

New Products

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Gamma Camera Laser System

The new Gammex Gamma Camera Laser System is designed to assist in precise reproducible patient positioning relative to a gamma camera when used in time-sequenced studies. In cardiac imaging, for example, a gamma camera is used to perform quantitative exercise thallium examinations. The patient-to-detector relationship must be carefully reproduced after a time lapse of approximately four hours.

Once the patient is positioned, a ceiling or wall-mounted Gammex laser projects three brilliant red dots on the gamma camera detector head. The position of the three 4-mm diameter dots, approximately 4" apart, are marked on the detector head. Upon completion of the initial study, the dot position is checked and the detector head is moved to permit marking of the position of the three dots on the patient's chest.

When the patient returns for the thallium redistribution study, the three reference marks on the patient's chest and on the detector head are realigned with the three laser beams.

For the first time, a laser system permits an integrated gamma camera/patient reference for new or existing facilities. Currently, only random mechanical or physical reference measurements are used. Without the laser system, accurate patient analysis is not assured.—*Gammex, Inc., Milwaukee Regional Medical Center, P.O. Box 26708, Milwaukee, WI 53226.*

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3M Dry Silver Imager

The 3M Dry Silver Imager is the first system specifically designed to provide fast, easy, high quality referral copies in just seconds. This new concept imager produces hard copies of images generated by modalities such as: ultrasound, CT, nuclear medicine, NMR, and DSA. These copies are produced in normal



room light. The Dry Silver Imager's unique, totally dry process offers high quality images designed for referral copies as well as chart and service copies. This ability allows the technologist or radiologist to provide physicians with a picture copy to accompany written reports which will ensure more thorough and complete patient histories.—*Diagnostic Imaging Products, Imaging Systems Division/3M, 223-2SW-03, 3M Center, St. Paul, MN 55144-1000.*

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LH/FSH Kit

A new data sheet describing the ComboStat® LH/FSH kit is now available from Micromedic Systems Inc. The ComboStat LH/FSH kit gives both LH and FSH answers in the same amount of time it previously took to get individual LH or FSH answers; thus cutting turnaround time and direct labor in half while saving money. Since the ComboStat LH/FSH test offers two-in-a-tube testing, it also cuts pipetting supply, test tube, and control serum-usage in half.

The ComboStat LH/FSH kit is easy-to-use with its room temperature incubations and color-coded components. The results

for both LH and FSH are available in 150 minutes.

The LH standard curve range is from 5–150 mIU/mL, and the FSH standard curve range is from 5–100 mIU/mL. High counts rates allow long kit shelf life for the ¹²⁵I and ⁵⁷Co tracers.

Micromedic Systems also offers flexible purchasing options. The AutoServe™ program allows the acquisition of Micromedic® automatic pipetting and gamma counting instruments without capital expenditures.—*Micromedic Systems Inc., 102 Witmer Rd., Horsham, PA 19044.*

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DigiPAC 8

Image Resources has developed a fully digital tele-radiology system, the DigiPAC 8. Using expertise developed from the Landsat surveillance program, the DigiPAC 8 will accept both digital and analog images (CAT, MRI, Ultrasound, X-Rays, documents, etc.). Once captured and processed, the image can be manipulated through geometric configurations (including positionable zoom with repeat and zoom-out feature), image enhancement (brightness and contrast adjustment, reverse image, digital windowing, text writing, and histograms) and other specialized image processing features. High speed picture transmission can be achieved through compression with no loss of data. Up to 2,500 images can be stored inboard and, with an optional digital storage and retrieval system, over 840,000 images can be selected and printed out on either a digital laser or dry silver printer or a Matrix film camera. Unattended tele-transmission monitoring is standard, and continuous remote software updating is included at no additional charge for the first year.

DigiPAC 8 also doubles as an IBM-PC compatible workstation, and will run both PC and MS DOS programs for patient files, accounting, and other related needs.—*Image Resources, Inc., P.O. Box 2519, Winter Park, FL 32790.*

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