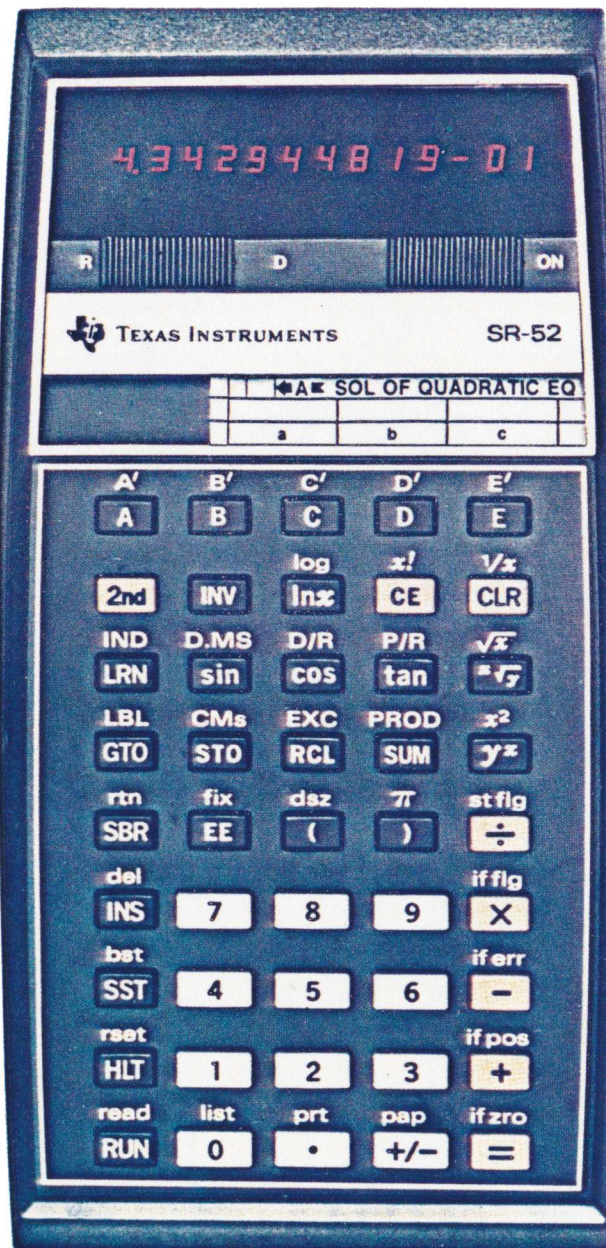Evaluate complicated functions. Calculate transcendental functions. Find the roots of: F(x) = 0. Find numerical solutions to ordinary differential equations. Invert and multiply matrices. Solve simultaneous equations. Integrate a function between arbitrary limits. Determine best-fit values for statistical samples. Now you can set up calculations like these just once. Record them. Then use them for years.

Texas Instruments SR-52
Handheld programmable calculator

Texas Instruments SR-52. An easy-to-operate programmable calculator with exceptional power.

(Actual Size)

- 224 Program storage locations
- 20 Addressable Memory locations
- 9 Levels of parentheses
- 72 Labels

Now mathematical programming is accessible to any professional. Problems that couldn't be done without waiting to get on a computer are easily handled on an SR-52 weighing little more than 12 ounces.

Complex repetitive problems or lengthy calculations that once took hours can now be solved in seconds. And the chances of error are dramatically reduced.

The SR-52 is actually three calculators in one with three separate modes: Run mode. Calculate mode. Learn mode.

With a few keystrokes, the run mode allows you to quickly solve complex problems with programs from prerecorded magnetic cards. The calculate mode lets you use the SR-52 as a powerful calculator to solve problems manually. And with the learn mode, you can literally teach the SR-52 your unique calculating methods.

All modes can use nine levels of parentheses. 20 independent memory registers and 224 program locations.

Combine this powerful capability with prerecorded programs, or programs you originate yourself, and you have an extremely valuable computational resource right at your fingertips. Exceptional power ...and at an exceptional price.

Run Mode

The SR-52 processes lengthy, complex calculations automatically. And it's not necessary to know about computers or computer language for its programming power to work immediately. Simply select one of the 18 different prerecorded programs from the Basic Library. Or one that you have written.

Load the prerecorded magnetic card. This lets the SR-52 read the card's contents into program memory. Insert the card above the user-defined keys.

Enter known quantities directly into the program. Or into one or more of the 20 addressable memory registers. Or both.

Execution is completely automatic. A program runs until it encounters a halt.

Repeat a program as often as needed. Change values of your known quantities. Solve for different unknowns. The stored program is unaffected.

1. Insert card. Send the A-side of the prerecorded magnetic card through first.