

Handheld computer packs computational power and expandability into pocket size

Hewlett-Packard's HP-71B Handheld Computer, designed especially for technical professionals, is a versatile, easy-to-use tool for numeric computation and calculation. It features enhanced BASIC language and a specially designed calculation mode, plus a variety of options and application packages.

To perform repetitive calculations, you can either write programs in BASIC language or use available application packages. For one-time calculations, the *CALC* mode lets the HP-71B function as an advanced calculator. Variables assigned a value in the BASIC mode can share their value in the *CALC* mode and vice-versa. The *CALC* mode can execute algebraic subexpressions as they are entered, perform automatic parenthesis matching, and provide user-defined function support.

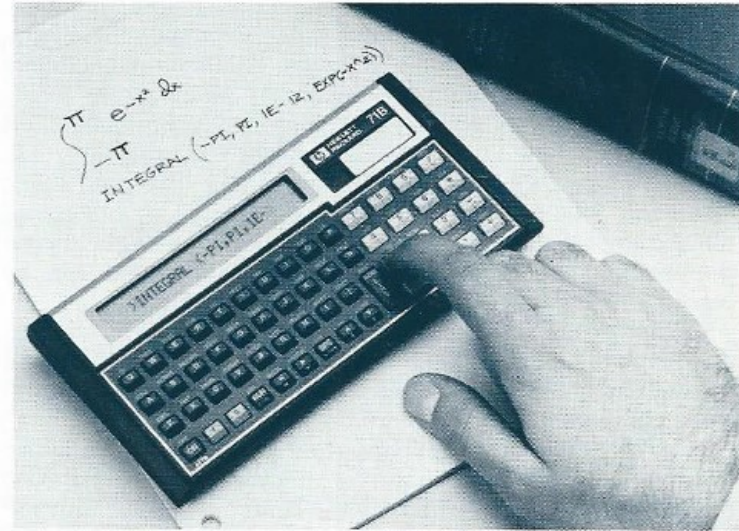
Other key features

The HP-71B's large continuous memory—a standard 17.5K bytes of RAM and 64K bytes of ROM—allows you to store more data, create larger software programs, and store a larger number of programs than most handheld computers. Designed for versatility and customization, the HP-71B features built-in slots for an optional magnetic card reader and for the HP-IL (Hewlett-Packard Interface Loop). Four plug-in slots let you expand memory by either 16K bytes of RAM (for a total of 33.5K bytes) or by 256K bytes of ROM (for a total of 320K bytes), or some combination of both.

As portable as a notepad, the HP-71B weighs 12 ounces and measures $3\frac{7}{8}$ in \times $7\frac{1}{2}$ in \times $\frac{1}{2}$ in. It has a block QWERTY keyboard with typing aids for easy program entry. The keyboard includes a 10-digit number pad and is completely redefinable. Overlays are available for custom keys.

The HP-71B's 8×132 -element, one-line dot matrix LCD display has a large font and features extensive status annunciators. Twenty-two characters of a 96-character line are displayed at one time.

You can customize the software written for the HP-71B by using programming aids such as programmable key defini-



You can perform advanced calculations such as statistical analysis and trigonometric functions quickly and easily with the HP-71B Handheld Computer.

tion, key files, language extension files, window command, and autostart. You can extend the BASIC language with additional keywords, override BASIC with Assembly/Forth, or override the entire operating system.

A variety of peripheral devices can be used with the HP-71B. Using the HP-IL module, you can interface it with either a 24-character strip printer or a full-page printer, including HP's new Thinkjet printer. A plotter, a video interface, a digital-tape memory, or any of several scientific instruments can also be used with the HP-71B. The use of other HP interfaces, such as the HP-IB (IEEE 488), RS-232-C, and general-purpose I/O (GP-IO), can further expand the range of available peripheral devices.

Price of the HP-71B Handheld Computer is \$525. For more information, check **M** on the HP Reply Card.