

# Hewlett-Packard presents engineering works of art





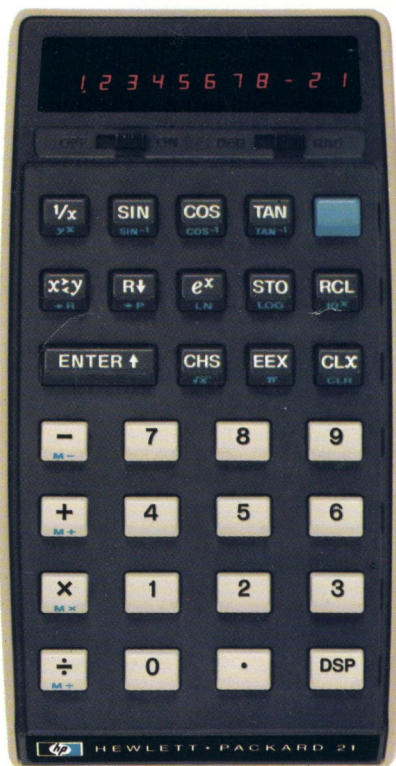
# A buyer's guide to Hewlett-Packard pocket-sized computer calculators

Features/Functions	SCIENTIFIC				BUSINESS	
	HP-21	HP-25	HP-55	HP-65	HP-22	HP-80
<b>RPN Logic System</b>						
<b>Memory</b>						
Automatic four-memory stack						
Addressable memory	1	8	20	9	15	1
Program memory		49 steps	49 steps	100 steps		
Last x memory						
<b>Display</b>						
Fixed notation						
Scientific notation						
Engineering notation						
<b>Trigonometric Functions</b>						
Sine, cosine, tangent						
Sine <sup>-1</sup> , cosine <sup>-1</sup> , tangent <sup>-1</sup>						
DMS addition, subtraction						
<b>Trigonometric Modes</b>						
Decimal degrees						
Radians						
Grads						
<b>Trigonometric Conversions</b>						
Between modes	••	••		••		
To/from degrees, minutes, seconds						
Rectangular/polar						
<b>Logarithmic Functions</b>						
Natural log + antilog						••
Common log + antilog					••	••
<b>Conversions</b>						
Metric/English			7	•		
<b>Financial Functions</b>						
Number of periods (n)				•		
Interest rates (i)				•		
Payments/period (PMT)				•		
Present value (PV)				•		
Future value (FV)				•		
Simple interest (INT)				•		
Accumulated interest				•		
Remaining balance				•		
Bond prices, yields				•		
Rule of 78's calculations (SOD)				•		
Calendar				•		
Beginning/ending period switch						
<b>Percent Calculations</b>						
Percent amount						
Percent difference						
Percent of sum						
<b>Statistical Functions</b>						
Mean/Std. Dev.		1 var.	2 var.	2 var. •	1 var.	1 var.
Linear regression				•		
Linear estimate				•		
Trend line						
<b>Other</b>						
Pi						
Squares						
Square roots						
Raising numbers to powers						
Absolute value						
Integer/decimal extraction						
Decimal/octal conversion						
Reciprocals						
<b>Digital Timer</b>						
<b>Programming Features</b>						
Editing						
BST						
SST						
Insert/Delete						
Conditional tests		8	2	4		
Branching						
Pause						
Flags						
DSZ (looping)						
Subroutines						

• Not a built-in function but available on pre-recorded magnetic program cards.

•• Not a built-in function but can be performed easily with a few keystrokes.





## The HP-25 Scientific Programmable-- Offers "keystroke programmability"

The HP-25 offers "keystroke programmability" with 49 steps of programming memory, coupled with merged keycodes that conserve steps to effectively expand memory capacity. Special features include unique single step editing, 8 conditional tests and a pause function. Full display formatting lets you choose fixed decimal, scientific or engineering notation. Combine programmability with 72 functions and operations including log and trig functions (the latter in degrees, radians or grads), rectangular/polar and decimal hours/hours-minutes-seconds conversions, and statistical summations—and you have amazing calculating power at a price you can afford.

