Apple Computer's multicolor plotter produces presentation-quality graphs and charts on paper or overhead transparencies. The Model 410 is compatible with the company's business graphics software programs and connects directly to Apple products via a standard RS-232-C serial interface or an interface card. The plotter features four color pens that can be interchanged automatically during operation and provides 0.004-inch resolution, 0.008-inch repeatability, and 3.94-ips plotting speed. Its retail price is $995.

Reader Service Number 50

Company's first terminals emulate DEC, Tektronix units

Graphon Corporation has announced its first two products, the GO-100 alphanumeric terminal and the GO-140 combination alphanumeric and graphics display terminal.

The GO-140 emulates DEC's VT-100 and the Tektronix 4010, 4012, and 4013 and offers user-selectable enhancements to both the alphanumeric and graphics capabilities. Its alphanumeric features include 24 lines of 80 or 132 characters; selectable status line; 96 displayable ASCII characters; and bidirectional, split-screen smooth scrolling. Graphics features include 512 x 390-pixel bit-mapped display resolution for a 4:3 display aspect ratio. A 1:1 pixel aspect ratio for equivalent horizontal and vertical pixel spacing eliminates image distortion. The GO-140 is compatible with Plot 10, Disspla, Tell-A-Graf, DI3000/Grafmaker, and other graphics software packages.

The GO-100, the alphanumeric version of the GO-140, has character graphics capabilities and shares the same alphanumeric features as the GO-140, as well as the display, keyboard, communications, and physical specifications. Plug compatible with DEC's VT-100, the GO-100 includes video- and printer-port options.

The terminals incorporate design features such as a 31-MHz-bandwidth monitor that allows the 390-scan-line image to be refreshed 60 times each second without interfacing. They communicate via an RS-232 asynchronous ASCII half- or full-duplex host computer interface, and they are ANSI X3.64 compatible. Users can select 15 communications speeds from 50 baud to 19.2K baud.

The single-unit price for the GO-100 is $1495; the GO-140 is $1995.

Reader Service Number 51

Image processing workstation debuts

The System 575 from International Imaging Systems is a stand-alone digital imaging workstation that can also function as part of an image processing network. The workstation is designed to meet the needs of R&D, medical, meteorological, earth resources, and industrial applications users who require a complete remote workstation.

With prices starting at $75,000, the System 575 workstation includes the Model 75 image processor, an embedded host computer, an 80M-byte disk drive, a 1600-bpi magnetic tape subsystem, an RGB monitor, a VT-100-type terminal, a trackball, and menu buttons. The workstation is arranged as a standard-height desk with work space for maps, X rays, or other spread materials.

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