

See the HP-11C today! Visit your authorized HP dealer for a hands-on demonstration. For dealer locations, call TOLL-FREE 800-547-3400 in the U.S. (except Alaska/Hawaii). In Oregon, call 758-1010. Outside the U.S., contact your nearest dealer or HP Sales Office.

#### United States

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Corvallis, Oregon 97330

#### Europe, North Africa, Middle East

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#### Canada

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Hong Kong Ltd.  
5th and 6th Floors  
Sun Hung Kai Centre  
30 Harbour Road  
Hong Kong

#### Japan

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Hewlett-Packard Ltd.  
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#### Singapore

Hewlett-Packard  
Singapore (Pty.) Ltd.  
Alexandra Post Office  
P.O. Box 58, Singapore 9115

#### Australia

Hewlett-Packard  
Australia (Pty.) Ltd.  
31-41 Joseph Street  
Blackburn, Victoria 3130  
Australia

#### South Africa

Hewlett-Packard South Africa  
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Private Bag, Wendywood  
Sandton, Transvaal, 2144  
South Africa

#### New Zealand

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P.O. Box 9443  
Kilbirnie, Wellington 3

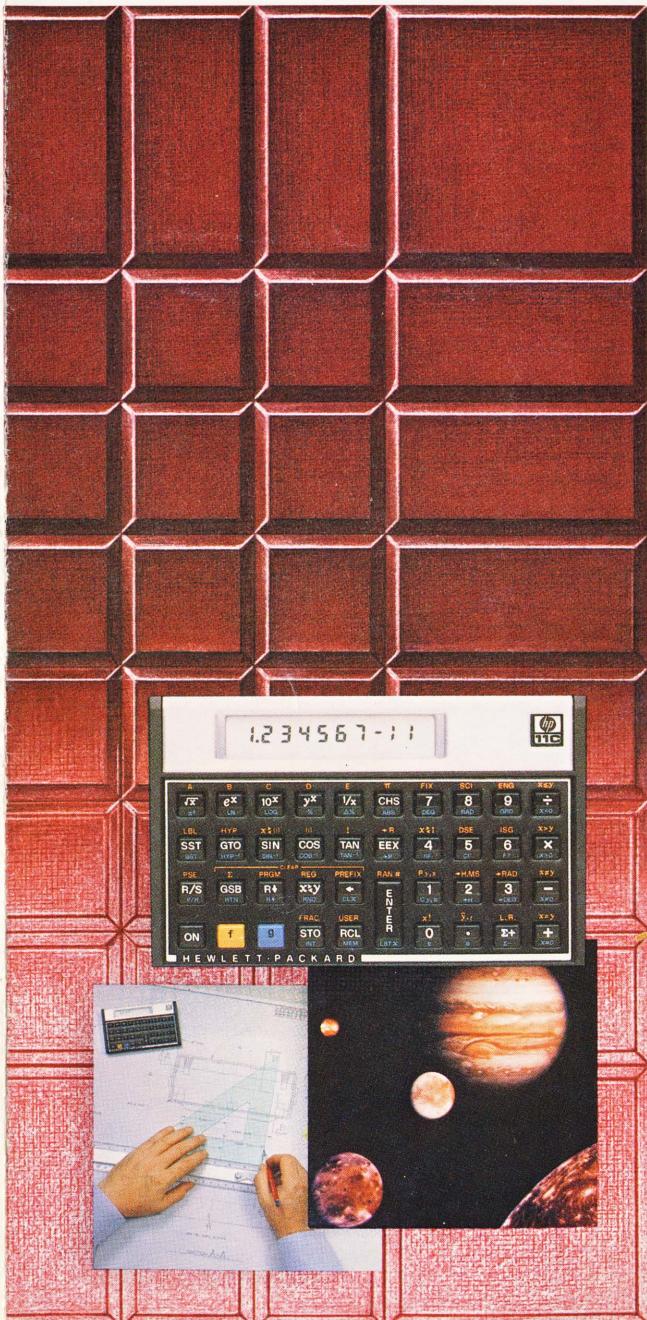
#### Other Countries

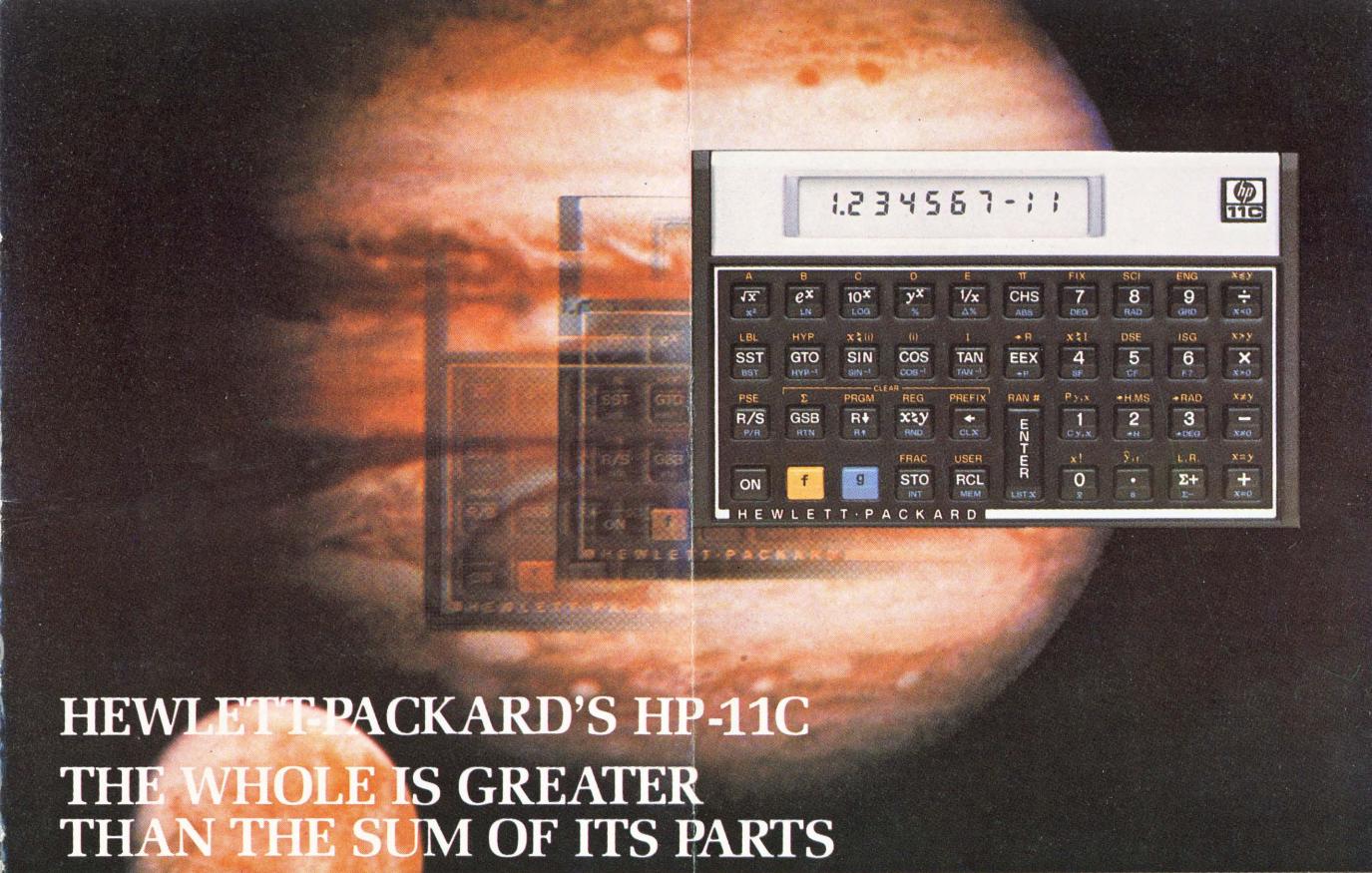
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Palo Alto, California 94304

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# HEWLETT • PACKARD

# HP-11C





# HEWLETT PACKARD'S HP-11C THE WHOLE IS GREATER THAN THE SUM OF ITS PARTS

## Advanced Programming Power

Your creativity and the HP-11C. What better team to take on everyday problems in science, math, or engineering?

