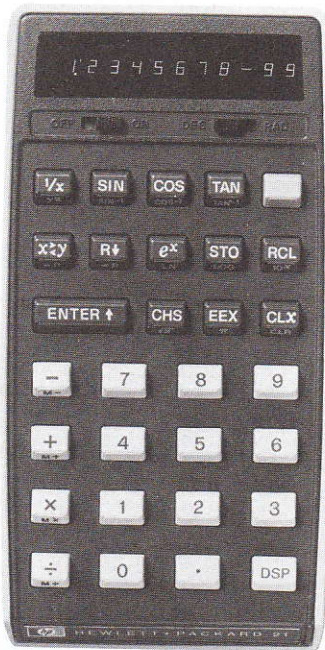


PERSONAL CALCULATORS

Scientific Programmable & Scientific Calculator

Models HP-21, HP-25, HP-25C



HP-21

The HP-21 is the lowest-priced scientific pocket calculator HP offers, yet it has all the functions and features you'd expect to find in a scientific pocket calculator. The HP-21 performs 32 preprogrammed functions and operations including logarithms, trig calculations and polar to rectangular conversions; in either radians or degrees. The RPN logic system tackles even the most complex problems efficiently and gives you continuous and immediate feedback. Combining the HP-21's capability with its low cost, you have a price/performance ratio that's simply unbeatable.

HP-21 Specifications

Pre-Programmed functions

Trigonometric (all in degrees or radians): Sin x; Arc Sin x; Cos x; Arc Cos x; Tan x; Arc Tan x.

Logarithmic: Log x; Ln x; e^x ; 10^x .

Other: y^x , $\sqrt{x}$; $1/x$; π ; rectangular/polar coordinate conversion; full register arithmetic.

General

Memory: one addressable register; four-register operational stack.

Display: Up to 10 significant digits in fixed-decimal notation; up to 8 significant digits plus two-digit exponent in scientific notation; full display formatting in either mode with selective round-off; indicators for improper operations, low battery.

Dynamic range: 10^{-99} to 10^{99} (200 decades).

Power: AC: 115 V, $\pm 10\%$, 50 to 60 Hz. Battery: 2.5 V dc nickel-cadmium rechargeable battery pack.

Size: 30 x 68 x 130 mm D (1.2" x 2.7" x 5.1").

HP-21 Scientific Pocket Calculator

Continuous Memory (HP-25C only)

The continuous memory capability of the HP-25C can provide tremendous values in time-saving and convenience to any scientist, engineer or student who uses a few long programs repeatedly—for example, if 20 percent of your programs will solve most of your problems.

The HP-25C retains a program—no matter how often you switch it on and off—by means of sophisticated complementary metal oxide silicon circuitry (C-MOS). The last program you store is



saved, ready for use, until you clear it or enter a new program.

The 8 data storage registers are also continuous, allowing constants or data to be stored indefinitely, to be available as needed.

The HP-25 is identical to the HP-25C but without continuous memory.

HP-25/25C Specifications

Pre-Programmed functions

Trigonometric (all in decimal degrees, radians, or grads): Sin x; Arc Sin x; Cos x; Arc Cos x; Tan x; Arc Tan x.

Logarithmic: Log x; Ln x; e^x ; 10^x .

Statistical: mean and standard deviation; summations giving Σ , Σx^2 , Σy , Σxy .

Other: y^x ; $\sqrt{x}$; $1/x$; π ; x^2 ; %; conversions between decimal hours, degrees, radians, or grads and hours (degrees)/minutes/seconds; rectangular/polar coordinate conversions, integer/fraction truncation; absolute value; full register arithmetic.

Programming features:

49-step program memory; conditional branching based on any of eight relational tests ($x < y$, $x \geq y$, $x \neq y$, $x = y$, $x < 0$, $x \geq 0$, $x \neq 0$, $x = 0$); direct branching; ability to review or execute programs step-by-step; ability to add or modify program steps; PAUSE and NO-OPERATION program instructions.

General

Memory: eight addressable registers; four-register operational stack; last-X register.

Display: up to 10 significant digits in fixed-decimal notation; up to 8 significant digits plus 2-digit exponent in scientific or engineering notation (in engineering notation all exponents are displayed as multiples of ± 3); full display formatting in any mode with selective roundoff; indicators for improper operations, low battery; line number/key matrix program display.

Dynamic range: 10^{-99} to 10^{99} (200 decades).

Power: AC: 115 V, $\pm 10\%$, 50 to 60 Hz. Battery: 2.5 V dc nickel-cadmium rechargeable battery pack.

Size: 30 H x 68 W x 130 mm D (1.2" x 2.7" x 5.1").

Ordering information

HP-25 Scientific Programmable Pocket Calculator

HP-25C Scientific Programmable with Continuous Memory