**\$195.00**

Comprehensive applications book included.

## The HP-21 Scientific-- More power in a smaller case

The HP-21 performs 32 preprogrammed functions and operations including log and trig calculations in either radians or degrees, and rectangular/polar conversions. Full display formatting allows you to choose between fixed decimal and scientific notation.

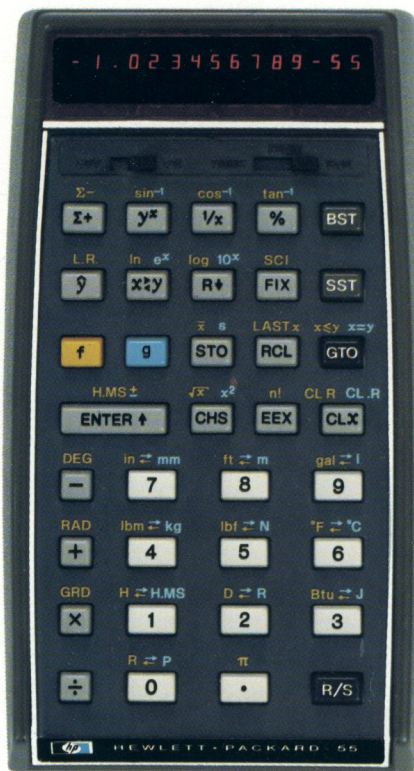
The RPN logic system tackles even the most complex problems efficiently and gives you continuous and immediate feedback. Combine the HP-21's capability with its low cost, and you have a price-performance ratio that's simply unbeatable.

**\$100.00**

Comprehensive applications book is available  
at \$10.00.







### The HP-55 Adv. Scientific Programmable--Unique power and versatility

A 49-step program memory lets you program this calculator yourself, and you have an additional 20 addressable memories for storing away data for future use. We've built the HP-55 to perform automatically trig and log functions, two variable linear regression, linear estimate, mean and standard deviation, and 10 different conversions. The most unique feature of the HP-55 is the 100-hour digital timer. It's accurate to  $\pm 0.01\%$  and measures time in hours, minutes, seconds and even hundredths of a second.

The HP-55 brings advanced but very practical calculating capabilities within reach.

**\$335.00**

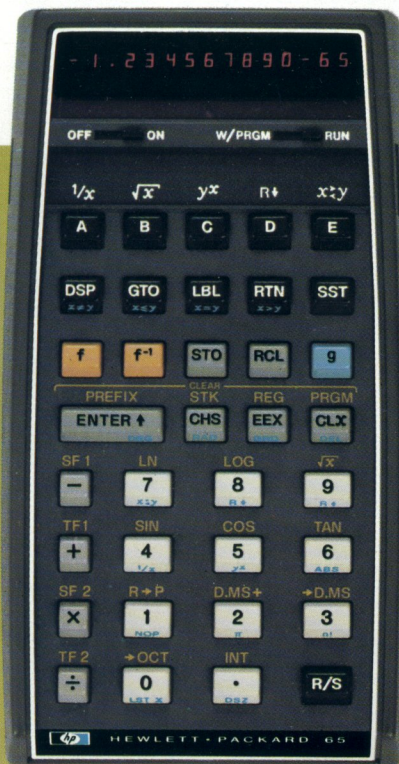
Optional Math Applications Book and Statistics Applications Book available at \$10.00 each.

### The HP-65 Fully Programmable-- A small miracle

Use the HP-65 as an advanced scientific pocket calculator or write your own programs by keying in any of the math, log, trig and exponential functions. Once your program is in the machine, you can record it on a magnetic card for future use anytime, anywhere. Program memory is 100 steps long and there are logic tests and conditional branching—plus the 51 built-in functions and operations. You can easily chain programs for those unusually long or complex problems that cannot be solved in 100 steps. Another way to use the HP-65 is with the pre-recorded magnetic program cards supplied in the fourteen HP-65 Application Pacs (see opposite page). No matter how you use it, the HP-65 is truly a small miracle.

**\$795.00**

Comprehensive applications book included.