As your programming partner, this advanced scientific programmable calculator gives you the power to simplify repetitive calculations. Take advantage of an array of programming tools—eight conditional tests, two flags, branching, controlled looping, user-definable keys, and 15 program labels. Write subroutines to save programming space and minimize keystroke errors. Use indirect addressing as another programming space-saver. Even add the unpredictable to your work or programmed games with a random number generator.

There's lots of memory—up to 203 program lines. And, save the programs you use most often. Until cleared, continuous memory retains your keystroke instructions even when the calculator is turned off.

Programming on the HP-11C is easy to learn and easy to use. You can master its fundamentals quickly using the owner's handbook and modify your work with HP-11C editing features. Add new instructions

by using the go to (GTO) key to access any part of your program. Delete a program line instantly by pressing the backarrow (◀) key. Other editing functions let you step through a program one line at a time so you can make changes or test program execution line by line. And, the convenient user mode saves time and keystrokes—at the touch of a single key, branch to any one of five independent programs.

## Plus

- **Dedicated Scientific Functions for Quick Answers to Your Computational Problems**
- **Easy Portability—Four Ounces Light, Half an Inch Slim**
- **Continuous Memory to Save Your Programs and Data**
- **Liquid Crystal Display With Large Numbers—Easy to Read Even in Brightest Sunlight**
- **Quality HP Support—Instructional Handbooks, Prewritten Programs, and Customer Service**
- **Long-Lasting Performance Using Standard Batteries**

