

What's New

Every description of the products below was condensed from information supplied by its 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.

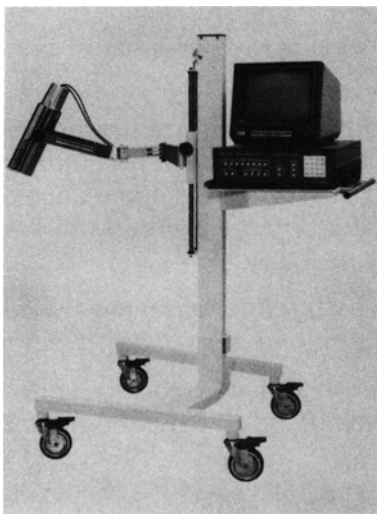
Thyroid Uptake System

Atomic Products Corp. has introduced a thyroid uptake system featuring computer programming to increase accuracy from patient to patient and test to test.

The system consists of a multi-channel analyzer with push button isotope selection, a video display console, and a printer (optional). All components are on a rolling stand for compact mobility.

The multi-channel analyzer measures the entire energy spectrum. A preselected "menu" of isotopes is arranged with push buttons. The user selects the desired isotope, which automatically sets the window around the gamma photopeak.—*Atomic Products Corp., PO Box 1157, Center Moriches, NY 11934.*

Circle Reader Service No. 51



energy selection. A multi-channel spectrum analyzer facilitates precise peaking. Simultaneous display of both counts and elapsed time simplify the operation.—*General Electric Co., Medical Systems, P.O. Box 414, Milwaukee, WI 53201.*

Circle Reader Service No. 55

Immunoradiometric Assay Review Article Available

Prints of an article that appeared in a recent issue of *American Clinical Products Review* titled "The Immunoradiometric Assay" are available at no charge from Micromedic Systems Inc.

The article discusses the basic concepts of the immunoradiometric assay (IRMA) reviewing the chemistry, data handling, and assay parameters such as precision, sensitivity, and non-specific binding of the IRMA-type assay. The article includes several graphs related to different aspects of IRMA assay.—*Micromedic Systems Inc., 102 Witmer Road, Horsham, PA 19044.*

Circle Reader Service No. 53

New Benchmark Set in Cortisol Testing

The Cortisol RIA Kit from BioClinical Group establishes a new level of convenience in determinations of cortisol levels in plasma, serum, or urine using the same protocol for all procedures.

Technological advances offered by the kit include: ready-to-use tracer and liquid standards ranging from 1 to 75 $\mu\text{g}/\text{dl}$; cross reactivity of the selected antibody to 11-deoxycortisol at only 3.4%; stability of antibody-coated tubes which allows room temperature storage for up to six months; utilization of coated-tube technology which makes centrifugation unnecessary; maximum binding exceeding 50% with the ready-to-use ^{125}I Cortisol tracer permits short counting time throughout the shelf-life of the kit; and a direct urinary cortisol procedure that eliminates the need for extraction. Lot specific Q.C. data is included with each shipment of the 100-tube kit.—*BioClinical Group, Division of Advanced Magnetics Inc., 45 Spinelli Place, Cambridge, MA 02138.*

Circle Reader Service Card No. 54

Instant Color Prints from CRTs

The Kodak Instagraphic[™] CRT Imaging Outfit provides the fundamental capability for generating instant color prints from any static image displayed on a color video monitor or computer screen.

At the heart of the Outfit is the Instagraphic CRT Cone Model 12 which serves as the interface between the Instagraphic Camera and the CRT. The Model 12 Cone is suitable for use with monitors that have nominal 12- to 13-inch diagonal CRT displays. When positioned over the screen, the cone eliminates ambient light and parallax problems while holding the lens at the correct distance from the screen.

The Instagraphic Camera mounts on the Cone, thus eliminating the need for a tripod. The Camera features fully automatic exposure and a close-up lens which fills the picture area with the CRT display. An adapter bracket supplied with the Outfit allows replacement of the Instagraphic Camera with a 35 mm camera for conventional prints or slides.

Instagraphic Color Print Film is included with the Outfit, offering excellent resolving power, wide-exposure latitude, the same aspect ratio as the CRT image, and a durable finish which is resistant to fingerprints, smudges, and scratches. The film features a peel-away

backing, making for a more compact profile for patient files, reports, or mailings.—*Eastman Kodak Company, 343 State Street, Rochester, NY 14651.*

Circle Reader Service No. 52

New Gamma Camera Permits Unobstructed Head Imaging

A specially contoured gamma camera for close proximity emission computed tomography studies of the head has been introduced by General Electric Company.

The MaxiCamera[™] 400AC/T has a 390mm detector which is uniquely contoured and tungsten shielded so that scanning can be done inside of the shoulder plane, providing improved resolution tomographic images of the brain.

Correction for center-of-rotation and fast reconstruction of transaxial, sagittal, coronal, and oblique angle views are obtained through the STAR[™] system emission computed tomography (ECT) software. The close proximity detector combined with the ECT software package provide for less than 1cm resolution for imaging of the brain. The MaxiCamera 400AC/T can also be used for heart, liver, and general-purpose imaging.

A compact console features simple thumbwheels calibrated in KeV for nuclide