

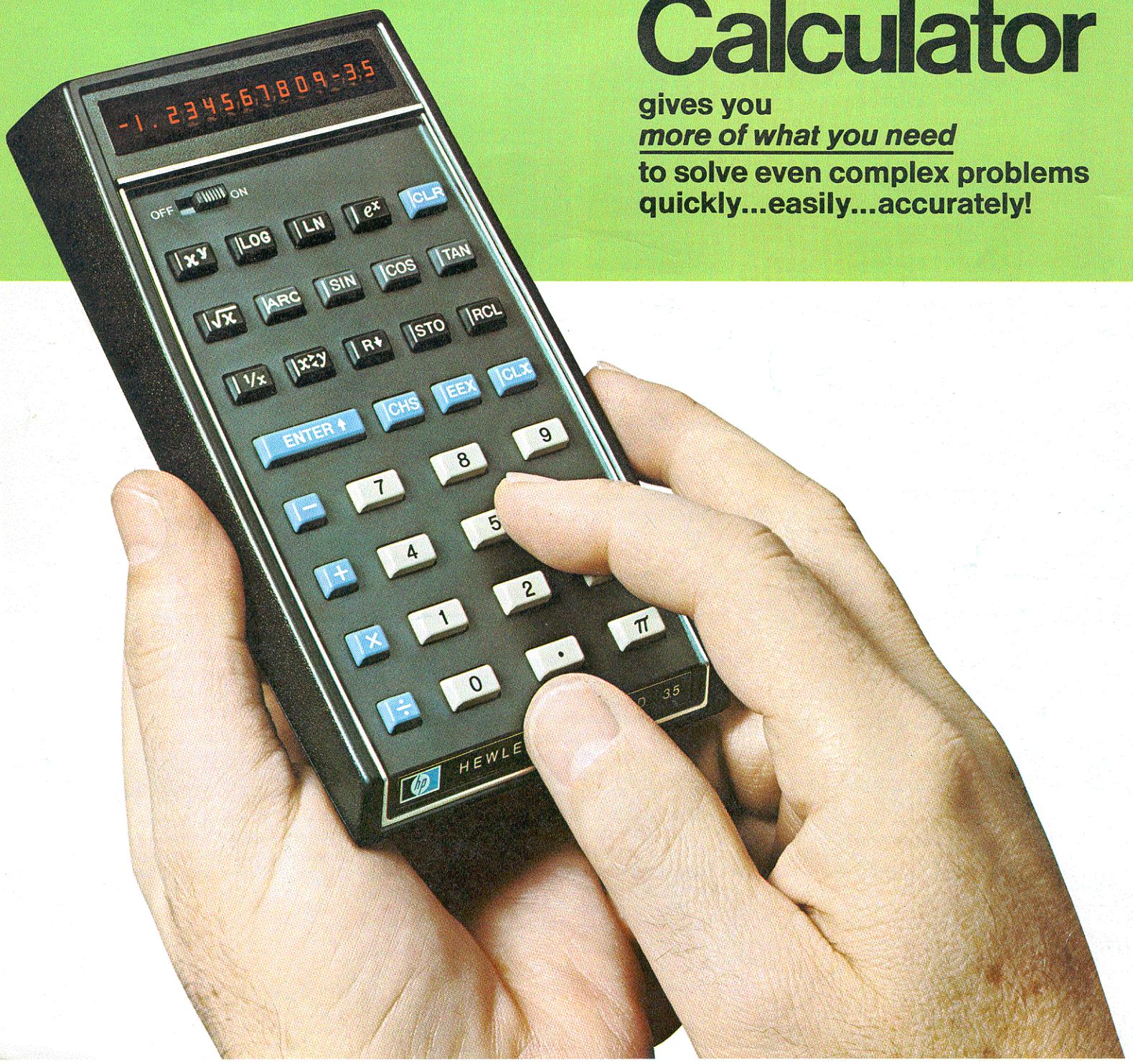
The Hewlett-Packard

HP35

Scientific Pocket Calculator

gives you
more of what you need

to solve even complex problems
quickly...easily...accurately!



There's a big difference in scientific pocket calculators

The HP-35 combines sophisticated mathematical capabilities with shirt-pocket portability—and it's as easy to use as an adding machine!

Compare the HP-35 with other scientific pocket calculators

All of them perform arithmetic functions—add, subtract, multiply, divide—and the square root function.

The HP-35 also calculates x^y and $1/x$, and to get π you just press a single key.

All log and trig functions—with a single keystroke

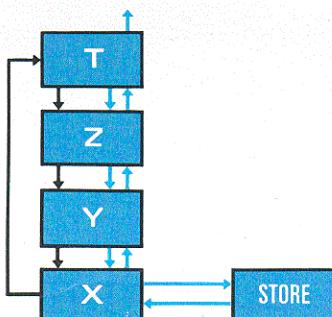
Some scientific pocket calculators perform some logarithmic and/or trigonometric functions—though you may have to press two or more keys to activate each function.