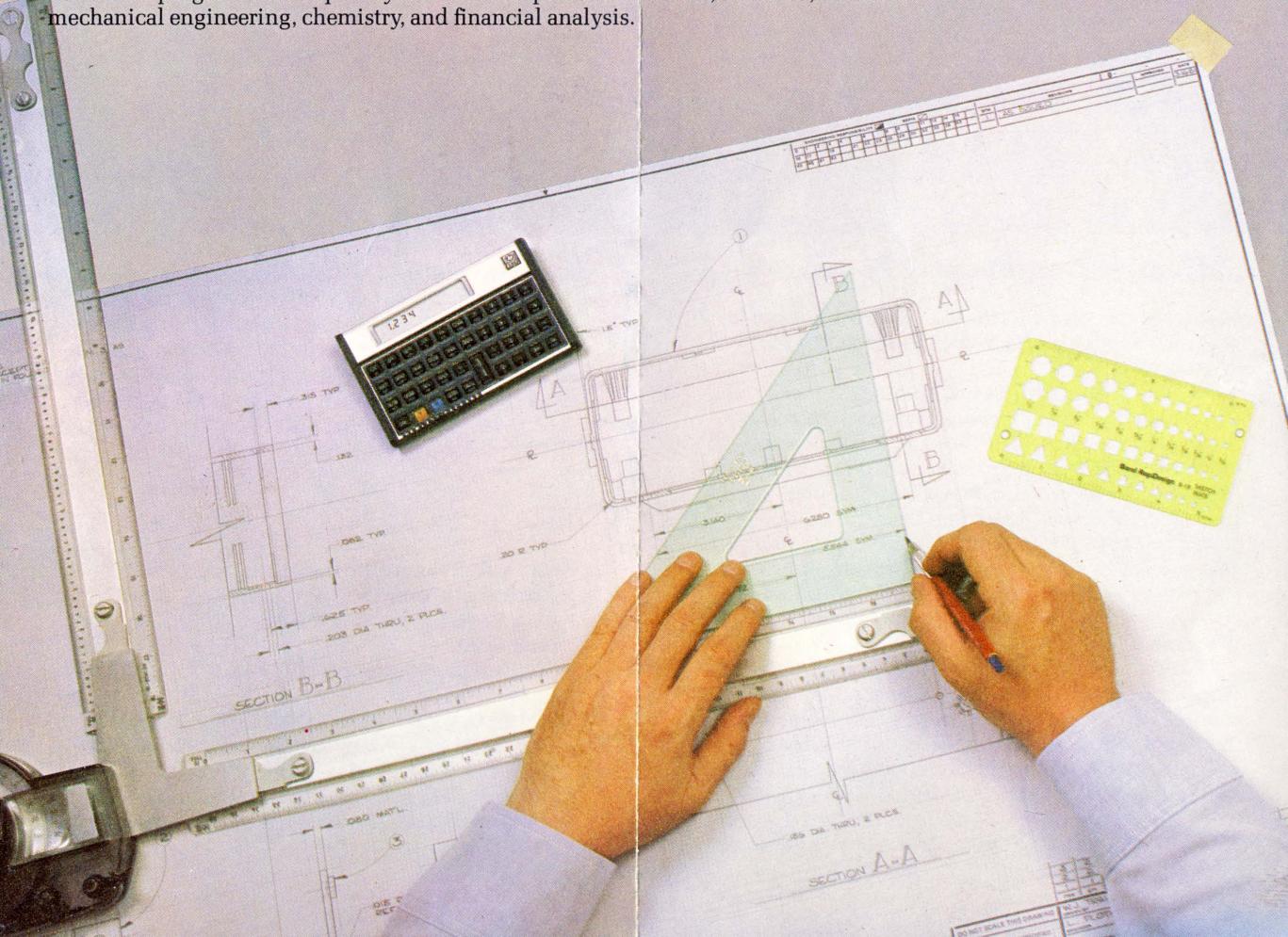
# SHIRT-POCKET SOLUTIONS IN SCIENCE AND ENGINEERING

Hewlett-Packard has coupled HP-11C programmability with an extensive set of built-in scientific functions. All this capability is captured in a slim-line case that makes the calculator an ideal shirt-pocket traveler.

Get fast answers to trigonometric problems. Calculate hyperbolics and their inverses simply by pressing a key. Make conversions between degrees and radians or between rectangular and polar coordinates. Evaluate logarithms, exponentials, factorials, gamma functions, combinations, permutations, and percentage changes. Conduct analyses on data pairs using the calculator's statistics keys. Even linear regression by the least squares method is push-button easy. This broad range of functions makes the HP-11C an immediate problem-solving lab instrument or engineering tool.

You also have a wealth of application programs to choose from. Ready-to-go solutions listed in the Owner's Handbook and Problem-Solving Guide include matrix algebra, curve fitting, systems of linear equations, triangle solutions, and chi-square evaluation.

Take advantage of additional prewritten software in the HP-11C Solutions Handbook. You'll find programs for frequently encountered problems in math, statistics, electrical and mechanical engineering, chemistry, and financial analysis.



# WHY BUY HP?

## Products With Lasting Value

For over 40 years, Hewlett-Packard has been dedicated to providing products that meet people's needs and offer lasting value. In 1972, this commitment to excellence produced the HP-35, the first hand-held scientific calculator. In this same tradition, the HP-11C has been engineered to be a valued professional tool.

## The Logical Choice, Technically Speaking

Hewlett-Packard's state-of-the-art technology translates into benefits for you. With RPN, the easy-to-use logic system built into each HP calculator, you handle every problem consistently, working with one or two numbers at a time, seeing intermediate results. You never waste time juggling parentheses.

The latest in high-density circuitry in the HP-11C gives you a wide range of specialized functions plus memory for data storage and programming. When the calculator is turned off, continuous memory technology saves your work. You concentrate on solving problems, not on reloading programs or reentering numbers.

