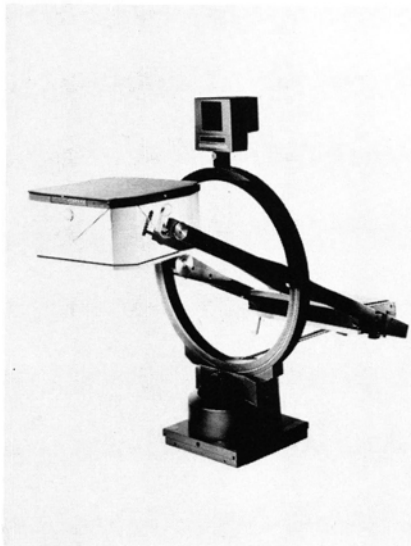


Each description of the products below was condensed from information supplied by the manufacturer. The reviews are published as a service to the professionals working in the field of nuclear medicine and their inclusion herein does not in any way imply an endorsement by the Editorial Board of the Journal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

## ■ Gamma Technology

GE has developed a new high-performance gamma camera technology to help overcome a number of barriers limiting performance. By improving light collection, pulse separation and collection, and system monitoring, the new technology helps improve count-rate performance, energy resolution, and detector reliability. PM tube drift is reduced, as well as automatic corrections made for spatial distortion and regional variations in energy response. The new, high-performance technology has been incorporated in three new cameras. The XC/T camera features contoured detector and ring gantry designed to accommodate brain and cardiac SPECT. The XR/T camera has an extra-large, rectangular field and ring gantry for whole-body and large-organ imaging. The compact Stargem SP camera incorporates the rectangular camera and gantry with a 72-sq-ft area. —GE Medical Systems, PO Box 414, Mailcode W-412, Milwaukee, WI 53201. Attn. Tim Riesterer. (414)544-3721.

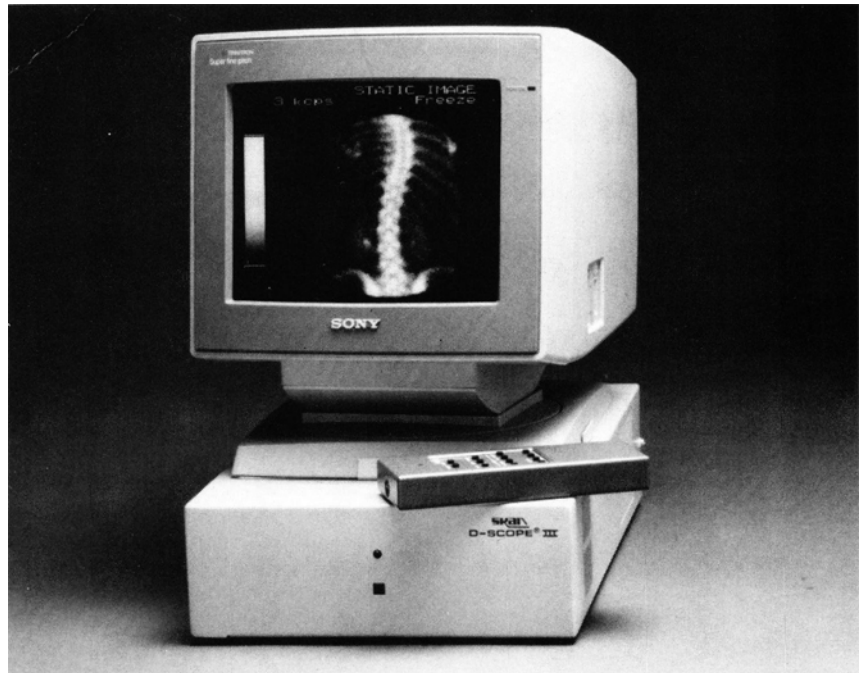


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## ■ Persistence Scope

MEDX, Inc., introduces the new and versatile D-Scope III Color Digital Persistence Scope for gamma camera systems or to function as an image processor. Compatible with all existing gamma cameras, the D-Scope III offers features not possible with analog scopes, including a 9-in Sony color monitor displaying bright, diagnostic quality images, an infra-red hand-held remote control of all functions, faster response times, automatic adjustment to incoming count rate, and a preset mode which activates the scope only when the camera is turned on. Exclusive automatic image

normalization eliminates need to erase during count building. Contrast and background subtraction of the static image can be varied and recorded on a VCR, and vivid color transparency images can be printed using a Mitsubishi color printer. Color, hue, and intensity combinations are virtually unlimited with the new D-Scope III, which has a palette of more than 16 million colors and provides 256 levels of color for any single image. Black and white display is also possible. —MEDX, Inc., 1500 Hicks Rd., Rolling Meadows, IL 60008. Attn. R. Frankel. (800)323-3847.



Circle Reader Service No. 60

## ■ Compact Film Recorders

Matrix Instruments introduces a series of color, single image film recorders, with interchangeable film backs. The backs give the 6100 Series high resolution film recorders flexibility in types of output. Backs are available for 35mm slide, 4" x 5" prints or transparencies, 8" x 10" prints or transparencies, Polaroid SX-70 and 339 Auto Film, and 16mm animation film. Individual recorders in the 6100 Series can be specified for input videos from 15.75 kHz to 64 kHz. CRT resolution is 800 lines. In addition, the Matrix MultiColor provides programmable image parameters entered from a touch pad,

gamma correction, on-line diagnostics, and other diagnostic routines selectable via the front panel, or optional remote RS232 and GPIB interfaces, and a view port to preview images before recording. Exposure time is shortened to under 15 sec by a red-enhanced P-45 in the CRT. Other features include Autocal, which provides automatic calibration of CRT luminance levels and Rastercamp circuitry to eliminate visualization of line structure. —Matrix Instruments, Inc., 1 Ramland Rd., Orangeburg, NY 10962. Attn. Susan Hubener. (914)365-0190.

Circle Reader Service No. 61