



# Hewlett-Packard Calculators for Science and Engineering



The best  
for your  
success.

## HP-20S for technical professionals and students.

*The scientific essentials, plus  
a program library.*

It's the only calculator that offers  
you *all* of these features:

### Built-in program library.

Just press three keys, and you're  
finding solutions to complex problems.

**Keystroke programming.** Conditional tests  
and subroutines help you solve unique problems.

**Base conversions and base arithmetic.**

**Price: \$49.95**

## NEW HP-21S for students taking statistics.

*A lifesaver in classroom  
statistics and math.*

It's the only calculator that offers  
you *all* of these features:

**Built-in stat tables and a  
statistical program library.**

You'll have the solutions to  
your statistical problems fast.

**Essential college math and trigo-  
nometry functions.**

**Price: \$49.95**

## HP-22S for science students.

*Fast solutions to classroom  
problems with built-in  
equations.*

It's the only scientific calculator  
that offers you *all* of these  
features:

### Equation library and HP Solve.

Solve for any variable  
without rewriting the equation each time.

**Alpha menus, labels, prompts, messages.**

**Price: \$59.95**



## HP-32S for technical professionals and students.

*The RPN advantage at the  
lowest price.*

It's the perfect HP-11C upgrade,  
and the only calculator that  
offers you *all* of these features:

**Numeric integration and  
complex numbers.** Solve problems  
without pencil and paper.

**RPN HP Solve.** Solve for any variable in  
your own programs without rewriting them  
every time.

**Keystroke programming.** Create tailored  
solutions for complex or repetitive problems.

**Alpha menus, labels, prompts, and  
messages.** Locate related functions and find  
solutions easily.

**Price: \$69.95**

## HP-27S for technical managers.

*Both science and business  
functions in one calculator.*

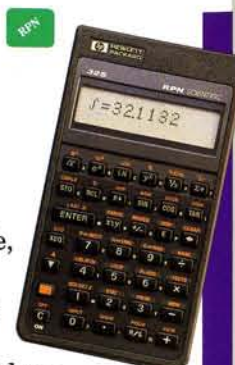
It's the only calculator that offers  
you *all* of these features:

**HP Solve.** Solve for any  
variable in your own equation  
without programming.

**List-based statistics.** Store and work with  
multiple lists; edit and review the data.

**Menus and softkeys.** Identify groups of  
related functions and work through them  
easily.

**Price: \$110.00**



## HP-42S for technical professionals and students.

*The engineer's best bet for  
matrix math.*

It's an excellent HP-15C upgrade,  
and the only calculator that  
offers you *all* of these features:

**The best for matrix and  
vector math.** It has the largest number  
of matrix operations available in a  
handheld calculator.

**Complex and real numbers, vectors  
and matrices that work together and  
interchangeably.** Handle complex number  
elements in a matrix as easily as real num-  
bers. The HP-42S displays both parts of the  
complex result at the same time.

**RPN HP Solve.** Program an expression just  
once; then solve for any variable without  
rewriting the equation.

**Alpha menus, labels, and prompts.** Step  
through applications easily.

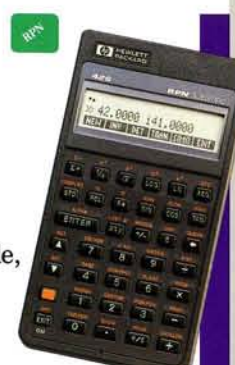
**Price: \$120.00**

## The HP-41CV and HP-41CX.

*Classics for versatility  
and software.*

Application software modules,  
plug-in memory, plus interfacing  
capabilities to a printer and  
instruments make the HP-41CV  
and HP-41CX the most flexible  
and expandable calculators on  
the market. Please contact your HP dealer for  
an extensive brochure describing all the options.

**Price: HP-41CV \$175.00  
HP-41CX \$249.00**



## HP-28S for technical professionals and students.

*The ultimate –  
and the only –  
for symbolic  
solutions.*

It's the only  
calculator that  
offers you *all* of these features:

**Symbolic math solutions.** Work with  
symbols in algebra and calculus as easily as  
with numbers. You're free to concentrate on  
the solutions.

**Hefty 32,000 bytes of RAM.** Store large,  
complex calculations and access custom  
programs, formulas and utilities.

**HP Solve.** Write your own special equations  
and solve for any variable without rearrang-  
ing the equation.

**Graphics.** Use graphics with HP Solve for  
precise answers based on your estimates.  
Save graphics pictures, and recall them  
instantly when you need them.

**Uncomplicated matrix and vector  
math.** Solve simultaneous equations, and see  
your matrix on the four-line display.

**Price: \$235.00**

## HP Infrared Printer.

*For go-anywhere  
cordless printing!*

HP's unique infrared printer  
"connects" to your calculator by  
an invisible, infrared beam. You  
can print out your calculations,  
plots or graphs wherever you  
are, without cables or wires.  
Use this versatile,  
battery-operated printer with  
the HP-27S, HP-41CV/CX (with optional  
module), HP-42S, and HP-28S calculators.  
**Price: HP 82240A \$135.00**



**Hewlett-Packard Co.  
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Corvallis, OR 97330**

For additional information or a demon-  
stration of Hewlett-Packard professional  
calculators, visit your nearest HP dealer.

### Where to call:

- To order items your dealer does not carry,  
**800-538-8787** between 6 a.m. and 5 p.m.  
(Pacific time) Mon. - Fri.
- For repair information, **503-757-2002**  
between 7:30 a.m. and 5:00 p.m. (Pacific  
time) Mon. - Fri.
- For operating questions on HP  
calculators, call Calculator Support,  
**503-757-2004** between 8:00 a.m. and  
3:00 p.m. (Pacific time) Mon. - Fri.