## HP Builds Around You

Hewlett-Packard takes extra care to construct products that satisfy you. Slanted keys on the HP-11C respond to light pressure, so they are less fatiguing to use over long periods of time. Another HP keyboard feature is the positive click you feel when a keystroke is executed. You don't have to check the display to know you've entered a number or function. And, for us forgetful humans, the HP-11C conserves battery life by automatically turning itself off after several minutes of non-use.

HP also knows you need a reliable machine—one you can count on for day-in, day-out performance. The HP-11C's shock-mounted display and rugged casing stand up to a barrage of hard knocks. And, all HP calculators undergo extensive environmental testing to ensure accurate and reliable performance under extreme conditions.

## An Extra Measure of Support

HP products are backed by award-winning handbooks and friendly service. Over the years, Hewlett-Packard

owner's manuals and solutions books have helped millions of calculator owners become more efficient problem-solvers. Additional help is only a phone call away. Get technical assistance with any HP calculator from your local Hewlett-Packard dealer. Or, in the U.S., contact HP's Customer Support Group. Phone 503-757-2000 or write 1000 N.E. Circle Blvd., Corvallis, OR 97330. Outside the U.S., contact your nearest authorized HP dealer or HP Sales Office.

## HP-11C Specifications

### Size and Weight

12.7 x 8 x 1.5 cm (5 x 3 1/8 x 5/8 in.)  
113 g (4 oz)

### Scientific Features

Trigonometric functions:

Modes (degrees, radians,  
grads)  
Sin, Sin<sup>-1</sup>, Cos, Cos<sup>-1</sup>, Tan,  
Tan<sup>-1</sup>

Hyperbolics and inverses  
Rectangular coordinates  $\leftrightarrow$  polar coordinates

Decimal angle  $\leftrightarrow$  angle in  
degrees (hrs)/min/sec  
Degrees  $\leftrightarrow$  radians

Ln x, e<sup>x</sup>

Log x, 10<sup>x</sup>

$\pi$

Display modes: fixed, scientific,  
or engineering notation

Automatic overflow/underflow into  
scientific notation

### Statistical Features

Mean (1- or 2-variable)

Standard deviation  
(1- or 2-variable)

Summation ( $\Sigma x$ ,  $\Sigma x^2$ ,  $\Sigma y$ ,  $\Sigma y^2$ ,  
 $\Sigma xy$ , n)

Linear regression/estimate

Correlation coefficient

Factorial function

Gamma function

Combinations and permutations

Random number generator

### General Features

$+$ ,  $-$ ,  $\times$ ,  $\div$ ,  $y^x$ ,  $\sqrt{x}$ ,  $1/x$ ,  $x^2$ ,  
Change sign (CHS)

Absolute value

Integer/fractional part

Round

Percent

Percent change

Storage register arithmetic

### Programming Features

Maximum number of program  
lines: 203

Automatic memory allocation

User-definable keys: 5

Single-character program labels: 5

Numeric program labels: 10  
Program review with scrolling  
(single-step, back-step)

Insert/delete editing

Conditional and unconditional  
branching

Levels of subroutines: 4

Conditional tests: 8

Flags: 2

Pause

Controlled looping

Indirect control of:

Data storage and recall  
Storage register arithmetic  
Branching and looping

User mode

### Operating Features

RPN logic system:

Automatic four-memory stack  
Error recovery (LAST X)  
Stack manipulation

Continuous memory

Liquid crystal display

Documentation and software  
support:

Owner's Handbook and  
Problem-Solving Guide  
Solutions Handbook

Long-life disposable batteries

Automatic power off

Diagnostic self-check of internal  
circuitry and keyboard contacts  
without program loss

Error codes/messages

Two modes for display separators  
and decimal points:

European (thousands separated  
by periods with comma for  
decimal point)

U.S. (thousands separated  
by commas with period for  
decimal point)

Status annunciators

Maximum number of data storage  
registers: 21

Maximum number of digits  
displayed: 10

Number of digits used in computa-  
tion: 10

One-year limited warranty