The HP-35 not only performs common log, natural log and natural antilog functions, it also performs all of the trigonometric functions—sine, arc sine, cosine, arc cosine, tangent and arc tangent. And all it takes to activate each function is a single keystroke.

More storage registers—for accuracy and speed

Most other scientific pocket calculators have one or perhaps two storage ("memory") registers. This means you often have to write down or remember intermediate solutions, then enter them later on. Not only is this slow and tedious, but errors may result.

The HP-35, however, has *four* registers in its operational stack . . .



. . . to automatically store intermediate solutions. (The display shows you each answer, so you can follow all the substeps.) At the proper time, the intermediate solutions are automatically entered into the calculation.

By pressing the "roll-down" key or the "x-exchange-y" key, you can review all data stored in the stack.

Even complex calculations are handled quickly and easily—and accurately!

In addition, there's a *fifth* storage register—an addressable register—for selective storage and retrieval of constants or other data.

RPN helps keep you from making mistakes

Most scientific pocket calculators—and all the bargain-priced, limited-function calculators—use algebraic logic. It's easy to learn, but there are serious drawbacks.

For example, when using algebraic logic to solve complex problems, you often have to restructure the problem to conform to the logic. Then you have to worry whether you restructured it properly! If not, errors are likely.

You don't have this problem with the HP-35. It uses RPN (Reverse Polish Notation)—"computer logic"—which should take you only about two minutes to master.

With RPN . . .

- Every problem can be solved just the way it's written, in natural, left-to-right sequence. No restructuring . . . no confusing rules to remember. Regardless of the type of problem, you can solve it using just one simple sequence of steps!
- You can start solving the problem immediately, without having to think it through beforehand. You can even change your mind midway and keep on going.
- You see every intermediate solution on the display, so you can continually check your progress.
- You can recall previously-entered data, by "rolling down" the operational stack, for review or other operation.

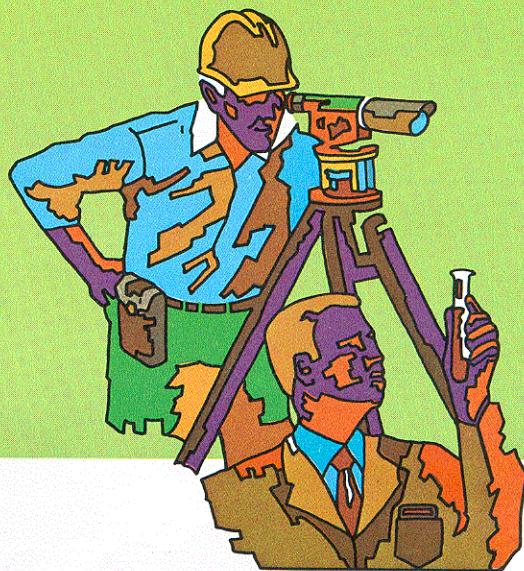
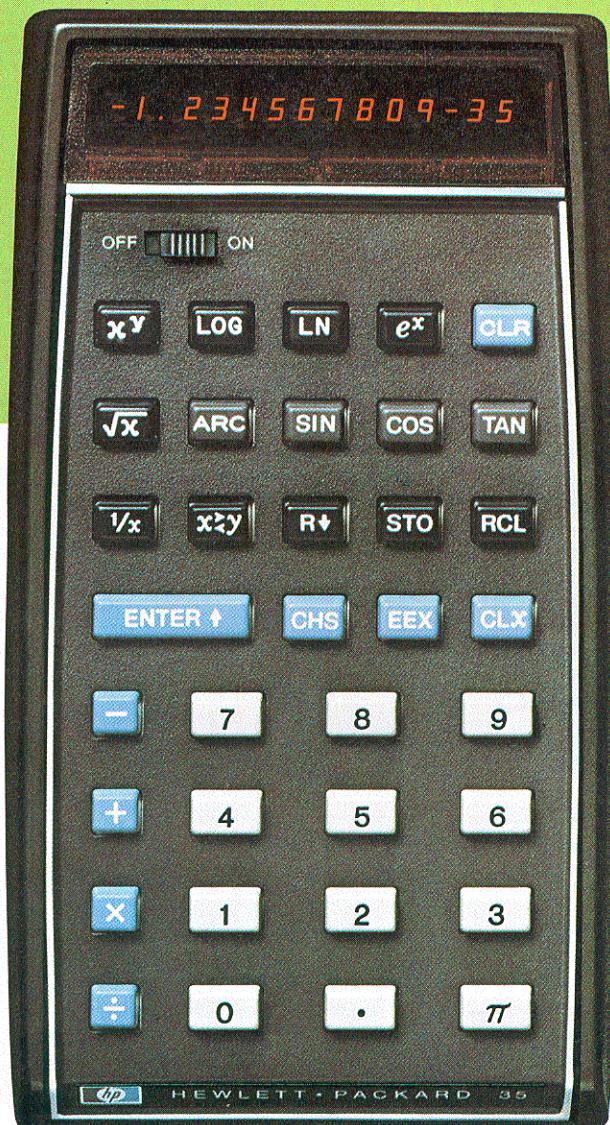
RPN—available only on Hewlett-Packard's pocket calculators—gives you "confidence in computation." And, in most cases, fewer keystrokes are required, especially with any calculation sequence involving arithmetic, trigonometric, logarithmic, power or exponential functions.

