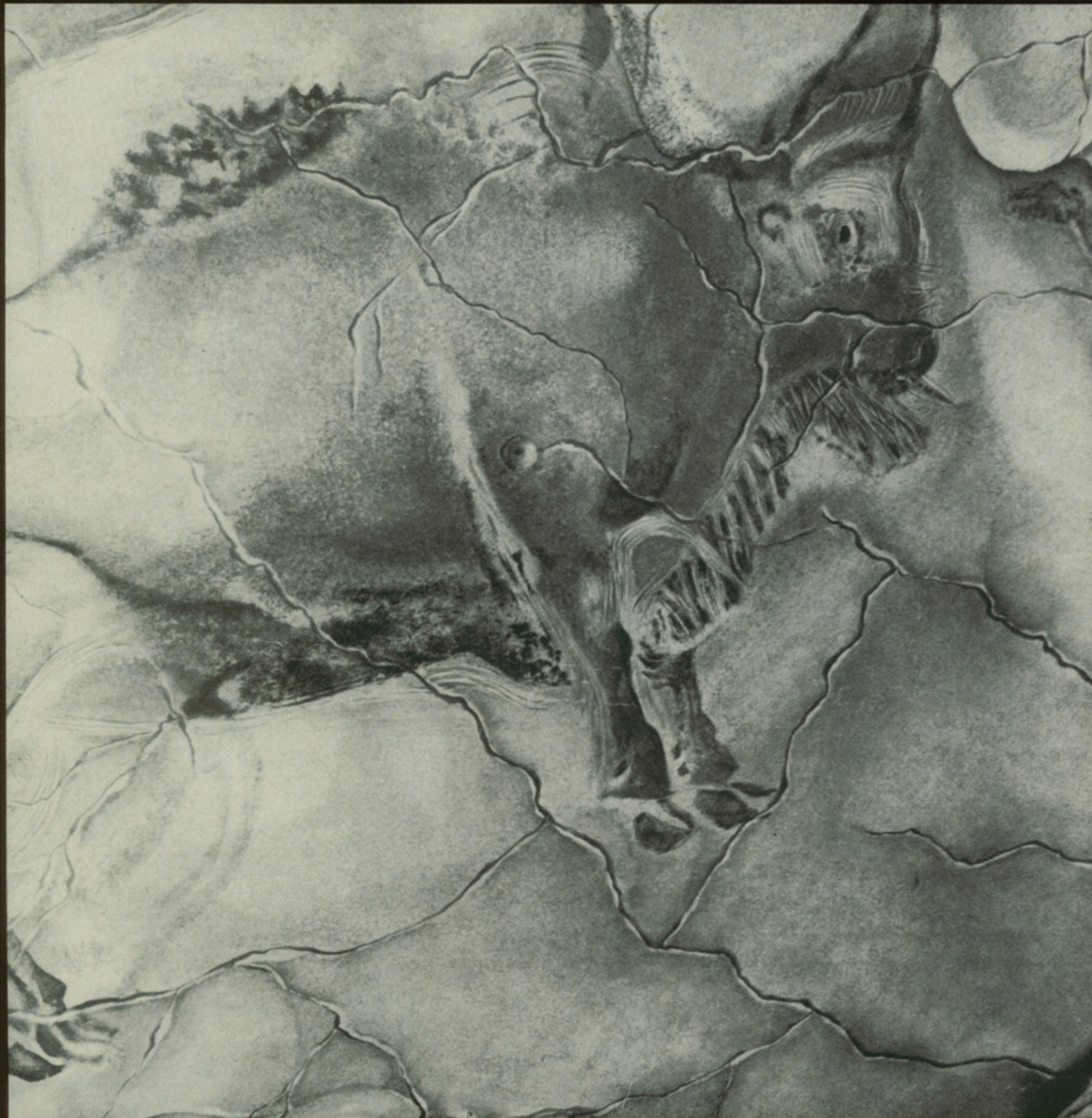
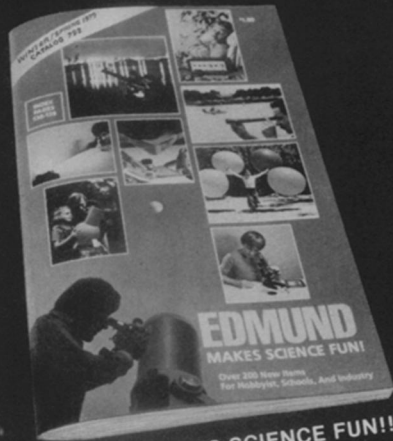


# SCIENCE NEWS

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# The Sinclair Cambridge Programmable with library of 294 programs (optional). A mere \$29.95

## How pocket calculators grew up

A couple of years ago, calculators took a step forward. Programmability transformed the slick slide-rule calculator into an advance scientific machine.

Sadly, it also transformed an inexpensive aid into a \$100 — \$200 capital investment.

Now the Sinclair Cambridge Programmable puts programmability where it belongs; in the palm of your hand, for less than \$30.

## The features of the Sinclair Cambridge Programmable

The Cambridge Programmable is genuinely pocketable. A mere 4-1/2" x 2", it weighs about 2 oz. and operates on a 9 volt battery (available anywhere).

Yet there is absolutely no compromise in the package of functions it offers.

Because the Cambridge Programmable is both a scientific calculator with memory, algebraic logic and brackets (which means you enter a calculation exactly as you write it), and a programmable calculator which offers simple, flexible through-the-keyboard program entry and operation.

The Cambridge Programmable has a 36-step program memory, and features conditional and unconditional branching (go to and go if negative).

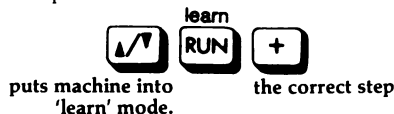
There is also a step facility, which allows you to step through the program to check that it has been entered correctly. If there is any programming error, the learn key allows you to correct single steps without destroying any the remainder of the program.

To achieve this, each program keystroke has an identifying code, or 'check symbol'. (The symbols for the digit keys are the digits themselves, while the symbols for the operator keys are letters printed beside the keys.)

The check symbol for  $\square$ , for example, is F. So if, as you step through the program, the display shows



it means that  $\square$  is programmed as step 26. If step 26 should have been  $\square$ , all you have to do is press



It's as simple as that!

These facilities make the Cambridge Programmable exceptionally powerful, whether it's running programs you devise or programs already available to you through the optional 294 Program Library.

## You can use the optional 294-program library to tailor the machine to your own specialty

Like a full-size computer — and unlike far more expensive specialist calculators — the Sinclair Cambridge Programmable can be programmed to handle calculations concerned with any specialty. In fact, once it's programmed, figures can be produced by an operator who need not understand the program!

To save you time, and to help inexperienced programmers, Sinclair has produced a library of 294 programs ready to be entered straight into the calculator.

Using these standard programs, the Cambridge Programmable solves problems from quadratic equations (where the program gives both real and imaginary roots) to twin-T filter design, and from linear regression to bond yields. It even plays a lunar landing game!

## Why the Cambridge Programmable costs so little

The Sinclair Cambridge Programmable uses the Sinclair talent for miniaturization to the fullest — as you'd expect from the company that pioneered the truly pocketable pocket calculator, and recently introduced the world's first pocket TV.

Chip and circuitry design are unique to Sinclair. Shipped direct, and sold to you direct, the Cambridge Programmable accumulates no middleman's profits on the way.

The result is a pocket programmable calculator of advanced design, sold by Sinclair with a Sinclair 1-year complete guarantee, at a price unmatched by any comparable calculator.

## 10-day no-obligation offer

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