list of chapter locations can be found on the HPS website.

Berkeley Nucleonics, a nuclear instrumentation manufacturer since 1963, has made advancements in identification algorithms over the past decade and claims the fastest and most accurate identification capability in a handheld



device. Furthermore, the company implements a number of advanced techniques to address source masking, source shielding and sources that are below background. The company products have been internationally acclaimed and tested by numerous State and Federal agencies, including the US Dept of Defense, US Dept of Energy and NIST. Contact the factory for details or test results.



For additional information on the HPS Northern California Chapter – <http://hpschapters.org/ncchps/>

For additional features on the new SAM Identifiers – see <http://www.berkeleynucleonics.com/products/model-940/features.html>

Media Gallery: <http://www.berkeleynucleonics.com/products/model-940/gallery.html>

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