More reasons for extreme accuracy

Unlike most other pocket calculators, the HP-35 stores all numbers internally to 10 significant digits, with 10 digits displayed (trailing zeros are suppressed). The decimal point is positioned automatically.

4 8 . 5 3 8 3 4 6 7 5

To further insure accuracy, the light-emitting diode (LED) display is bright red and easy to read, with all digits appearing as continuous lines—not broken segments.



Complex problems are no problem

For example . . .

$$(2 + \log 1000) \times 4/5 \times 4^{-1.5}$$

$\sin 30^\circ$

2 ENTER↑ 1 0 0 0
 LOG + 4 × 5 ÷ 3 0
 SIN ÷ 1 • 5 CHS
 ENTER↑ 4 x^y ×

Answer: 1.

Compare all these features and functions

Compare the HP-35 with any other scientific pocket calculator, and you'll readily see that the HP-35 gives you *more of what you need*.

Why settle for less?

Floating Point and scientific notation

With a dynamic range of 200 decades— 10^{-99} through 10^{99} —the HP-35 uses floating-point notation to display answers larger than 10^2 and smaller than 10^{-10} . For values outside this range, answers are displayed in scientific notation, with the exponent of 10 (+ or -) shown at the extreme right of the display. In either case, insignificant trailing zeros are automatically blanked for easier reading.

Negatives are easily handled

Want to enter a negative number? Just press the "change-sign" key (CHS) first. Want to enter a negative exponent? First press the "enter exponent" key (EEX) and then the "change-sign" key.

Overflow is indicated by 9.999999999 99, and underflow by 0. Improper operations—such as trying to take the square root of a negative number—are indicated by a flashing display.

For further information, contact your nearest Hewlett-Packard outlet. Or call Customer Service at (408) 996-0100 for the location nearest you.

The HP35

Scientific Pocket Calculator

Functions, Features and Specifications



The HP-35 Scientific Pocket Calculator comes complete with:

- Battery pack that under normal use provides 3 to 5 hours of operation
- 115/230 V AC adapter/recharger that lets you operate the calculator on AC while the pack is recharging
- Soft carrying case with belt loop
- Illustrated Owner's Handbook
- Self-adhesive owner's name tags

Optional Accessories

(Details sent with HP-35)

- Security Cradle
- Field Case
- Spare Battery Pack and Holder

Pre-programmed Functions:

TRIGONOMETRIC: Sine • Arc sine

• Cosine • Arc cosine • Tangent

• Arc tangent

LOGARITHMIC: $\log_{10} x$ • $\log_e x$ • e^x

ALSO: x^y • $1/x$ • π • \sqrt{x}

Other Functions:

Addition, Subtraction, Multiplication or Division in Serial, Mixed Serial, Chain or Mixed Chain Calculations

Features:

- Display: 10 significant digits with trailing zeros suppressed.
- Dynamic range: 10^{-99} to 10^{99}
- Single keystroke functions
- Four-register operational stack
- Constant storage memory register
- Automatic decimal point positioning
- Overflow-underflow provision
- Indicators for improper operations and low battery condition
- Operates on rechargeable batteries or AC
- Solid state electronics
- Light-emitting diode (LED) display
- Tactile feedback keyboard
- Compact contoured case

Specifications:

POWER:

AC: 115 or 230 V, $\pm 10\%$, 50 to 60 Hz, 5 watts. Battery: 500 mw derived from nickel-cadmium rechargeable battery pack.

WEIGHT:

Calculator: 9 oz. (255 g)
Recharger: 5 oz. (142 g)
Shipping Weight: approx: 2 lbs. (900 g)

DIMENSIONS:

Length: 5.8 inches (14.7 cm)
Width: 3.2 inches (8.1 cm)
Height: 0.7 to 1.3 inches (1.8 to 3.3 cm)

OPERATING TEMPERATURE RANGE:

32° F to 122° F (0° C to 50° C)

Warranty

The HP-35 is warranted against defects in materials and workmanship for one (1) year from date of delivery. During the warranty period, Hewlett-Packard will repair or, at its option, replace components that prove to be defective when the calculator is returned, shipping prepaid, to a Hewlett-Packard Customer Service Facility.

This warranty does not apply if the HP-35 has been damaged by accident or misuse or as a result of service or modification by any person other than at an authorized Hewlett-Packard Customer Service Facility.

No other warranty is expressed or implied. Hewlett-Packard is not liable for consequential damage.

Hewlett-Packard reserves the right to make changes in materials and specifications without notice.

HEWLETT  PACKARD

Sales and service from 172 offices in 65 countries

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Hewlett-Packard makes the most advanced pocket-sized computer calculators in the world!

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