There's nothing hard about our software.

System Gold™, the Personal™ Chromatograph, teams an advanced HPLC system with a powerful personal computer* to make balancing many LC functions a lot easier.

The software is what makes it so easy. A mouse, drop down menus, truly helpful help screens and enhanced graphics give you the easiest control of your data ever.

All System Gold LC modules are fully programmable, and linked on a bi-directional digital network. So you control and monitor the entire system from a single point.

Superior integration algorithms always give you accurate, reproducible results. Stunning post-run graphics make data comparison and spectral analysis especially easy. Because of multi-tasking, you can even review data while the system is doing another run.

And it's easy to configure System Gold for any application — methods development, QC, analysis of amino acids, proteins, peptides and more.

Contact your Beckman HPLC Representative at 800/742-2345. Or Beckman Instruments, Inc., Altex Division, 2350 Camino Ramon, PO. Box 5101, San Ramon, CA 94583. Offices in major cities worldwide.

There's nothing hard about it.

*IBM Personal System/2, PC-AT, PC XT or NEC portable.

IBM* Personal System/2, PC-AT and PC XT® are trademarks of International Business Machines Corporation.

NEC★ is a trademark of NEC Corporation.

© 1988, Beckman Instruments, Inc. AX67-1532B

BECKMAN

Send Representative and Literature circle No. 56
Send Literature only circle no. 59
We Take Great Ideas... & Make Them Even Better™

500 Series | IEEE-488 Interfaces | Circular Thermal Print Recorders | High Capacity Digital I/O | Portable Recorders | Stand-Alone Interfaces

From $975 | $395 | $940 | $495 | $1,050 | $1,995

Event Recorders | Data Acquisition Software | Handheld Data loggers | Voice Synthesis Alarm Units | Plotters

$444 | $1,495 | $559 | $345 | $1,400

Digital Transmitters | Economical Mv Recorders | Plug-In Cards for IBM PS/2 | Remote Logging Systems

$245 | $285 | $300 | $1,832

Ask For Your FREE Handbook Qualification Form

Dial (203) 359-RUSH (203) 359-7874

NEW! FREE! NOW HARDBOUND!
Over 600 Full Color Pages

The 1990/91 OMEGA Complete Data Acquisition and Computer Interface Handbook and Encyclopedia™
Circle No. 79 on Readers’ Service Card

An OMEGA Technologies Company
One Omega Drive, Box 4047, Stamford, CT 06907
Telex 996404 Cable OMEGA FAX (203) 359-7700

For Orders and Technical Information Call

1-800-OEMEGA

IN CT. (203) 359-1660

Also Available FREE: Temperature, Pressure, Flow, pH and Electric Heaters.
Introducing SigmaPlot™ 4.0.
The powerful new version of the world's finest PC software for the production of publication-quality scientific charts and graphs...on your own IBM® or compatible personal computer.

Used by over 15,000 scientists.
SigmaPlot, Version 3.1, is the software of choice worldwide for creating graphics for scientific papers and poster sessions. It was selected "Editor's Choice" by PC Magazine for its outstanding output. Now, Jandel's new SigmaPlot Version 4.0 gives you all of the advantages of 3.1...and much, much more.

Designed with the scientist in mind.
SigmaPlot 4.0 is elegant and easy to use...with its pull-down menu interface, mouse and keyboard support, novice prompting, and full context-sensitive interactive help. Input data directly from the keyboard, or from Lotus 123®, or ASCII files, into SigmaPlot's huge worksheet - 16,000 columns by 65,000 rows. Version 4.0's full mathematical transform language lets you plot mathematical functions or transform data. SigmaPlot 4.0 also gives you highly sophisticated non-linear curve fitting...and error bars that are complemented by confidence intervals and quality control lines.

Outstanding plot output.
Extremely high-quality output is given, a result of extraordinary control over the appearance of your graphs. With SigmaPlot 4.0 you have outstanding page layout control, as well as control over individual width, color and position of independent graphic elements. You also have more fonts, more scales, and more graph types to work with. Not to mention multiple axes, Greek, mathematical and European characters, descriptive statistics, and much more. You can easily export graphs into WordPerfect® 5.0, Pagemaker®, Ventura Publisher® and many other programs. And SigmaPlot outputs to plotters, slide makers, dot matrix printers, Postscript® and HP Laserjet™ printers.

Affordable and fully supported.
Priced under $500, SigmaPlot 4.0 is well within reach of any research facility. And, like all Jandel products, SigmaPlot 4.0 comes with a money-back guarantee and the full technical support of Jandel's experts. It's what you'd expect from the leader in software for scientists. Find out how much you can do with SigmaPlot 4.0. Call today for a FREE brochure:
1-800-874-1888 (inside CA 415-924-8640).
Nikon's Microphot-FXA...the first research microscope to display real intelligence...

