

NEW PRODUCTS

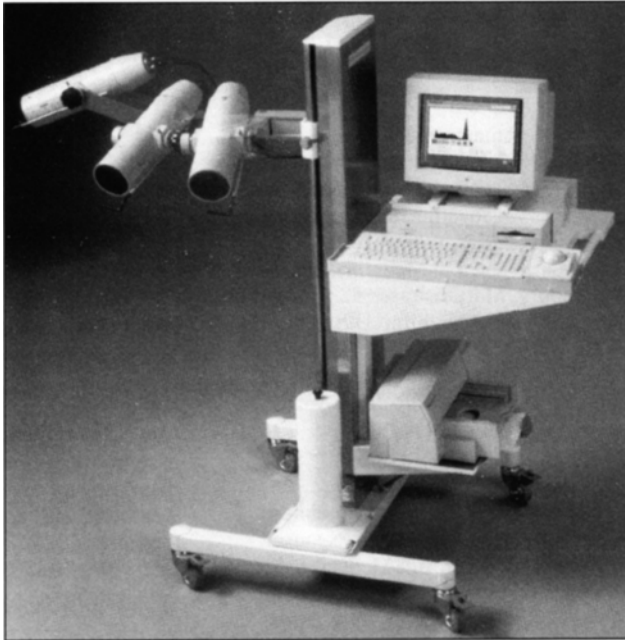
Each description of the products below was condensed from information supplied by the manufacturer. The reviews are published as a service to the professionals working in the field of nuclear medicine and their inclusion herein does not in any way imply an endorsement by the Editorial Board of the Journal of Nuclear Medicine Technology or by The Society of Nuclear Medicine. To receive product information, see the Index to Advertisers

■ Biodex Offers New and Expanded Products

Atomlab 950 Macintosh®-Based Thyroid Uptake System. The Atomlab 950 is packaged in the popular Power Mac and connected to a 1024-channel multi-channel analyzer. The system displays real-time patient data and includes programs for thyroid uptake, wipe testing, bioassay, Shilling tests, administration/quality assurance and an expanded hematology mode that includes GFR and ERPF, RBC survival and blood volume. With 8 mb RAM and a 500-mb hard drive, the system can include extra department software. The Power Mac's built-in programs read and translate PC files. The wipe test program is extensive to satisfy new regulations and is able to customize site and location.

New Design in Safety. Biodex introduced a new lead-lined waste

container that offers complete protection from container contents, even while the hatch door is open. Once decayed, container contents are easily discarded by lifting the lid by its convenient handle. This waste container is shielded on all sides. Biodex offers a complete line of lead-lined storage



and shielding devices as shown in their 160-page catalog. Biodex also builds shielded products to meet specific customer requirements. *Biodex Medical Systems, Inc., Brookhaven R&D Plaza, Box 702, Shirley, NY 11967-0702. 800-224-6339, ext. 252. Fax 516-924-9241.*

■ Siemens Receives FDA Clearance for New Multileaf Collimator

Siemens Medical Systems, Inc., Oncology Care Systems Group received FDA clearance to market their new double-focused multileaf collimator, the only double-focused system available today. The new collimator helps eliminate the need to fabricate heavy metal blocks used to shield healthy tissue. The device is built into the Mevatron linear accelerator and produces shaped treatment fields that conform to target volumes. Full 40 X 40-cm treatment fields are easily accomplished to allow maximum flexibility in designing radiation ports. The Siemens multileaf collimator design provides maximum clearance for patient treatment to minimize unnecessary skin irradiation or inadvertent contact with the treatment machine by the patient. *Siemens Oncology Care Systems Group, 4040 Nelson Ave., Concord, CA 94520. 800-318-5602.*

■ Capintec Introduces Three Products

CRC®-127R Dose Calibrator. Capintec's new dose calibrator offers the economy and speed of their CRC-7R dose calibrator combined with the convenience of multi-ranging and becquerel/curie functions of the CRC-12R. The CRC-127R is the lowest-priced Capintec dose calibrator and provides simple operation. The CRC-127R offers preset calibration settings for the most commonly used isotopes using eight push buttons. A precision potentiometer allows dial-in of calibration setting numbers for more than 200 other radionuclides. The high-performance ionization chamber well allows convenient, reliable measurement with a resolution of 0.01 μCi (0.001 Mbq) and a top range of 8 Ci (200 GBq).

Hardware and Software Performance (HASP) SPECT Phantom. The HASP SPECT Phantom is designed to evaluate both the imaging capabilities of SPECT and PET cameras as well as SPECT reconstruction and related software. The test objects in this phantom can measure spatial linearity,

uniformity of spatial resolution, system volume sensitivity, pixel calibration, object contrast and the ability of the imaging system to faithfully reproduce the shape of the test object. The HASP SPECT Phantom can be used to evaluate collimators, effectiveness of attenuation correction, scatter reduction and edge detection algorithms. Coronal, sagittal and oblique sections can be reconstructed and reorientation algorithms can be tested by using the orthogonal plates and orthogonally-positioned test objects.

Caprac®-R Wipe Test/Well Counter. This versatile and economic new system offers six-channel pulse-height analysis for energy discrimination and preliminary isotope identification as well as wipe testing. The Caprac-R provides a choice of two well detectors—the same 1 1/2-in well as in the Caprac, but in a remote configuration, or an optional, larger 2 X 2-in NaI crystal with 1-in shielding. The software is menu-driven with automatic report generation for Schilling tests, Dicapac[®] and blood volume. The Caprac-R is a compact system that performs well-counting functions in as little as

six seconds. Call or write for Capintec's newest catalog with more than 900 products and a 5%-off coupon. *Capintec, Inc., 6 Arrow Rd., Ramsey, NJ 07446. 201-825-9500. Fax 201-825-1336.*

