

INSTRUMENTATION

Four-digit DMM carries low price tag

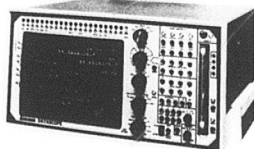
Non Linear Systems, P.O. Box N, Del Mar, CA 92014. (714) 755-1134, \$190; stock.

At \$190, the LM-40 4-digit DMM (10,000 counts full scale) is an alternative to 3-1/2-digit DMMs (2000 counts full scale) that cost as much or more. Dc voltage ac-

curacy is 0.1%. Sensitivity for dc and ac V is as low as 100 μ V. For resistance, sensitivity is 100 m Ω . Ac and dc voltage ranges of 1, 10, 100 and 1000 V are provided. Resistance ranges include 1, 10, 100, 1000 and 10,000 k Ω . The LM-40 comes complete with test leads, rechargeable batteries and a charger unit. Package size is 1.9 \times 2.7 \times 4.0 in. and power consumption is less than 3 W.

CIRCLE NO. 347

Data-comm tester diagnoses, shows errors



Spectron Corp., Church Rd. and Roland Ave., Mount Laurel, NJ 08057. (609) 234-5700. \$7500; 45 days.

Datascope D-601B portable data-communications test instrument pinpoints problems in systems hardware and software by monitoring data-communications channels and showing exactly what was sent and received over the data link—using ASCII, EBCDIC or hexadecimal displays. Errors caused by software bugs, equipment malfunctions or line troubles are immediately visible in full detail, thus reducing time spent tracing problems. The D-601B provides both a CRT display and a magnetic tape recording of all traffic at the business-machine interface of any standard modem at speeds to 9600 bps for recording and 80,000 bps for display.

CIRCLE NO. 348

A keyboard is only as strong as its weakest switch.



That's why we build Wild Rover® keyboards with a switch designed for over 10,000,000 cycles. Multiple contact points distribute circuit energy, provide more positive switching action and reduce contact wear. Our PCK switch has excellent noise characteristics, too. Less than 5 milliseconds bounce on leading and trailing edge.

REFAC offers standard 12 and 16 key keyboards. We'll also build custom keyboards to your specification with special legends or encoding. Or, if you prefer, we can supply our PCK switch as a component for your own keyboard assembly operations.

For more information on our keyboards and PCK switches, give us a call. We can have literature in the mail today.



REFAC electronics corporation

P.O. BOX 809 • WINSTED, CONN. 06098 • 203-379-2731

CIRCLE NUMBER 93

Board testers handle analog/digital circuits

Computer Automation, 18651 Von Karman, Irvine, CA 92713. (714) 833-8830. \$17,450 w/o instrumentation.

Model 4707 adds the capability of automatic analog and hybrid circuit-board testing to the company's Capable 4000 series of computer-controlled test systems. The 4707 is a general-purpose combination of hardware and software options in one add-on package. The package consists of an IEEE-compatible bus for interfacing analog instrumentation; a four or five-bus by 32-pin switching-matrix module; an instrumentation matrix (connecting up to 10 instruments to the analog bus); and a complete control software package. Also included is programmed guided fault isolation.

CIRCLE NO. 349