**Simplifies** complex microscopy and photo protocols with user defined software management.

**Resolves** images called "the best in microscopy today" with a choice of over 130 CF lenses including new 1.4 N.A. 60x and 100x oil plan apochromats.

**Produces** the brightest low light image in the shortest exposure time.

**Concentrates** essential controls in a single "ergo-control center" so your eyes never leave the specimen.

**Switches** effortlessly between transmitted or reflected light techniques including: brightfield, darkfield, DIC, pol, fluorescence, rectified, phase contrast, interferometry, Hoffman Modulation Contrast® and VRM illuminator.

**Displays** key camera and microscope data on a clear, bright LCD screen.

**Imprints** exposure time, film speed, frame number, bracket exposure adjust, lux intensity, auto-scale, photo magnification or user defined ID file name/number on the film.

**Calculates** total magnification and prints it on the film.

**Detects** the DX code from the film cassette and automatically sets the film speed.

**Automates** control of brightness, motorized nose-piece, focus, stage movement, photo light path selection and condenser aperture.

**Documents** hard copy of all functions via desk-top printer.

**Stores** data and automated functions for up to 3 attached cameras independently for a total of 18 separate data print files.

**Communicates** with a host computer for remote control and quantitative applications.

**Responds** to computer commands via RS 232 protocols.

You've just begun to touch on the total system advantages of the Nikon Microphot-FXA. Discover more. Contact Nikon Inc., Instrument Group, 623 Stewart Avenue, Garden City, NY 11530. 516-222-0200.
After centuries of practice, mankind perfects scientific calculations: MathCAD.

Announcing MathCAD 2.5: The Dawn of a New Age.

What the historians will call it, only time will tell.
Perhaps the Century of Speed, or the Era of Ease. But whatever the name, this is the age of MathCAD 2.5, the only math package that looks and works the way you think.

MathCAD 2.5 includes 3-D plotting, HPGL sketch import, and PostScript output.

MathCAD is far and away the best-selling math package in the world. Because it lets you perform engineering and scientific calculations in a way that's faster, more natural and less error-prone than the way you're doing them now—whether you're using a scratchpad, calculator, spreadsheet or program that you wrote yourself.

And now we've made the best even better. MathCAD 2.5 is a dramatically improved version that includes three-dimensional plotting, enhanced numerical analysis, and the ability to import HPGL files from most popular CAD programs, including AutoCAD. And now you can print on PostScript compatible printers.

And like before, MathCAD's live document interface™ lets you enter equations anywhere on the screen, add text to support your work, and graph the results. Then print your analysis in presentation-quality documents.

It has over 120 commonly used functions built right in, for handling equations and formulas, as well as exponentials, differentials, cubic splines, FFTs and matrices.

No matter what kind of math you do, MathCAD 2.5 has a solution for you. In fact, it's used by over 60,000 engineers and scientists, including electrical, industrial, and mechanical engineers, physicists, biologists, and economists.

But don't take our word for it; just ask the experts. PC Magazine recently described MathCAD as "everything you have ever dreamed of in a mathematical toolbox."

And for Macintosh® users, we present MathCAD 2.0, rewritten to take full advantage of the Macintosh interface. Entering operators and Greek letters into equations is pure simplicity!

Look for MathCAD 2.5 at your local software dealer, or give us a call. For more information, a free demo disk, or upgrade information, dial 1-800-MATHCAD (in MA, 617-577-1017).

Available for IBM® compatibles and Macintosh computers.

MathSoft, Inc., One Kendall Square, Cambridge, MA 02139

Circle No. 92 on Readers' Service Card

A Masterflex® pump is more than just a fluid transfer system. It's the answer to your many pumping needs. Call 1-800-323-4340 today for your pumping solution.

COLE-PARMER INSTRUMENT COMPANY
7425 NORTH OAK PARK AVENUE
CHICAGO, ILLINOIS 60648

Circle No. 55 on Readers' Service Card

Your life line.

BIOSIS Connection®

Keeping your finger on the pulse of biological and biomedical research information is as easy as pressing a button. The BIOSIS Connection is your low-cost direct line to the world's largest abstracting and indexing service for the life sciences, and you can be part of it!

This exciting and invaluable computerized information service connects you to all research and professional information needs, with current awareness databases covering journal literature, patents, books, meetings, theses, upcoming events and employment openings. All it takes to extend your life line is a modem-equipped personal computer or terminal and a phone line. And what's more, you need no special search skills to use the BIOSIS Connection!

Put your fingers on the life line...Subscribe now to the BIOSIS Connection!

BIOSIS Connection is a registered trademark of BIOSIS.

For more information, a Sign-Up Kit, or a free demonstration disk, contact BIOSIS, 2100 Arch Street, Dept. IT190LL, Philadelphia, PA 19103-1399 USA. Telephone (215) 587-4800 worldwide; toll free 1-800-523-4806 (USA except PA); Telex 831739, Fax (215) 587-2016.

Circle No. 6 on Readers' Service Card


