

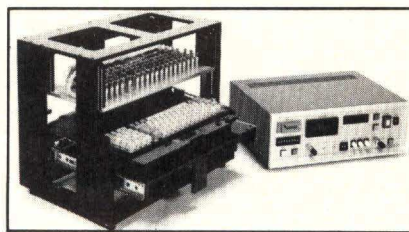
Data-bus exerciser



Portable BUS-68000 exercises, tests, and troubleshoots MIL-STD-1553 systems. Local programming is via a front-panel, 24-pad keyboard and 10-character alphanumeric display. Remote programming is with an 8-bit parallel I/O port or optional IEEE 488 and RS-232 interfaces. Additional features include error generation and error detection, single or continuous messages, variable response time, and built-in self-test. The unit costs \$4995 in quantities of one to nine. **ILC Data Device Corp.**, 105 Wilbur Pl, Bohemia, NY 11716.

Circle 300

Tester for keyboards



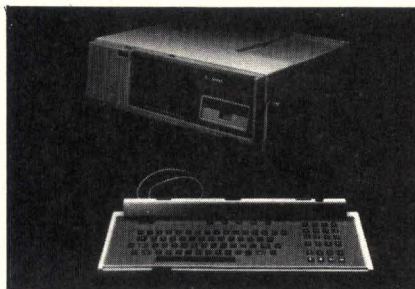
The KRC-2000 system consists of two units, a programmable system control module, and a keyboard actuating module. Together they provide a programmable automated testing device that performs both life and functional tests for virtually any keyboard assembly. Capacity is 128 keys at 10 keys/s. The keyboard operates by input signals from external memory, or built-in ROM data inside the control unit. Printer interface is Centronics parallel. **Osawa & Co.**, 1 Mamiya Ct, Kensington Ctr, Mt Prospect, IL 60056. Circle 301

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Scope calibration system

Calibrating scopes with bandwidths up to 1 GHz, the 4003A makes fast controlled checks by a software/hardware combination. This consists of a Computest software package, IBM PC, color display, dual disk drives, and printer. Color options provide 16 foreground and 8 background choices. The system is priced at \$28,500. **Ballantine Laboratories, Inc.**, 90 Fanny Rd, Boonton, NJ 07005. Circle 302

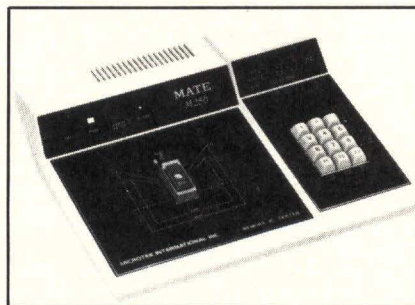
Universal field tester



Through a DSA bus, the 2610 provides high speed data transfers essential to complex microprocessor-based devices. Available modules include diagnostic control, micro interface, measurement, and protocol floppy tests. Based on a Z80A micro, hardware consists of a 5-in. CRT, 256 Kbytes of memory, an 89-key tactile keyboard and a 3 1/2-in. disk drive. Prices start under \$7000. **GenRad, Inc.**, 300 Baker Ave, Concord, MA 01742.

Circle 303

Static RAM EPROM tester

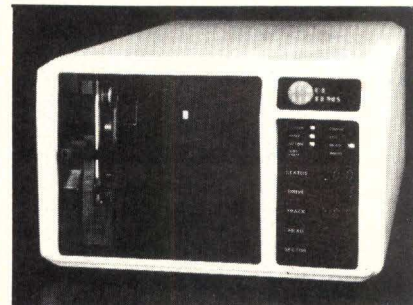


Mate M256 benchtop unit evaluates, tests, and measures access times of 16- to 256-Kbyte EPROMs or EEPROMs, and 16- to 64-Kbyte static RAMs. The tester indicates pass or fail for access times between 50 and 770 ns. Desired access time is keyed into the actual time registers on a digital display. Supply voltage can be 5.5, 5.25, 5, 4.75, or 4.5 V. An RS-232-C port allows memory up/downloading from the host CPU. **MicroTek Lab, Inc.**, 17221 S Western Ave, Gardena, CA 90247.

Circle 304

MEMORY SYSTEMS

Winchester disk system



A 51-Mbyte universal mass storage system is compatible with Corvus host adapters available for IBM, TI, and Apple. The system uses run-length limited coding and a proprietary controller design for up to 60 percent more usable storage. In addition, transfer rates increase from 5 to 7.5 Mbits/s. Up to 64 users can share a single unit. A removable backup 1/4-in. tape cartridge with 32 Mbytes of online storage comes separately. The system costs \$4595 and the backup is \$1295. **Sunol Systems**, PO Box 1777, 1027 Serpentine Lane Pleasanton, CA 94566. Circle 305

High speed Multibus memory

The MM-7000D memory board features an 200-ns access time and a 325-ns cycle time. Compatible with 68000, 8086, and Z8000 micros, the unit uses either 256- or 64-Kbyte RAMs in five capacities. Odd parity generation and checking are available with parity output stored in onboard error status register. An onboard option allows auto-switch to external backup batteries at power failure. Adjustable XACK/delays optimize system performance. A 512-Kbyte unit costs \$995. **Micro Memory, Inc.**, 9436 Irondale Ave, Chatsworth, CA 91311.

Circle 306

Memory board with 64 Kbytes

The CMOS memory module has battery backup and a write protect feature. The DCM 64 accepts eight 8-Kbyte 6264s or 2-Kbyte 6116s, or eight 8-, 4-, or 2-Kbyte PROMs or EPROMs. The write protect functions to convert RAM into ROM. For example, during software development, a program can be written, executed, and debugged in RAM, then protected in ROM. An onboard NiCad rechargeable battery makes the module portable. In single piece, fully populated with eight 6264 RAMs, the board costs \$850. **Dynatam Inc.**, 22600-D Lambert St, El Toro, CA 92630. Circle 307