



Press Release, August 9, 2010

New Processing Capability Coupled with Time Slice Data Logging in Nuclear Detection System

Berkeley Nucleonics introduces the Rad-Cart, an integrated GPS radiological solution for environmental remediation. The nuclear detection system logs isotope specific and full data over a broad energy range and simplifies post processing activities. The nuclear detection and spectroscopy system includes large volume NaI detectors (up to 4"x4"x16") with resolution at 7%, a performance specification virtually unmatched in the industry. Detector mechanicals and housings are customized for the terrain in the application with shock absorption options. The resultant data logs include second by second isotopic data along with GPS (Lat / Long / Altitude optional) and time stamps. The accurate logs of data are achievable via a time-slice technique that leverages patented algorithms with modern day processing power. The algorithm, called QCC, performs a compression that gives high sensitivity needed for pCi/gm measurements.



"QCC has been in the Berkeley Nucleonics isotope identifiers for over 10 years. What is new is the powerful data processing in the Eagle-L SAM System", comments Robert Corsetti, Nuclear Products Manager for Berkeley.

The microprocessor in the system performs fast data logging and automated acquisition simultaneously. All data is readily available on a flash card convenient for mapping and volumetric conversions. Streaming data is also available for systems tied to a USB or Ethernet network. For more, see www.berkeleynucleonics.com or call 800-234-7858.

About Berkeley Nucleonics

Founded in 1963, BNC is an internationally recognized pioneer in the development of precision test, measurement and nuclear instrumentation. Headquartered in San Rafael, California, BNC also provides an accredited training program and a variety of calibration custom development services.

Technical Point of Contact:

Robert Corsetti

800-234-7858 x250

robert.corsetti@berkeleynucleonics.com

Administrative Point of Contact:

Bernadette Jamieson

800-234-7858 x210

bernadette@berkeleynucleonics.com