

# The Software Toolworks\*

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## Fall 1985 Catalog Update

We've been so busy adding new products recently that we haven't had time to redo our catalog! So we're using this "update sheet" to let you know about all the new goodies, like:

- o READING PROFESSOR Speed Reading Course
- o MYDIET Diet and Nutrition Helper
- o C/NIX provides MSDOS 2 and UNIX-like features for CP/M-80
- o ZP/EM runs CP/M-80 programs on MSDOS
- o MEDIA MASTER + reads CP/M disk formats on IBM PC; includes ZP/EM
- o MYWRITE Word Processor for MSDOS
- o CHOCOLATE BYTES: New On-line Cookbook
- o TOOLWORKS C Compiler & MATHPAK for MSDOS
- o REACH/86 MSDOS Communications Software

Most of our CP/M software is now available in additional disk formats, including Apple II CP/M, Televideo, and Morrow. Call us about availability of these and other disk formats.

We're now selling floppy disks, regular and chocolate. Details below.

Kaypro and Epson QX-10 owners note: We've developed a beautiful set of MYCHESS graphics that really show off your display! See the full MYCHESS writeup in our catalog for details on this great chess program. Graphics require CP/M B release on Epson, won't work on pre-'84 non-graphics Kaypros.

Zenith Z-100 owners: We continue to support this powerful machine. REACH/86, MyCalc, MyWrite and MYCHESS all run on Z-100 as well as IBM PC compatibles. MyWrite displays with true bold and underlining. And the graphics on MYCHESS are fantastic!

TOOLWORKS C -- NOW FOR MSDOS

Now program in C on your MSDOS computer, with TOOLWORKS C, the 16-bit version of our popular 8-bit C/80 compiler, and an even better value.

TOOLWORKS C accepts a virtually complete subset of C, except for typedef, bit fields, arguments to #define macros, declarations within nested blocks, and the #line preprocessor command. Efficient code generation ("Sieve" benchmark runs in 12 seconds) produces .OBJ files directly for use with the MSDOS linker; no assembler is required.

Greatly expanded standard I/O library includes peek/poke, DOS and hardware interfaces, and exec, as well as a complete set of I/O and string routines. Separate libraries interface to DOS 1, DOS 2, or both. And all library source is provided at no additional cost.

Runtime profiling prints out number of calls and time spent in each routine, lets you tune your program for efficiency. Others sell this capability alone for over \$100. Execution trace also included.

The separate TOOLWORKS C MATHPAK adds 32-bit long integer and floating point capability to your compiler. Includes a library of transcendental functions, with source code. Provides optional 8087 support.

TOOLWORKS C requires any version of MSDOS and at least 128K of RAM. TOOLWORKS C is \$49.95; Order #202-I5. The TOOLWORKS C MATHPAK is \$29.95; Order #231-I5.

COMMUNICATIONS PACKAGE FOR MSDOS

Dial into timesharing systems, upload and download files, and transfer data between two microcomputers using the REACH/86 communications package. Supports file transfers using Christensen (XMODEM) and CompuServe A protocols, as well as "raw" text transfers. Emulates the popular DEC VT-52 and Zenith Z-19 terminals to run screen editors and other mainframe smart terminal applications. Operates at speeds up to 19,200 baud.

Special features of REACH/86 include over 30 programmable function keys for functions such as automatic dialup and login, on-screen connect time clock, and built-in directory utility for examining and sorting directories, looking at files, and selecting files for deletion or bulk transfer.

Menu-configurable parameters include display colors, local echo, echo to printer, modem speed and port configuration. Each user can save his own personal configuration with optional password protection to provide security.

Includes 30 page manual with index. Requires IBM PC, XT or compatible, or Zenith Z100; 128K of RAM and asynchronous serial interface. REACH/86: \$39.95; order #205-I5.

TEXT PROCESSOR FOR IBM PC, ZENITH Z100

MyWrite is an easy to use integrated word processor for the IBM PC, Zenith Z100, and compatible computers. Ideal for word processing and program file editing, MyWrite's command-line menu and extensive on-line "help" make it easy to learn and use.

Although designed for simplicity, MyWrite provides advanced features such as cut and paste, page headers and footers, underlining and boldface, paragraph justification, and more. On-screen display shows just what will appear on your printer. Internal print spooler lets you continue writing while your document prints out.