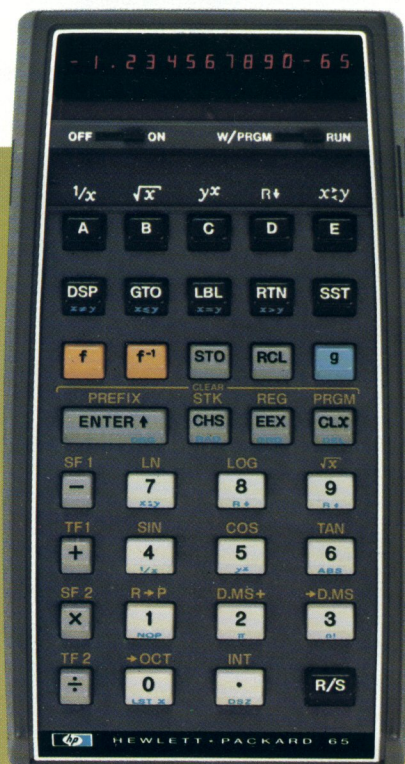


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**\$795.00**

Comprehensive applications book included.



## The HP-65--Can be "tailor-made" for your profession

HP offers a great variety of pre-recorded magnetic program cards that let you transform your HP-65 into a specialized calculator—in seconds. Each Application Pac for the HP-65 contains cards for up to 40 programs, a detailed manual on the Pac, and a set of Pocket Instruction cards for listing your program instructions.

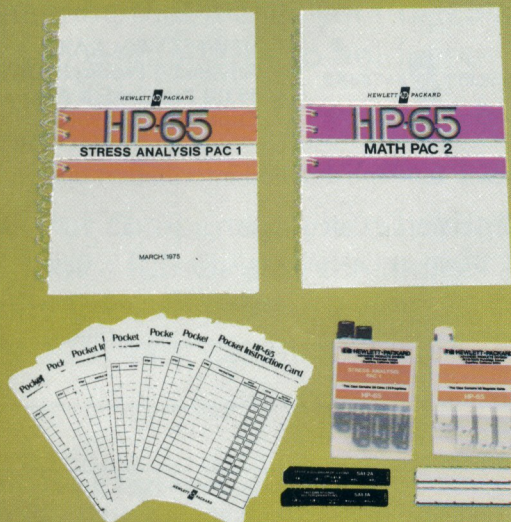
There is also a Hewlett-Packard HP-65 Users' Library offering over 4,000 programs and a newsletter.

*You can choose from:*

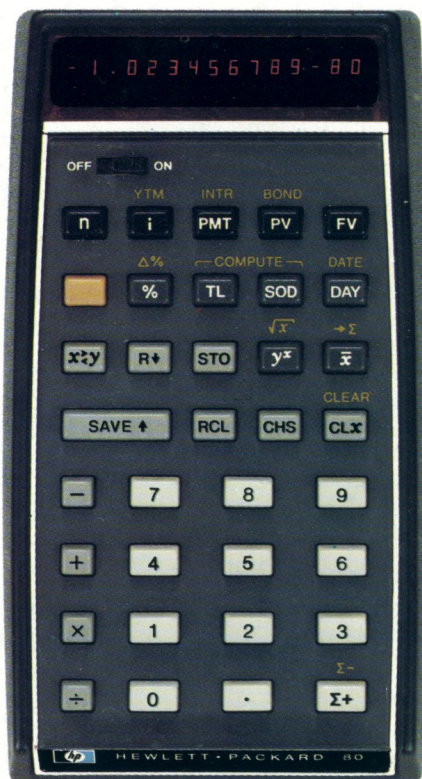
- Finance Pac 1
- Math Pac 1
- Math Pac 2
- Stat Pac 1
- Stat Pac 2
- EE Pac 1
- EE Pac 2
- Navigation Pac 1
- Chemical Engineering Pac 1
- Stress Analysis Pac 1
- Surveying Pac 1
- Machine Design Pac 1
- Medical Pac 1
- Aviation Pac 1

**\$45.00 each**

All are available through your HP dealer.







