

HP 33s

Scientific Calculator



Get professional performance from the ultimate RPN* scientific programmable calculator. Switch between RPN and algebraic entry-system logic at any time. The HP 33s features a two-line display, and the powerful HP Solve** application.



Ultimate pocket size performer

Professionals and college students have the flexibility no other scientific calculator can offer with the choice of RPN or algebraic entry-system logic.

- Choose between RPN or algebraic entry-system logic—no other scientific calculator offers both
- Completely programmable—work more efficiently with keystroke programming
- Handle the heaviest workloads with ease with 31 KB of memory plus 27 independent storage registers
- Store an equation then use again to solve any variable using HP Solve or use 100 built-in functions

Accuracy and efficiency

The HP 33s continues to deliver with a large 2-line alpha numeric display with adjustable contrast, a robust library of built-in functions and constants.

- Large 2-line display with adjustable contrast to easily view entries, results, menus and prompts
- Simplify physics with 40 built-in physical constants, plus a complete library of unit conversions
- Get accurate results with edit, undo and delete capability
- Enjoy a compact size and comfortable rubber side grips that are designed for the mobile professional

Power and functionality in one

The programmable HP 33s features enhanced capabilities including single and two-variable statistics, base-n functions, a strong mathematics package, unit conversions and a powerful fraction mode.

- Use strong statistics functions for single and two-variable statistics, linear regression and more
- Use base-n functions for binary, octal, decimal and hexadecimal number calculation and conversion
- Power to calculate inverse functions, cube root, logarithms, exponents, factorials and more
- Take advantage of a powerful fraction mode plus fraction-to-decimal conversion

HP quality and support

Have confidence that every time you turn on your HP calculator, every calculation you make, results in dependable, worry-free performance and accurate results.

- Rely on HP quality and award-winning support—online and by phone
- Get the most from your calculator, visit www.hp.com/calculators for downloads, tutorials and more

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Specifications



The HP 33s Scientific Calculator includes all the features of the HP 30s plus:

- The choice of both efficient RPN and algebraic entry-system logic
- Programmable with keystroke programming
- HP Solve application
- 31KB memory with 27 independent storage registers
- 40 built-in physical constants
- Adjustable contrast 2-line display with menus, prompts and messages
- Edit, undo, delete capability
- Enhanced fractions mode, statistics and mathematics packages with base-n function
- Compact size and rubber grips for comfort



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| HP Part Number | F2216A |
| Display size | 2 lines x 14 characters + indicators |
| Display Type | LCD |
| LCD | 14 character dot matrix (5 x 7) x 2 lines + indicators |
| Contrast | Adjustable |
| Entry-system logic | RPN & Algebraic |
| Built-in functions | 100+ |
| Menus, prompts, etc. | Yes |
| Internal precision | 15 digits |
| Pending operations | 13-level parenthesis or maximum number of pending operation: 13 @ALG |
| Memory | 27 Memory registers; 31KB |
| Keyboard | Alphanumeric |
| Power | 2 x CR2032 batteries |
| Power off memory protection | Yes |
| Battery life | 0.73 year @ 1 hr/day (approximately 9 months) |
| Weight | 127 g (4.5 oz) |
| Size (L x W x D) | 15.8 x 8.3 x 1.61 cm (6.2 x 3.2 x .63 in) |
| Enclosure material | Plastic, rubber side grips and brushed metal faceplate |
| Key top material | Plastic |
| What's in the box | Calculator, batteries, user manual, pouch |
| Warranty | 1-year warranty (may vary by region) |
| Subject suitability | Engineering, Surveying, Science, Medicine |
| Permitted for use on | FE/PE, SAT [®] Reasoning and SAT [®] Subject Tests [™] in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, PLAN, EXPLORE [†] |

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*Reverse Polish Notation (RPN) is an efficient data-entry system that can significantly reduce keystrokes. More information is available at www.hp.com/go/rpn

**HP Solve is a time-saving application that allows you to solve for any variable without rewriting your equation.

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To learn more, visit www.hp.com/calculators

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