

SEMI-TELETYPEWRITER

A specialized hard-copy, send-only semi-teletypewriter for \$250 each in OEM quantities uses a proprietary, coded proximity sensor to generate an 8-bit code. The keyboard itself is a standard 4-row typewriter keyboard with upper and lower case. *Electroterm Data, Levittown, Pa.*

Circle No. 187 on Inquiry Card.

KEYBOARD-TO-DRUM SYSTEM

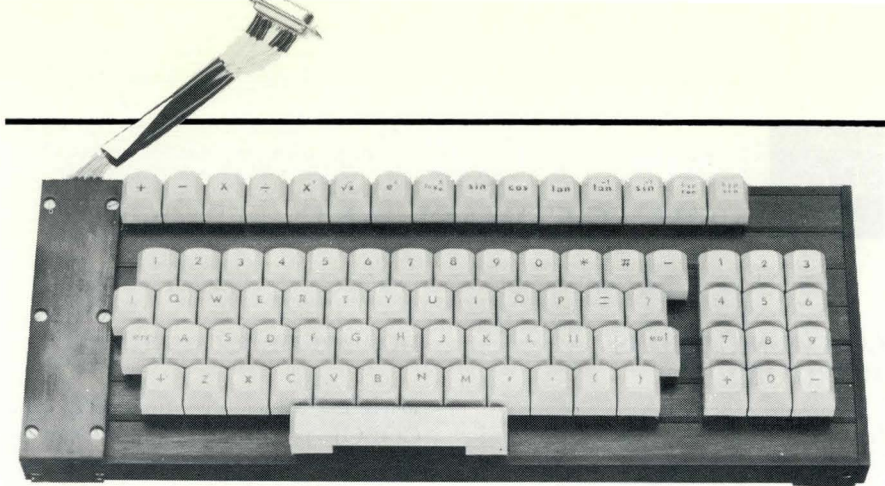
The "key-edit" data preparation system uses a multiple control CPU, a high-speed temporary-storage magnetic drum, and a magnetic tape or disk drive to service up to 32 keyboard input terminals. Input data, format information, and column numbers are displayed in "letters and figures" at each operator station, and check digit calculation and batch totalling capabilities are standard. Automatic pooling is achieved since the files are stored on the drum until released to the tape or disk pack for processing. *Consolidated Computer Services, Ltd., Toronto, Canada.*

Circle No. 189 on Inquiry Card.

MEMORY SYSTEMS

Designated the ALPHA 10.2 and ALPHA 12.2 memory systems, these units consist of basic modules of 1024 to 40,960 bits with expansion to larger capacities through the use of multiple modules. Cycle times are 1.50 microseconds for the ALPHA 10.2 which has a maximum module size of 1024 x 10, and 1.75 microseconds for the ALPHA 12.2, with module capacities to 4096 x 10. Packages employ 23 mil cores, three-wire 3-D organization and integrated circuits except for final drivers and selection. The ALPHA 10.2 and 12.2 require 65 and 130 cubic inches, respectively, for complete memories including registers and temperature compensation regulator for the memory drive voltage. Only silicon semiconductors, none in plastic packages, are used. *TETRA Corp., Minneapolis, Minn.*

Circle No. 230 on Inquiry Card.



ENCODING KEYBOARD

A completely assembled, fully encoded keyboard is being offered in volume at a cost of \$68.00 for 65 key positions with no additional set-up charges. Besides low cost, the new keyboard is flexible with respect

to the number of keys, row-to-row alignment, field selection, key style, key stroke, code selection, logic levels, and check bit; and is offered with self-cleaning gold-impregnated contacts. *Synergestics, E. Natick, Mass.*

Circle No. 195 on Inquiry Card.

CARD SET MEMORY

A 72-inch³ memory system consisting of plug-in cards has a memory capacity of 160 words by 8 or 16 bits per word. Designated the CM-1 Series, the memories feature an access time of 2 ms and low temperature coefficient cores. Address decoding, drive circuits, timing, data logic and temperature compensating circuitry are all included. *Ferroxcube Corp., Englewood, Col.*

Circle No. 210 on Inquiry Card.

MAG TAPE UNIT

The 6x40 magnetic tape unit features a read-after-write dual stack head, speeds of up to 37.5 ips, and a rewind speed of 150 ips. The unit can be ordered either in 9-track, 800 bpi or 7-track dual density configurations, and is compatible with the IBM 729 and 2401 (Model 1) and IBM 2415 (Models 1-3 and 1-6). *Peripheral Equipment Corp., Chatsworth, Cal.*

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1024 words	— \$4900
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4096 words	— \$7000

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CIRCLE NO. 29 ON INQUIRY CARD