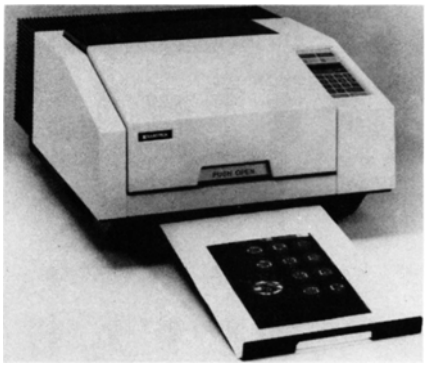
Each description of the products below was condensed from information supplied by the manufacturer. The reviews are published as a service to the professionals working in the field of nuclear medicine and their inclusion herein does not in any way imply an endorsement by the Editorial Board of the Journal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

■Color Video Printer



Matrix Instruments has combined the proven technologies of its computer graphics equipment and its medical imaging systems to produce its new CVP thermal printer. The CVP uses the latest in thermal dye transfer technology to reliably generate low-cost, high quality hard copy images without a processor, chemicals, or darkroom facilities. State-of-the-art digital and video technologies assure compatibility with all popular host scanners. As many as four independent video inputs can be serviced by one printer. Keypad switching and an optional 3MByte buffer memory provide ease of operation and rapid switching from one input to another without tying up host scanners during hardcopy production. Once an image is captured, the scanner is available for other uses, and as many as a hundred multiple print or transparency originals can be generated with push-button ease. Printing with the CVP is fast—10 sec for black & white and one min for an eight-color print. In addition to simplicity, speed, and the ability to work in conjunction with a wide range of different scanners, the CVP offers uncompromised image quality. At 200 dots per inch, image quality is outstanding, with good color reproduction and crisp alphanumerics. Six color enhancement techniques are available to suit user preferences. *Matrix Instruments, Inc., 1 Ramland Rd., Orangeburg, NY 10962. Attn: Susan Hubener. (914)365-0190.*

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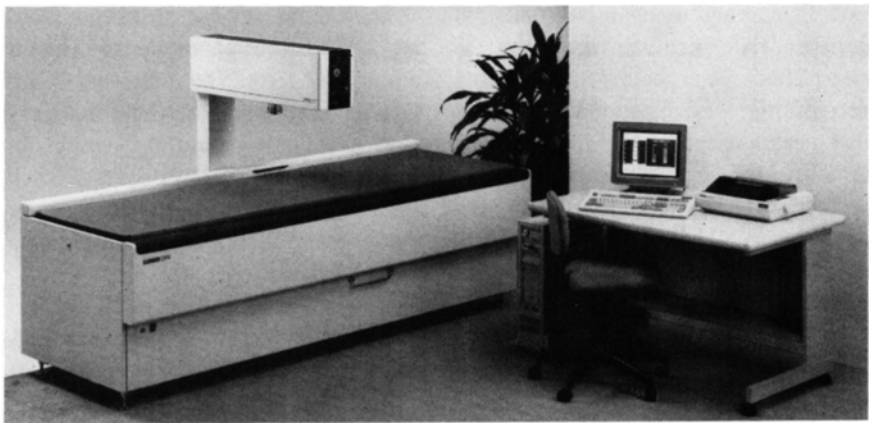
■X-Ray Bone Densitometer



LUNAR Radiation introduces the DPX Bone Densitometer. The DPX uses dual-energy x-ray absorptiometry (DEXA) to measure the bone density of the lumbar spine and proximal fermur. Selective filtering of the DPX ultrastable x-ray source produces a high flux and optimal dual energies. This allows typical precision of 1% in vivo, spine, and femur scans in under 5 min, and image resolution of 1 mm. The DPX uses LUNAR's proven mechanical and electrical design, and established software algorithms to provide system reliability and direct compatibility to over 800 existing LUNAR DPA scanners. The DPX is unique in providing approved scans for both the spine and femur, 1-min screening scans of both sites, and capability for imaging the entire body or regions thereof. The scanner itself occupies minimal space (32 sq ft) and does not require shielding. The DPX uses an IBM PS/2 Model 60 computer and has four different printout options for archive-quality reports. *LUNAR Radiation Corportion, 313 West Beltline Hwy., Madison WI 53713. 1(800)445-8627.*

Circle Reader Service No. 57

■Acquisition Interface Board

Nuclear Data introduces the AccuSpec,™ a low-cost acquisition interface board that plugs into an IBM PS/2 Model 30, PC, XT, AT, or compatible backplane. The AccuSpec, along with the ND ASAP supporting software, allows the PC to be turned into a powerful computer-based MCA. Three versions of the AccuSpec acquisition interface board are available. The AccuSpec/NaI contains a computer-controlled 2K Wilkinson ADC plus 2K channels of spectral memory. The AccuSpec/A contains a computer-controlled 8K channel, 100 Wilkinson ADC plus 8K channels of spectral memory. The AccuSpec/B contains 16K data channels of spectral memory and interfaces to all of ND's current NIM ADCs. All boards support ND's current line of acquisition multiplexors, allowing each to expand up to 32 inputs. The display and acquisition software which controls the AccuSpec board is completely new. The MCA program provides an efficient operator interface and programmability for automated applications. Acquisition, display manipulation, and other MCA functions are performed via the PC's keyboard. The ND ASAP applications software provides the capability for quantifying the concentrations of radioisotopes for high resolution Ge spectroscopy, low resolution NaI, and alpha spectroscopy. *Nuclear Data, Inc., Instrumentation Division, Golf and Meacham Rds., Schaumburg, IL 60196. (312) 884-3600.*

Circle Reader Service No. 58