Many configuration options let advanced users tailor MyWrite to taste, program sophisticated operations using 24 macro keys, store a custom configuration for an individual directory or even a file. Integration with SPELL (Version 1.03 required; available



separately) allows proofreading without leaving MyWrite. Makes use of all available RAM; at least 128K required. MyWrite is \$49.95; order #252.

### READING PROFESSOR SPEED READING COURSE

Busy executives, engineers, students and yuppies would love to have more time in their day. That's why a speed reading course is an ideal home or business computer application. And we are now the exclusive publishers of the CP/M and MSDOS versions of the READING PROFESSOR speed reading course from Executive Systems, Inc.

Tested and found effective in several university studies, READING PROFESSOR provides seven different exercises designed to increase reading speed, train eye movement, stretch ability to take information from a wider "window" and several lines at once, and improve retention. Because of the computer's display speed, its ability to lay out text in two dimensions, and highlight words and phrases, it is the ideal medium for this kind of self-improvement course.

To avoid repetition, the text exercises use a general interest library of 48 reading passages, totalling over 25,000 words. To tailor READING PROFESSOR to specific audiences, three specialized libraries are available as add-ons: a Junior High Library for most teenagers, a College-Adult library, and a Professional Library for the business or career oriented.

READING PROFESSOR is available for the IBM PC and compatible MSDOS computers, and for Kaypro, Osborne (double density), Epson QX-10, and Heath/Zenith (soft sector only) CP/M. Comes preconfigured for the computer corresponding to the disk format; competent users may reconfigure for other displays.

READING PROFESSOR is \$59.95; order #245 and specify disk format. Add-on libraries retail for \$15.95 each; order Junior High Library #246, College-Adult Library #247, or Professional Library #248.

### CHOCOLATE COOKBOOK ...

Our latest entry in the Computer Chef series, CHOCOLATE BYTES is the ideal software for chocolate lovers who own computers. Now enjoy your favorite ingredient in over 100 luscious recipes, selected from the pages of Chocolate News, the newsletter for chocolate fans. Recipes include desserts, main dishes, sauces, plus some surprises.

All the recipes are organized on diskette for your personal computer using the Computer Chef database program (included). Automatically selects recipes by title, ingredients or keywords, so you can pick out all the recipes which contain cinnamon but not salt and are "fast" to make. Prints recipes on your printer; add your own recipes using any word processor.

CHOCOLATE BYTES is the ideal gift for anyone who ever smeared chocolate on a keyboard. Available in all Software Toolworks disk formats. Price \$29.95; order #242.

### ... AND CHOCOLATE DISKETTES ...

Yes, it's the ideal gift for computer owners who love chocolate! The Original Chocolate Byte is 4.8 ounces of delicious double density milk chocolate in the shape of a 5 1/4" diskette. Comes packed in a hard reusable vinyl case which stores up to 3 real diskettes after you've eaten the chocolate one. Great for Christmas, birthdays, any special occasion, or no special occasion. Price \$9.95, order #200.

### ... AND REAL DISKETTES.

Since we buy bulk diskettes in large quantities, we get a great price, and now we're sharing the savings with you. 25 double density 5 1/4" diskettes, including Tyvek diskette sleeves, for only \$29.95. Specify single or double sided. Shipped via UPS; mail additional. Sorry, no 10 sector diskettes available.



NUTRITION AND DIET HELPER

Now dietary professionals and health-conscious individuals alike can track personal nutrition using this comprehensive database plus the precision and convenience of your personal computer.

Following easy to use on-screen command menus, you enter the amount of each food you eat. MYDIET computes and displays your total calories, vitamin, mineral, fat, protein, sodium and cholesterol intake. You can get a table of your nutritional deficiencies and excesses over any period up to 60 days. Stores data for up to 22 people on a single floppy disk; use as many disks as you need.

Your individual Recommended Daily Allowances (RDA) are computed, based on your age, weight, sex and activity level. MYDIET can even create a personal diet plan to gain or lose weight over a specified time period. After it computes your requirements, you can further customize them to suit your personal inclination or your doctor's advice. MYDIET can display or print the percentage of your RDA satisfied by the foods you've eaten or any food or meal in the database.

MYDIET contains nutritional information on 24 nutrients in over 1000 foods, from tuna to tacos, barley to a Big Mac. You can customize the food lists by adding, changing or deleting foods, even enter meals or recipes made up of foods in the database.

Requires an IBM PC, PCjr, XT or compatible with 128K of RAM. Price \$49.95; Order #244-I5.

