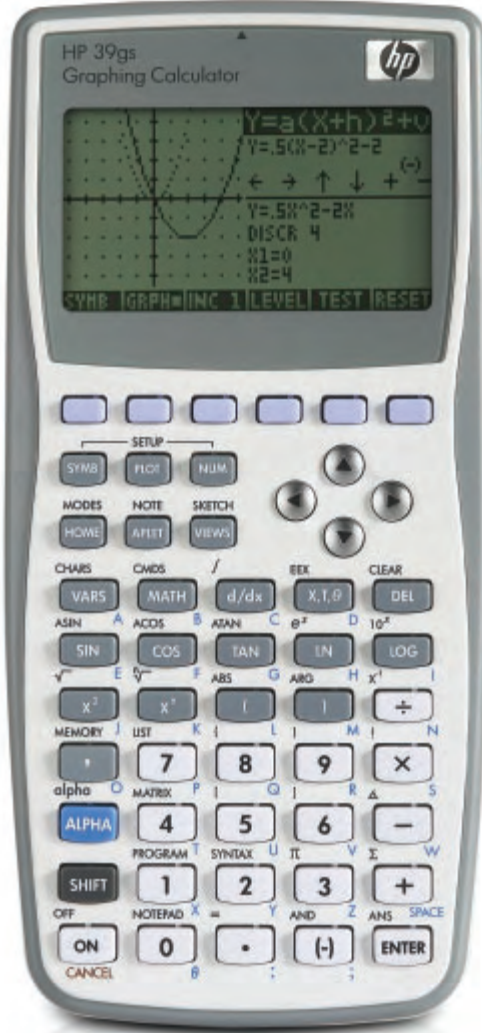


# HP 39gs

## Graphing calculator



### The new HP 39gs

The new HP 39gs is the ideal classroom learning tool with symbolic, numeric and graphic views, plus easy aplet programming. Algebraic data entry and easy-to-use interactive tools allow for greater teaching and learning opportunities.

- Switch between symbolic, numeric and graphic views to enhance learning
- Save work and settings as Aplets for later use

### Built for performance

- Built-in library of 29 constants and easy metric unit conversions—ideal for math and science
- Large 256 KB total memory for greater storage capacity and better performance
- Dynamic split screen with adjustable contrast for greater readability
- Tackle the toughest problems with 600+ built-in functions plus powerful HP solvers and applications

The new HP 39gs is the ideal classroom graphing tool with large adjustable contrast split screen with symbolic, numeric and graphing views and familiar algebraic data entry. Ideal for mathematics and science students, it allows you to save your work for use at any time with 256 KB memory, easily share data wirelessly (Infrared) with compatible HP calculators or connect to PC with the included USB cable. Includes slide-on hard cover for added protection.

You also get the reassurance of award-winning HP support 24-hours a day.



# HP 39gs

Graphing calculator for mathematics and science students

The HP 39gs Graphing Calculator is ideal for the activities and workload of secondary mathematics and science students



## Operating features:

- Easy-to-read keys and menus that are grouped together for fast access
- Data entry in simple algebraic notation that looks and works just like equations written on paper
- Over 600 functions available at the touch of a button. You spend less time reading manuals and more time learning.
- 256 KB of built-in memory—The 39gs is amazingly powerful. See notes, sketches, equations, formulas, graphs and even Aplets.
- Display modes include standard, proper and mixed fraction, scientific, fixed and engineering.
- Library of 29 physical constants
- System Flash ROM for future electronic system upgrades\*

## Math features:

- Algebra features: factorization, expansion, substitution, systems of linear equations, linear algebra and matrices, among others
- Trigonometry (trig and hyperbolic functions, degrees, radians)
- Lists and sequences
- Exponential and logarithmic functions
- Complex numbers
- Permutations, combinations and factorials
- Differentiation and integration
- HP equation solver (HP Solve)
- Metric/imperial conversions

## Statistical features:

- Descriptive statistics (lists, single and two variable summary statistics, frequencies, regression), data input, editing, plotting and viewing has never been easier.
- Use sample data to make inferences using hypothesis tests and confidence intervals.
- 10 fits: Linear, logarithmic, 2 exponentials, power, quadratic, cubic, logistic, trigonometric or user defined

## Graphing features:

- Expanded plotting possibilities—Plot types include function, parametric, polar, conic, sequence and statistical plots.
- Function analysis—root, extremum, slope, area and intersection
- Plotting with tracing and zooming
- Graphic, symbolic and numeric views

## Test suitability:

The HP 39gs is permitted for use on most college entrance exams. Please refer to the HP calculator site for a list of tests: [www.hp.com/calculators](http://www.hp.com/calculators)

## Electronic specifications:

CPU	75Mhz ARM9
Display size	131 x 64 pixels
Display type	Pixel
Memory	RAM: 256 KB
IR port	IrDA (limited to 10 cm distance)
Serial port	USB, RS232 for connections to equipment such as PCs, dataloggers, surveying equipment, etc.
Power supply	AAA x 4 + CR2032

## Material specifications:

Enclosure/key top material	Plastic/plastic
Size	(l x w x d) 18.7 x 9.4 x 3.1 cm
Weight	Approximately 249 g
Accessories	Slide-on cover for screen protection PC connectivity kit

\*A PC with an Internet connection is required for downloads. Please purchase separately. HP makes no representation that a future upgrade will be available.

## Infrared communications



Communicate wirelessly with other compatible HP calculators

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[www.hp.com/calculators](http://www.hp.com/calculators)

