

## PRODUCTS

### KEYBOARD FOR MICROCOMPUTER SYSTEMS

Keyboard subsystem model 771 includes 56 alphanumeric keys providing entire 128-char ASCII u/lc set, and separate 15-key numeric/cursor control keypad. 4 encoding modes include uc only. 4 power supply options handle any supply source. Interface allows user selection of data, strobe, and parity



sense. Optional adapter converts keyboard to self-contained transmitter with 110- to 9600-baud RS-232 or current-loop serial data output. Std features include auto-repeat, 2-key rollover, and fully buffered outputs. **George Risk Industries**, GRI Plaza, Kimball, NE 69145. Circle 221 on Inquiry Card

## Our new ChainTrain® 1210 zips along at 1000 LPM's ... and has inherited the best features of its 1200 LPM big brother.

We geared down the revs on our new Model 1210 — and we also geared down the price accordingly. Yet, we still gave it all the best features of its 1200 LPM Big Brother. The new Model 1210 has motorized upper and lower tractor positioning, heavy-duty ChainTrain reliability, and it's completely microprocessor controlled.

We geared down the LPM's but didn't take away any of the goodies. Write or call for all the pertinent facts.



DATA PRINTER CORP  
99 Middlesex Street, Malden, MA 02148  
Tel: (617) 321-2400 TWX: 710-348-0794  
Sales Offices: Costa Mesa, CA, Clifton, NJ



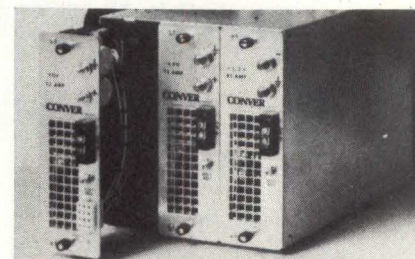
Visit Data Printer Corp. at Booth 1230,  
INTERFACE '79, Chicago, April 9-12.  
CIRCLE 151 ON INQUIRY CARD

### PENCIL SIZED RS-232 LEVEL LOGIC PROBE

Batteryless, 0.5 oz (14 g) in weight, and 5" (12.7 cm) long, PAP can be used to check any lead for high, low, or positive clock indications, as well as ground or broken connections. LEDs are displayed in front, at point of contact. Probe tip fits female RS-232 sockets and ground clip stores in probe's case. Unit may also be used to check TTL levels. Voltage protection to  $\pm 75$  Vdc is provided. RS-232 lead identification is printed on unit and operational instructions are included. **Expander Inc.**, 400 St Claire Plaza, Upper St Clair, PA 15241.

Circle 222 on Inquiry Card

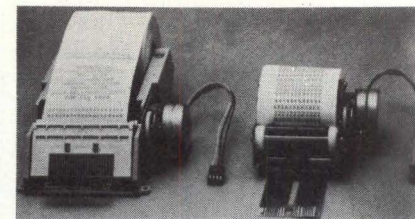
### MULTI-OUTPUT SWITCHING POWER SUPPLY



UL-approved 6000 series provides 3 independent outputs of 600, 600, and 350 W, and total output of 1300 W. Construction is of standardized PCB modules. Features include digital remote margin control, remote on/off and sequencing, LED faulty channel indicator, and signals for out of tolerance, input power failure, and current limit. A 6-year guarantee is offered. **Conver Corp.**, 10631 Bandley Dr, Cupertino, CA 95014.

Circle 223 on Inquiry Card

### ALPHANUMERIC THERMAL LINE PRINTER ASSEMBLIES



EPN9112 and EPN9120 provide 12- and 20-char full alphanumeric capabilities respectively. 5 x 7 dot matrix is achieved by printing lines of 5 dots for each char while a stepping motor advances paper to form 7 dots/col. Thermal mechanism uses beam-lead technology, with connections and blocking diodes built into printhead device. Low peak power requirements suit both units to battery-powered applications. **Texas Instruments, Inc.**, PO Box 22 5012, Dallas, TX 75265.

Circle 224 on Inquiry Card