

DATA COMMUNICATIONS PRODUCTS

Terminal produces hard copy from CRT display

Two new data terminals combine keyboard entry, 2400-baud operation, and a CRT display with the convenience of a paper copy.

Upon command from either the operator or a remote computer, Models 40 and 44 produce a 4.5-x-5-in. copy of the CRT display. The first copy takes five seconds; additional copies (same or different displays) take only two seconds each.

The difference between the terminals is in the display. Model 40 has a 25-line display, with each line having up to 40, 0.125-x-0.150-in. characters. Model 44 produces 12 lines of up to 80 characters each, character size is 0.075 x 0.140 in.

The CRT display on both models has a 9-in. diagonal, and uses 5-x-7 dot matrices to form the characters.

What makes these hard-copy, CRT terminals possible is a company-proprietary process called Quantafax™. This is a high-speed, electro-photo-



graphic process that uses a large, uniform, photoconductive sheet to produce high-resolution—10 line pairs/mm—copies on a bond-like paper. The 4.5-x-5-in. copies cost less than a penny each, are archival, and the paper accepts notations in pen or pencil.

Model 40 and Model 44 can replace IBM's 2260/2848 and 2265/2845 display terminals and controllers, and use RS232B (or C) interfaces. Price ranges from under \$6600 to \$8900, depending on quantity. Leases are available. Photophysics, Inc., 1601 Stierlin Rd., Mountain View, Calif. 94040. (415) 969-9500.

Circle Reader Service #289

ELECTRONIC KEYBOARD



The Electro/Set 450 Editor is designed for speed and economy in making corrections and then producing a clean tape for high speed computerized equipment. The unit includes a floating display which offers 128 different symbols, Fairchild Graphic Equipment Division, 221 Fairchild Ave., Plainview, N.Y. 11803.

Circle Reader Service #290

PROCESSING SYSTEMS

These systems feature a series of building block modules including a micro-processor, video displays, cassette tapes, printers, card readers, disc drives and other hardware. The micro-processor is the heart of the system and can be programmed for unlimited applications. Sanders Associates, Inc., Daniel Webster Highway, South, Nashua, N.H. 03060.

Circle Reader Service #291

LOW COST MODEM



The 5220 is a low-cost, compact, originate or answer-only modem. It includes power supply and indicating lights for power and carrier detect when supplied. The unit is compatible with the Bell 101, 103, and 113 Series. It will operate full-duplex at speeds up to 300 b/s, is strappable for half-duplex and will interface with Bell couplers. RFL Industries, Inc., Boonton, N.J. 07005.

Circle Reader Service #292

CHANNEL QUALITY MONITOR



The Model 19017 lets you determine signal quality without interrupting service by breaking into a transmission line. It provides direct, on-line indication of data transmission quality over standard phase-shift modems. Digital Devices, Inc., 12 Spielman Rd., Fairfield, N.J.

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