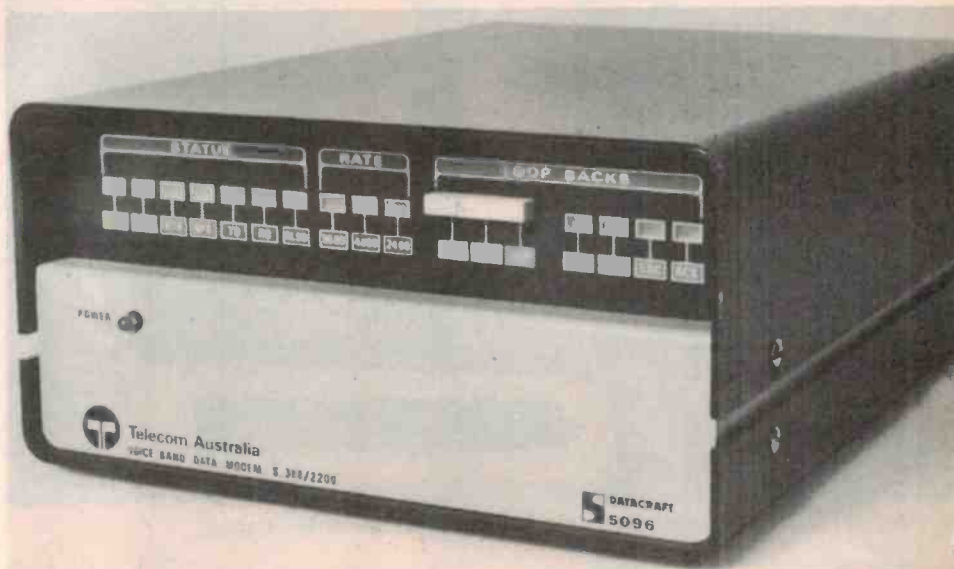


Datacraft modems for Telecom

In another example of local high technology expertise, Datacraft (Australia) Pty Ltd has won contracts totalling \$7.5 million to supply Telecom Australia with its Australian designed and manufactured high-speed data modem, the 5096. The Melbourne based company won the contract against competition from more than a dozen international competitors.

Managing director Mr George Kepper says that the success of the product has vindicated the substantial research and development effort required to bring it to the market. "Surely we are an example of a 'sunrise' industry if ever there was one," he says. "We are at the forefront of modern technology, we are employing large numbers of local people, we are putting substantial effort into R and D, we are winning important



contracts, and we are helping to keep profits in Australia."

The 5096 modem is designed to be a single economical replacement for three separate data modems currently in use around the world. An important feature

of the modem is its automatic equalisation to suit different conditions in telephone circuits, making it suitable for applications ranging from small in-house operations to data transfers across international circuits.

Computer-aided design software for IBM PC

Sourceware Pty Ltd has announced a new graphics software package for the IBM PC which allows architects and engineers to design and model using three dimensional projections. Called "MicroCAD", the system was developed by US company Computer Aided Design, and is expected to retail in Australia for \$1100.

MicroCAD makes it possible to design complex objects in three dimensions, and is expected to find applications in architecture, engineering, interior decorating and education.

Users can build a collection of data files representing three dimensional objects and recall them for display in any combination. Images can be moved on the screen, rotated and scaled and

viewed in perspective, with explanatory labels. Co-ordinates, bearings and line lengths can be edited on a monochrome monitor while the resulting constructions are viewed on a colour graphics monitor.

A light pen, digitiser tablet and a range of plotters are fully supported by MicroCAD, which can also take data from Visicalc files and display them as graphic charts.

The software is designed to run on an IBM PC or IBM XT with a minimum of 128K of memory and two disk drives. It will also work with a hard disk drive.

Further information is available from Sourceware Pty Ltd, 4/73 Albert Ave, Chatswood, NSW, 2067. Phone (02) 411 5711.

Automatic IC tester from Microtek

Microtek International has released the latest product in its MATE series of automatic test equipment. Known as the TC2000 Digital IC Function Tester the new instrument can automatically test 1600 varieties of integrated circuits, including 54/74 series TTL and high speed CMOS devices, and 1800 and 4000 series CMOS devices.

A 15 key keyboard allows particular pre-programmed test sequences to be selected, without the use of plug-in modules, test adaptors or multiple switches. Eight, 14, 16, 18 and 20-pin dual in-line packages can be tested and exercised through their complete truth tables. Output characteristics such as open collector and high impedance modes can also be distinguished.

Other features include a Loop function which allows automatic repetition of a test cycle, and an auto search mode which allows identification of unknown ICs.

Throughput of the device is limited only by the speed at which an operator can load and unload devices and results are clearly indicated as Pass, Fail or Fail Overcurrent.

For further information contact Macro Dynamics, 66 Barry St, Bayswater, Vic 3153.

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