

What does it take to build the world's smallest scientific calculator?

About three hours. And \$29.95

Designing the Sinclair Scientific was no small feat of engineering. But you don't have to be an engineer to assemble it with our kit.

Now you can put together the world's thinnest, lightest scientific calculator from eight groups of components, using only a soldering iron and a pair of cutters.

(Complete instructions are included, of course. And our Service Department will help you with any questions that come up.)

For an incredible \$29.95, look what the Sinclair Scientific can do:

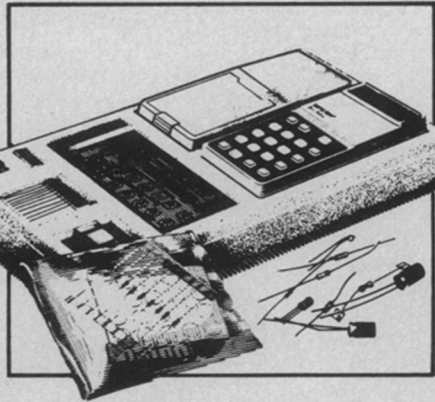
**sin and arcsin
cos and arccos
tan and arctan
automatic squaring
automatic doubling
log and antilog (base 10)
giving quick access to
 x^y (including square
and other roots)
four basic arithmetic
functions
plus scientific notation
(10^{-99} to 10^{+99}).**

To be a really valuable tool, a scientific calculator must provide *all* of the above.

A calculator without scientific notation severely limits the size of numbers with which you can work easily. And scientific notation without transcendental functions is little more than window dressing on an arithmetic calculator.

Less than $\frac{3}{4}$ -inch thin and $3\frac{3}{4}$ -ounces light, the British-made Sinclair Scientific isn't just portable. It's pocketable.

All parts are tested before shipment — and we guarantee any correctly-assembled calculator for one year. (This guarantee also applies to calculators purchased in assembled form.)



How to get your Sinclair Scientific.

By special arrangement, readers of this publication may order the Sinclair Scientific directly. Just use the coupon below, and we will rush your calculator to you (at our unbeatable price) by return mail.

Kit Components

Coil
LSI chip
Interface chips
Printed circuit board
Keyboard panel
Electronic components pack
Batteries, battery assembly and on/off switch

Case mouldings, with buttons, windows and light-up display in position
Soft carrying wallet
Comprehensive instructions
Assembly time is about 3 hours.

Specifications

Functions:

4 arithmetic
2 logarithmic
6 trigonometric

Keyboard:

18 key format with 4 "triple-action" function keys

Display:

5-digit mantissa
2-digit exponent (both signable)

Exponent:

200-decade range, from 10^{-99} to 10^{+99}

Logic:

Reverse Polish, with post-fixed operators

Power Source:

Battery operated with 4 AAA batteries

Size:

$4\frac{3}{8}$ " high;

2" wide; $\frac{1}{16}$ " thick

Weight:

$\frac{3}{4}$ oz.

**sinclair™
SCIENTIFIC**
The logical choice.



To: Science News
1719 N Street, N.W. Dept. K-1
Washington, D.C. 20036

Please send me _____ Sinclair Scientific Calculator Kits at \$29.95 each (add \$3.50 per unit shipping and handling). Units shipped complete with batteries, case and comprehensive instructions. Enclosed is my check or money order for \$_____. (For immediate shipment please forward Cashiers Check.) Please allow 2 weeks for shipment if personal check is enclosed. D.C. residents please add sales tax.

NAME _____

ADDRESS _____

CITY _____ STATE _____

ZIP CODE _____

(Due to the uniqueness of this offer no refunds are possible.)