### Canada:

Hewlett-Packard (Canada) Ltd.  
6877 Goreway Drive  
Mississauga, Ontario  
L4V 1M8

### Europe, North Africa, Middle East:

Hewlett-Packard S.A.  
Route du Nant d'Avril 150  
1217 Meyrin 2 - Geneva  
Switzerland

### Other countries:

Hewlett-Packard Intercontinental  
3495 Deer Creek Road  
Palo Alto, California 94304  
U.S.A.

**Hewlett-Packard Corporate Offices:**  
3000 Hanover Street  
Palo Alto, California 94304  
U.S.A.

Technical information covered in this  
brochure, product availability, and prices  
are subject to change without notice.

All prices are suggested U.S. list.



Scientific Calculator Selection Guide

HP calculators – the best for your success	For technical professionals and students				Especially for students taking statistics	Especially for science students	Especially for technical managers
	HP-20S <i>The scientific essentials, plus a program library</i>	HP-32S <i>The RPN advantage at the lowest price</i>	HP-42S <i>The engineer's best bet for matrix math</i>	HP-28S <i>The ultimate – and only – for symbolic math</i>	HP-21S <i>A lifesaver in classroom statistics and math</i>	HP-22S <i>Fast solutions to classroom problems with built-in equations</i>	HP-27S <i>Both science and business functions in one calculator</i>
Built-in Functions*	Over 150	Over 180	Over 600	Over 1500	Over 170	Over 200	Over 250
Physical Features							
Display type	Segment	Alphanumeric	Dot-matrix	Dot-matrix	Segment	Alphanumeric	Dot-matrix
Display size	1-line x 12-chrs	1-line x 12-chrs	2-line x 22-chrs	4-line x 23-chrs	1-line x 12-chrs	1-line x 12-chrs	2-line x 22-chrs
Operating Features							
Entry logic	Algebraic	RPN	RPN	RPN & algebraic	Algebraic	Algebraic	Algebraic
Menus, prompts		●	●	●		●	●
Alpha messages		●	●	●		●	●
Softkeys			●	●			●
Configuration							
User memory (bytes or steps/regs)	99 & 10 regs	390/27	Over 7200/ Mem	Over 32,000/ Mem	99 & 10 regs	371/26	6900/10
Redefinable keys			●	●			●
Peripherals			IR printer	IR printer			IR printer
Math Features							
+ – * / sqrt 1/x ± ln e <sup>x</sup>	●	●	●	●	●	●	●
y <sup>x</sup> log 10 <sup>x</sup> x <sup>2</sup> % PI n!	●	●	●	●	●	●	●
Trigonometric functions	●	●	●	●	●	●	●
Hyperbolics/inverses	●	●	●	●		●	●
Solve (root finder)	◆	RPN HP Solve	RPN HP Solve	HP Solve		HP Solve	HP Solve
Numeric integration	◆	●	●	●			
Complex-number functions	◆	●	●	●			
Matrix/vector operations	◆		●	●			
Symbolic algebra				●			
Symbolic derivatives				●			
Symbolic polynomial integration				●			
Scientific Features							
Hour/hour, min., sec. conversion	●	●	●	●	●	●	●
Coordinate conversions	●	●	●	●	●	●	●
Angle conversions	●	●	●	●	●	●	●
Base conv. and arithmetic	●	●	●	●		●	●
Unit conversions	●			●		●	
Bit, Boolean operators			●	●			
Display and printer graphics				●			
Business Features							
n, i%, PV, PMT, FV					◆	◆	●
Time and date calculations							●
Alarms and appointments							●
Statistical Features	Cumulative	Cumulative	Cumulative/ list	Multivariate stat	Cumulative	Cumulative	List-based
Σx, Σx <sup>2</sup> , Σy, Σy <sup>2</sup> , Σxy	●	●	●		●	●	●
Standard dev, mean	●	●	●	●	●	●	●
Linear regression	●	●	●	●	●	●	●
Combinations/permutations	●	●	●	●	●	●	●
Weighted mean	●	●	●		●	●	●
Edit, save, name, list			●	●			●
Curve fit (LIN, LOG, EXP, POW)	◆		●				●
Automatic best curve fit			●				
Statistical plots				●			
Normal, X <sup>2</sup> , t, F distribution				●	●		
Test statistics					◆		
Customizing Method	Keystroke	Keystroke	Keystroke	HP Solve/ keystroke	Keystroke	HP Solve	HP Solve
Number steps/formulas	99	Mem	Mem	Mem	99	Mem	Mem
Program labels	16	27	Mem	Mem	16	Mem	Mem
Levels of subroutines	4	7	8	Mem	4	0	Mem
Branching	●	●	●	●	●		●
Conditional tests	2	8	20	22	2	0	10
Flags	0	4	100	64	0	0	0
Alpha prompts		●	●	●		●	●
Indirect addressing		●	●	●			
Indexed looping		●	●	●			
Solve for any variable		●	●	●		●	●
Alpha listings		●	●	●		●	●
Alpha string manipulation			●	●			
Built-in programs/equations	6				6	16	
Price (U.S. list)	\$49.95	\$69.95	\$120.00	\$235.00	\$49.95	\$59.95	\$110.00

For complete information on the HP-41CV and HP-41CX, software and peripherals, contact your HP dealer.

- For each calculator shown, this combination of features is exclusive to HP.
- ◆ Included in program or equation library.
- \* Includes scientific, business, operational, customizing, library.
- Built in.
- Mem Unlimited within available memory.



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