

HP computer and measurement advances



Series 30: the new, lowest-priced member of the HP 3000 computer family.

When you need immediate access to information, the new Series 30 can provide it with unprecedented economy. An entry level, general purpose computer, the Series 30 can operate as a stand-alone system or as a station in a distributed data processing network. It can simultaneously handle transaction processing, on-line program development, batch operations, and data communications in any of five high-level programming languages.

HP's proprietary silicon-on-sapphire (SOS) integrated circuit technology makes possible the small size and low power requirements of the Series 30—it is housed in a cabinet measuring only 24 by 36 by 18 inches, and is accompanied by a disc drive and system console.

All communications are handled by the new Intelligent Network Processor (INP), an SOS-based computer in its own right. The INP offloads the communications management task from the CPU, permitting high levels of system performance concurrent with communications to other systems.

All members of the HP 3000 family use fully compatible systems software[†], and application programs written on any HP 3000 system can be run on any other without reprogramming, recompiling, or relinking. Thus the Series 30 can prove its value in two significant ways: for the company purchasing its first computer,

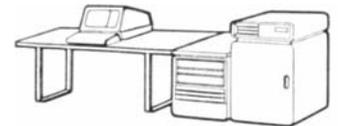
software developed for the Series 30 will remain valid when the system is expanded; for the company wishing to exchange information among a number of departments or manufacturing sites, the Series 30 is an economical station in a distributed systems network of HP 3000's. Prices start at \$49,750*.

[†]APL/3000 is available only on the Series III.

A family of compatible business systems for distributed data processing.

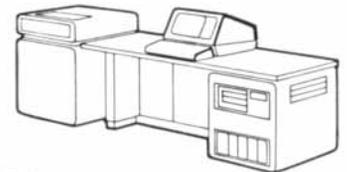
HP 3000 Series 30

The entry level Series 30 provides immediate information access at low cost, as a stand-alone system or as a station in a distributed data processing network.



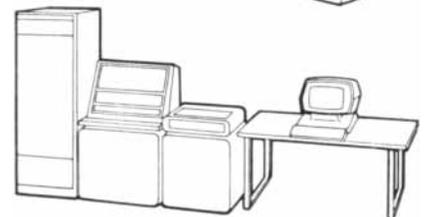
HP 3000 Series 33

The mid-range Series 33 offers an effective solution where several or possibly all of the functional areas of a business require efficient local information processing, with added capability for handling data communications lines.

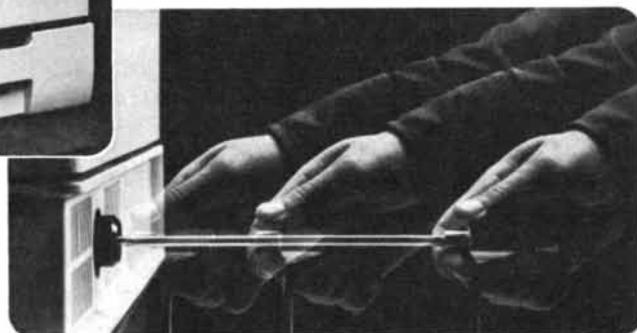


HP 3000 Series III

The top of the line Series III performs well in several roles such as supplying computer power to a large number of users, or centrally controlling a network of HP 3000's.



extend your possibilities.



HP's new benchtop gas chromatograph/mass spectrometer: a new standard in versatility, performance, and price.

The new HP 5995 is an economical GC/MS system with the versatility to meet a wide range of analytical needs. It is the first benchtop system with a direct insertion probe that gives the user the choice of bypassing the GC—a useful technique for rapid identification of pure substances, and an essential one for the analysis of compounds that cannot be chromatographed.

The HP 5995 incorporates recent advances in mass spectrometry such as hyperbolic rods in the quadrupole mass filter which im-

prove spectral quality, and its HP computer technology eliminates the need for skill in tuning various mass spectrometer voltages.

An integral HP 9825 computer controls both the gas chromatograph and mass spectrometer, processes the data, and provides hard copy in a variety of formats on its thermal printer/plotter. Software supplied for the HP 5995 includes routines that tune and calibrate the system to Environmental Protection Agency standards, perform standard GC/MS analyses, do selected ion monitor-

ing, plot and tabulate normalized spectra, and search spectral libraries for quick matching.

Like HP's other GC/MS systems, the HP 5995 is highly accurate, reliable, and easy to use. Its price is \$65,000*.

For more information, mail the coupon to Hewlett-Packard, 1505 Page Mill Road, Palo Alto, CA 94304. Or call the HP regional office nearest you: East (301) 258-2000, West (714) 870-1000, Midwest (312) 255-9800, South (404) 955-1500, Canada (416) 678-9430.



Mail to: Hewlett-Packard, 1505 Page Mill Road, Palo Alto, CA 94304
Please send me further information on

- HP 3000 Series 30 computer system
- HP 5995 gas chromatograph/mass spectrometer

Name _____
Company _____
Address _____
City _____ State _____ Zip _____

*Domestic U.S. prices only.

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