



# 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:

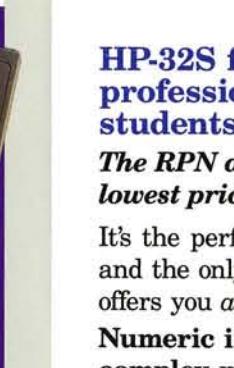
### Built-in program library.

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 trigonometry 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.

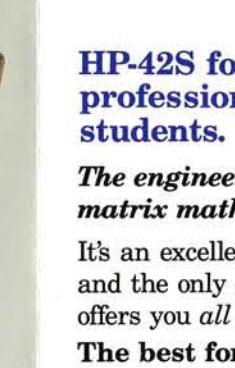
Solve problems without pencil and paper.

**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.**

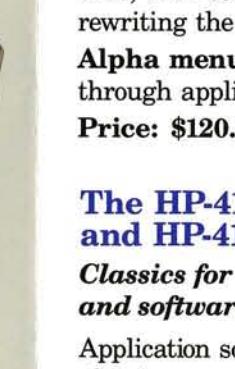
It's the only calculator that offers you *all* of these features:

**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 numbers. 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 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.  
Corvallis Division  
1000 NE Circle Blvd.  
Corvallis, OR 97330

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

### Where to call:

- To order from your dealer or distributor, **800-387-8787** between 6 a.m. and 5 p.m. (Pacific time) Mon. - Fri.
- For repair information, **503-375-2202** between 7:30 a.m. and 5:00 p.m. (Pacific time) Mon. - Fri.
- For operating questions on HP calculators, call Calculator Support, **503-572-0042** 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 International  
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-11C upgrade		HP-15C upgrade						
	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>		
<b>Built-in Functions*</b>	Over 150	Over 180	Over 600	Over 1500	Over 170	Over 200	Over 250		
<b>Physical Features</b>									
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		
<b>Operating Features</b>									
Entry logic	Algebraic	RPN	RPN	RPN & algebraic	Algebraic	Algebraic	Algebraic		
Menus, prompts	•	•	•	•	•	•	•		
Alpha messages	•	•	•	•	•	•	•		
Softkeys		•	•				•		
<b>Configuration</b>									
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		
<b>Math Features</b>									
+ - * / sqrt 1/x ± ln ex	•	•	•	•	•	•	•	•	
y* log 10* x²-% 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				•					
<b>Scientific Features</b>									
Hour/hour, min., sec. conversion	•	•	•	•	•	•	•	•	
Coordinate conversions	•	•	•	•	•	•	•	•	
Angle conversions	•	•	•	•	•	•	•	•	
Base conv. and arithmetic	•	•	•	•	•	•	•	•	
Unit conversions	•			•	•	•	•		
Bit, Boolean operators			•	•					
Display and printer graphics				•					
<b>Business Features</b>									
n, i%, PV, PMT, FV					◆	◆	◆		
Time and date calculations									
Alarms and appointments									
<b>Statistical Features</b>	Cumulative	Cumulative	Cumulative/ list	Multivariate stat	Cumulative	Cumulative	List-based		
Σx, Σx², Σy, Σy², 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, X², t, F distribution				•					
Test statistics					◆				
<b>Customizing Method</b>	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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