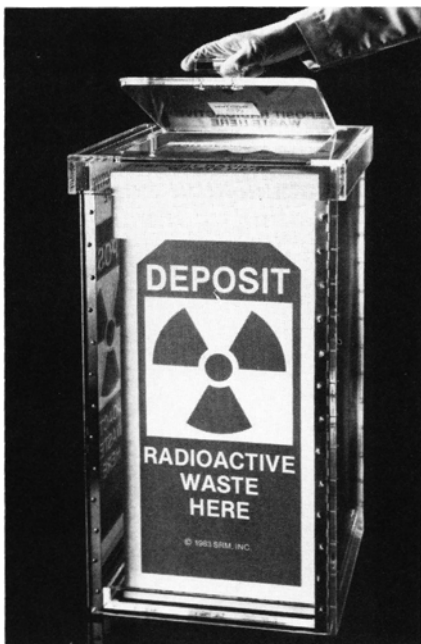


New Products

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.

■ Beta Waste Shield

Nalge Company has added a Large Beta Waste Shield to its line of Nalgene Acrylic Beta Radiation Shields. This product line is designed to provide maximum protection during handling of commonly used B⁻-emitting isotopes such as ³²P, ⁹⁰Y, and ³⁵S. Acrylic does not shield against secondary x-rays or gamma radiation. The Nalgene Large Beta Waste Shield is made of durable, transparent, 3/8-in thick acrylic and will accommodate large containers such as a 20-liter Nalgene Carboy, cardboard radioactive waste box, or standard office-size trash can. The large, hinged door on the cover reduces the chance of spills and makes the waste receptacle more accessible. Hinges at the corners allow for removal of the receptacle and for folded storage. For added protection, a leakproof tray sits inside the shield to contain spills. The complete line of Nalgene Beta Radiation Shields is available from Authorized Nalgene Labware Dealers worldwide. The



products are detailed in the current catalog. —Marketing Communications, Nalge Company, PO Box 20365, Rochester, NY 14620-0365. (716)586-8800.

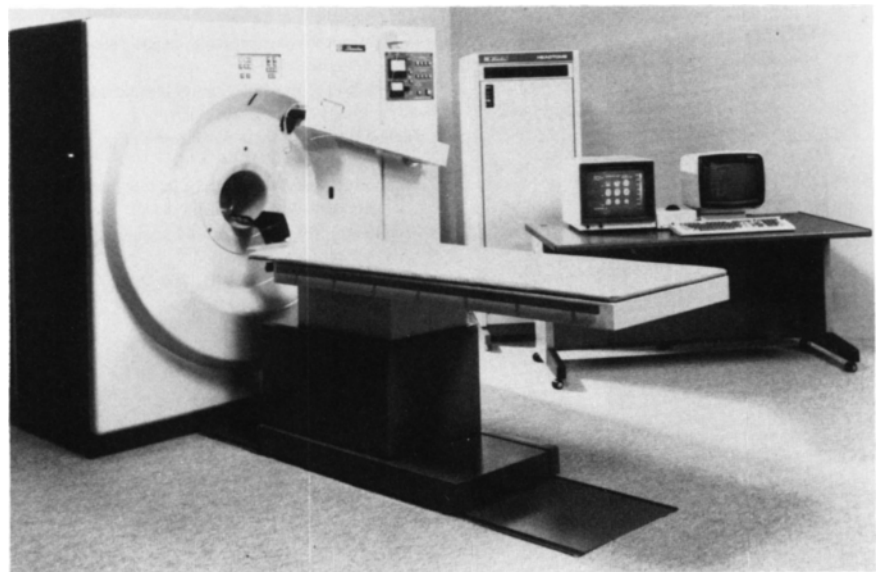
Circle Reader Service No. 53

■ Medical Image Film Recorder

Matrix Instruments introduces a new, video-based film recorder, the Multi-Imager[®] 10 PLUS, that offers high image quality. Key to the MI-10 PLUS is a newly developed, high resolution monitor featuring precise linearity, uniform light output, and the virtual elimination of video raster lines that can interfere with a radiologist's ability to view fine detail. This new monitor displays images with at

least 1900 lines of resolution (or the maximum output resolution of the host system). The resolution is 72% higher than conventional video-based medical imagers. Visualization is further enhanced by the recorder's ability to create black borders between images instead of transparent borders produced by most recorders. This reduces extreme light, making diagnostic images easier for the doctors to examine. The MI-10 PLUS represents a new generation of video-based recorders, MI-10 PLUS offers user-programmability, multiple format capabilities, automatic film loading, and optional automatic unloading of film. —Matrix Instruments, Inc., 1 Ramland Rd., Orangeburg, NY 10962. (914)365-0190.

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■ SPECT Imaging System

The new Headtome Set-031 single photon emission computed tomograph system from Shimadzu Medical Systems is dedicated to studies of the brain. This specialized equipment provides an effective means of measuring brain functions, such as blood flow, with both high sensitivity and high spatial resolution. Using newly developed radiopharmaceuticals, Headtome presents SPECT images having high-quality resolution. Within one minute it can be switched to absolute measurement of regional cerebral blood flow studies using Xenon-133. Headtome Set-031 helps identify abnormal brain characteristics which X-ray, CT, and MRI cannot detect, giving physicians biological information for better patient manage-

ment. Hundreds of clinical applications in dozens of medical facilities have proved the clinical efficacy of this modality plus its speed, accuracy, and reliability. The system is equipped with three annular arrays of 64 NaI detectors each, making possible three transaxial images. The patented, cylindrical converting "turbofan collimator" delivers superior images (dynamic or static) of the uniform resolution and slice thickness. These unique collimators result in sharp and artifact-free transaxial, coronal, or sagittal images. —Shimadzu Precision Instruments, Inc., Medical Systems Division, 20410 Earl St., Torrance, CA 90503. (213)214-0314.

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