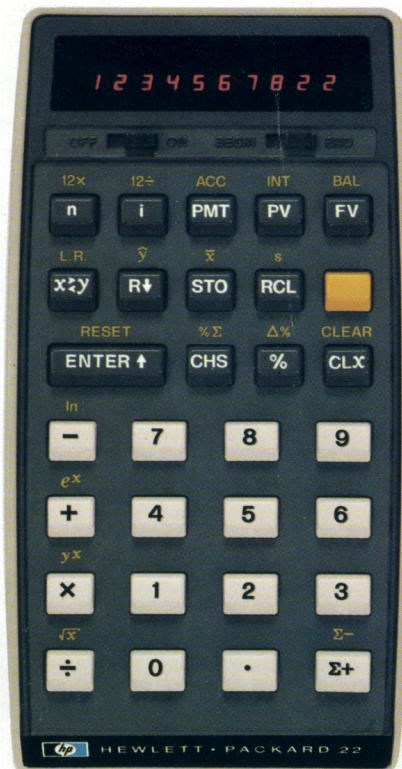
**The HP-80--***The most revolutionary financial device of our time*

The HP-80 performs automatically virtually all calculations involving the relationship between time and money. In seconds you can compute bond prices and yields, conversions, trend line analysis and interest calculations. The HP-80 also has a 200 year calendar to help you figure the exact number of days in a bond or loan calculation. This instrument has been designed to save your time and money by making a wide variety of important calculations both easy and accurate.

Invest in one today, and you gain an instrument that should meet your needs now and in the future.

**\$295.00**

Comprehensive applications book included.



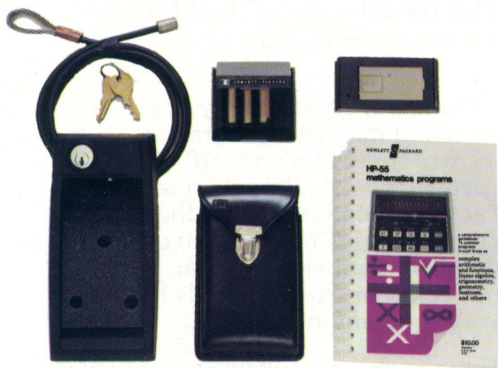
**The HP-22--***Specifically designed for business management*

The HP-22 puts ideal combinations of financial, mathematical and statistical functions right at your fingertips. With it you can handle everything from simple arithmetic to complex time-value-of-money computations. You can even handle planning, forecasting, and decision analysis. And you can approach business problems in a variety of ways to arrive at intelligent decisions and recommendations based on facts.

The HP-22 gives today's business manager the calculating power he needs at a price he can afford.

**\$165.00**

An applications section is included in the HP-22 owner's manual.



**These optional accessories are  
available through your HP dealer:**

- A security cradle that locks the calculator in place.
- A hard leather field case that protects the calculator when you're on the road or in the field.
- Reserve power packs—for those rare instances when you'll need more than 3 to 5 hours of continuous calculating power.

**COUPON**

**300E**

HEWLETT  PACKARD

**HEWLETT-PACKARD**  
Advanced Products Division  
19310 Pruneridge Ave.  
Cupertino, CA 95014

Please send me detailed information on

- |   |                                       |
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| <input type="checkbox"/> Business Calculators   | Calculators                           |

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Are you considering the purchase of  
your first pocket calculator  
. . . or are you planning to move up to  
a more advanced model?

Either way, it's important that you  
select a calculator that not only can  
solve the problems you're facing today,  
but also can solve the problems you're  
likely to face tomorrow . . . in the days,  
months, and years ahead.

Examine the six calculators by  
Hewlett-Packard, and you'll discover  
that each HP calculator is a master-  
piece of design. From the RPN logic  
system that cuts through problem-  
solving red tape to the human  
engineering that makes your calculator  
light and comfortable to hold, your  
"Hewlett-Packard" is an  
engineering work of art.

Check our comparison chart behind  
page 1 for a full view of the many  
exciting features offered by  
Hewlett-Packard calculators.

**All prices are suggested retail prices excluding  
applicable state and local taxes—Continental  
U.S.A., Alaska & Hawaii.**



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