MSDOS AND UNIX CAPABILITIES FOR CP/M ...

You can have many of the sophisticated features of UNIX and MSDOS 2.0, on your present 8-bit CP/M computer. The C/NIX operating system enhancement gives CP/M 2.2 such enhancements as input/output redirection, pipes and filters, and selectable screen paging.

Hard disk owners will find the hierarchical file directory system perfect for organizing your disk into project areas without having to partition, or hassle with user numbers. Both program and data files can be placed in a top-level directory and accessed from any directory; no more multiple copies of overlay files needed.

C/NIX adds many handy features to CP/M, like asking for confirmation before copying over existing files, and "verbose" mode on command (.SUB) files and common commands. Command files can be called by name just like .COM files, and C/NIX lets you nest them. On-line help facility explains each command in detail.

Recommended for hard disk or large capacity floppy-based systems, C/NIX occupies only 2.3K of user memory plus about 42K of disk (154K if the complete help facility is loaded). Available in all Software Toolworks CP/M disk formats. Requires CP/M 2.2; will not work with CP/M 1 or 3. Price \$59.95; order #243.

... AND CP/M-80 CAPABILITY FOR MSDOS

The Software Toolworks does it again, with a selection of software that lets you read your old eight bit software disks on your new MSDOS machine -- and run the programs -- all without additional hardware!

Two technical wizards joined with the Toolworks to bring you this powerful capability. Ray Livingston of Livingston Logic Labs gives you the ZP/EM software, which emulates an 8080 processor to execute your CP/M software at an equivalent processor speed of about 1 MHz.

And Mark Graybill of Intersecting Concepts has agreed to let us offer you the opportunity to acquire his MEDIA MASTER software along with ZP/EM for only \$20 more. MEDIA MASTER reads, writes and formats most double density CP/M disk formats on IBM PC and compatible computers.

ZP/EM runs most CP/M software, including dBase II, BASIC, and many utilities and word processors. It also includes terminal emulation to execute software written for Osborne, Kaypro, Heath/Zenith and DEC VT52 displays.

ZP/EM has a few limitations, of course. It can't run programs which access hardware directly, modify the operating system, or use Z80-specific instructions. The terminal emulation requires an IBM PC or compatible only, and graphics characters are not simulated. ZP/EM runs on any MSDOS system with at least 192K RAM.

MEDIA MASTER recognizes over 60 double density 5 1/4" CP/M disk formats, including Osborne, Kaypro, and Zenith. It reads and writes files, formats disks,

displays files and directories. **MEDIA MASTER** requires an IBM PC or XT and 192K RAM.

The **MEDIA MASTER+** package, including **MEDIA MASTER** and **ZP/EM**, is only \$59.95; order #250-I5. If you can't use the disk format capability, order **ZP/EM** alone for \$39.95, part #249-I5. Your machine must be IBM PC compatible to use **MEDIA MASTER** and the terminal emulation features of **ZP/EM**.

### **ZP/EM MODIFICATION KIT**

For **ZP/EM** owners who are experienced assembly language programmers, we are making this kit available. Contains what you need to modify and extend the terminal emulation to provide additional features, to emulate other terminal types, and to emulate additional 8080 or Z80 hardware input/output port functions. Modification of CPU emulation is not supported.

The Modification Kit includes all object modules for **ZP/EM** in linkable form, and source to reassemble the necessary terminal emulation modules (macro assembler not included). Also included are brief instructions sufficient to allow the experienced programmer to use the Modification Kit. However, please note that we are unable to provide any additional technical information or assistance in the use of the **ZP/EM Modification Kit**.

The Modification Kit also includes stand-alone terminal emulators without **ZP/EM**, which allow MSDOS programs to use the terminal characteristics of Zenith Z19, VT-52, Kaypro or Osborne displays. No programming expertise is needed to install and run these emulators, although it may be necessary to modify existing MSDOS programs to output the control sequences which make use of them.

The **ZP/EM Modification Kit** is \$29.95; order #251-I5. For IBM PC and compatibles only; requires **ZP/EM**.

### **ORDERING INFORMATION**

You may order by mail or phone; our address and number are on front page. Add \$2 per order shipping (\$3 if order contains 8" disks or blank diskettes; overseas \$3 or \$5). Calif. residents add sales tax. We accept MasterCard, VISA or American Express; provide name on card, card number, expiration date, and for American Express, effective date. We ship UPS or First Class Mail at our option unless otherwise specified.