

New Products

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■ A New Computer Communications Network

RadNET Online Services is the first private computer-communications forum to connect medical specialists around the world. As a result, small U.S. hospitals will have access to the expertise of leading institutions all over the world. Through RadNET, specialists can keep up-to-date on international advances in diagnostic and therapeutic techniques, changes in Medicare reimbursement, conferences and continuing education courses, and changes in government regulations affecting the practice of nuclear diagnostics. A desktop computer, a modem, and a telephone line are needed to access RadNET. RadNET is a Private Forum of CompuServ Inc. which will initially focus only on nuclear medicine but will extend its coverage to all diagnostic imaging specialties throughout the following year. Most professionals will use RadNET's public "on-line" services, which include bulletin boards, information libraries, and conferences. However, special RadNET consultants will also offer special "off-line" private assistance to nuclear medicine specialists who wish expert advice in improving the quality of their medical images. Special "off-line" services include the evaluation of film- and computer-disk-recorded images, and on-site classes for physicians and technologists in the production and interpretation of these nuclear studies. —*RadNET Online Services Inc., 51 E. 42nd Street, New York, NY 10017. (212)856-6449.*

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■ Digi-Core/Digi-Scope

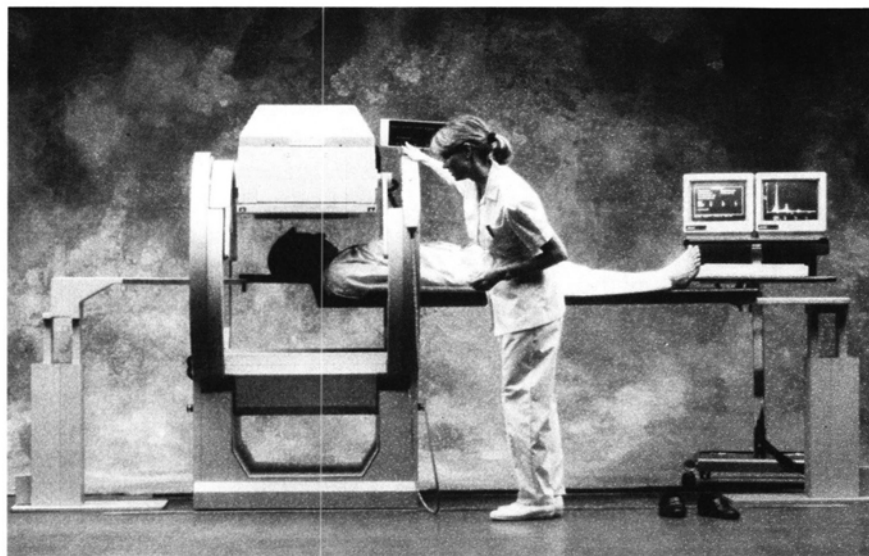
Tennessee Nuclear Corporation has recently introduced a unique combination Digital Color P-Scope and Correction Unit (Model 560). This compact system comes with an infrared remote control which allows the controller to invert X, invert Y, and XY exchanges for complete remote control of the patient orientation

and rotation. It allows the user to control time erase, count erase, hold and screen erase from across the room. Option features which can be added to this remote control include start/stop and reset on your camera and start/stop on the computer or expose on the formatter. This combo unit is quick to install and easy to use with most major camera systems. It comes with a 9-in RGB analog color monitor on a swivel/tilt base. The P-Scope features an auto scale for low count rate studies and has a low count

rate loss due to a unique dual ADC design. The correction features quick flood storage (usually 3–5 min), high count rate capability up to 300 cps, a dot skimming algorithm, 4096 correction matrix, and 12 bits of memory per pixel. It has a dual isotope correction with a battery back-up for both memories. It stores up to 10 million counts for statistical correction. —*Tennessee Nuclear Corporation, 207 Century Court, Franklin, TN 37064. (615)790-6080.*

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■ GENESYS Nuclear Camera Systems



GENESYS, which is optimized to provide brain, SPECT, and total body studies, represents a significant advance in nuclear medicine camera design and performance. It features many characteristics that are unprecedented in the nuclear camera industry. Extensive design criteria were met during its development to assure ease of use and maximum patient throughput. Its streamlined design provides easy access to patients, while its predefined, robotically controlled functions minimize set-up time. A direct radial drive rectangular detector head provides the image quality and the sensitivity needed for all nuclear medicine procedures. Careful attention was given to the design to minimize the distance between the edge of the detector and the field of view to optimize GENESYS for brain imaging. In addition, the detector has been mounted so that its longest dimension is across the patient's body to facilitate total body bone studies. This product also incorporates a single robotically controlled table that is designed to accommo-

date brain, total body, and SPECT imaging. The table is designed so that it reduces attenuation and provides stability. The table also ensures accurate patient centering within the rings. The motion is relative to the center of rotation for high-quality ECT studies. A mobile Digital Control Console is designed so that the technologist may easily set up GENESYS for any imaging procedure. A unique storage rack is provided to hold up to five collimators and a compact gantry design reduces floor space. GENESYS features six robotically controlled automated protocols that increase patient throughput by reducing patient set-up time and operator errors. Prestored automated positions automatically assist the technologist in setting up routine studies such as brain scan, total body scan, and ECT. Adjustments for home positioning, quick collimator exchange, and outer room imaging are also featured. —*ADAC Laboratories, 540 Alder Drive, Milpitas, CA 95035. (408)945-2990.*

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