

NEW PRODUCTS

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■ Personnel Contamination Monitor

EG&G's Berthold group has introduced the low background LB 1043AS Personnel Contamination Monitor, which allows users to measure radiation quickly and precisely at levels lower than previously possible. The use of rise-time discrimination allows half of the usual number of detectors to be used, while eliminating spillover between the beta and alpha counts — a common problem with conventional hand-and-foot monitors. The micro-processor-based LB 1043AS performs automatic background subtraction during employee measurements. Each of the gas-flow proportional detectors is equipped with its own high-voltage power supply, control circuitry, and preamplifier. Since each detector can be precalibrated, there is never any need to perform an in-field calibration. Several types of communications and card badge readers are available as standard features for connection to a central computer system. *Art Isham, Nuclear Products Group, EG&G Instruments, 100 Midland Road, Oak Ridge, TN 37830. (615) 483-2174 or (800) 251-9750.*

Circle Reader Service No. 80

■ Dual Head Gamma Camera

ADAC Laboratories has introduced the Dual Head Genesys, a rectangular gamma camera, which will be coupled with ADAC's Pegasys imaging workstation. The system's dual 20" × 15" detectors halve total body and SPECT imaging time. Other advantages are predefined imaging protocols,

robotically controlled imaging positions, compact gantry design, and a unique bi-level imaging table designed for ease of use and patient comfort. The direct radial drive detectors allow optimal collimation, providing high resolution and sensitivity. The detectors are also designed to minimize the distance between the edge of the detectors and the field of view for optimum brain SPECT imaging. *Nancy Hendrix, ADAC Laboratories, 540 Alder Drive, Milpitas, CA 95035. (408) 945-2990.*

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■ Dose Calibrator

Capintec, Inc. has designed an advanced radioisotope dose calibrator, the CRC-15R, that can measure over



200 radionuclides. The large easy-to-read display indicates nuclide name and number as well as the activity and unit of measure. The CRC-15R provides decay calculations as well as pre- and post-calibration printouts. The unit has a complete built-in self-diagnostics program. An optional printer allows the user to print syringe/vial labels and quality control test results. The CRC-15R can be upgraded to CRC-PC capability and is backed by a comprehensive service and support program. *Capintec, Inc., 6 Arrow Road, Ramsey, NJ 07446. (201) 825-9500.*

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■ Whole Body/SPECT Imaging System

Siemens has developed a new rectangular detector Body/SPECT imaging system called DIACAM. The system can be used in procedures that require cameras with a high energy range. DIACAM is designed to cover all energy ranges of radionuclides used in nuclear medicine from cardiac to monoclonal antibody studies. The system utilizes a patented electronic

technique that permits high spatial resolution at high count rates. An auto balance feature maintains systems balance for easy patient positioning and fast collimator changing. *Siemens Medical Systems, Inc., Nuclear Medicine Division, 2501 North Barrington Road, Hoffman Estates, IL 60195. (708) 304-7700.*

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