CL-199C

A02.1977

Electronic Calculators from Texas Instruments.

For home. School. Business. Science...You.

M 16,180,339.89

TEXAS INSTRUMENTS

TI-5100

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%   7 8 9   × ÷
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TEXAS INSTRUMENTS
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TI-5050M

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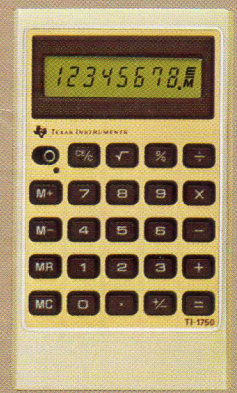**TEXAS INSTRUMENTS**

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TEXAS INSTRUMENTS
M+ 7 8 9 ×
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TI-1750

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TEXAS INSTRUMENTS
TI Money Manager

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TEXAS INSTRUMENTS
TI-30

3.1815926
TEXAS INSTRUMENTS
TI-1050

12345678
TEXAS INSTRUMENTS

REPLAY

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TEXAS INSTRUMENTS
The MBA

12345678
TEXAS INSTRUMENTS

62186372
TEXAS INSTRUMENTS

MATRIX ADDITION AND MULTIPLICATION

TI Programmable 57

Continuing revolutionary advancements from Texas Instruments...the leader in electronic technology.

The catalyst for the calculator boom was the integrated circuit, a tiny chip of silicon combining the amazing computational power of thousands of transistors. TI invented the original integrated circuit and has produced more of them than any other company in the world.

Texas Instruments has long been a leader in solid-state technology and has pioneered a series of landmark developments relating directly to calculators. In addition to the original integrated circuit, TI holds key patents in the basic Metal-Oxide-Semiconductor (MOS) technology used in calculators, the "calculator-on-a-chip" integrated circuit which became the heart of the miniature calculator itself.

Texas Instruments is involved in calculator technology from start to finish. From design right through manufacturing, final assembly and testing.

Know-how, experience and start-to-finish quality control — these are the keys to the exceptional quality and craftsmanship in Texas Instruments advanced consumer products.

Microelectronic digital watches from Texas Instruments.

Extraordinary value in a broad line of attractive, reliable solid-state timepieces from the world leader in advanced electronic technology.

Texas Instruments designs in quality, precision accuracy and rugged dependability with the same know-how and attention to detail that have made TI calculators the industry's standard of excellence. Texas Instruments digital watches come in a wide selection of styles, colors and case materials for men, women, young adults and children. All watches display hours, minutes, seconds, month and date. With a choice of LED or liquid crystal readout.
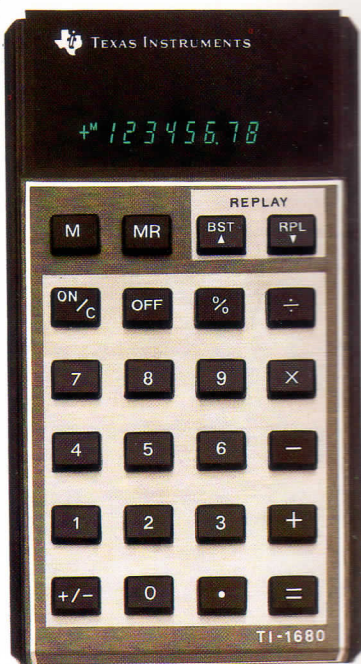
TI-1680

An economical pocket portable, but with an exclusive new playback feature that lets you review your calculations — almost like having a printed tape.

The TI-1680 with replay capability lets you review up to 20 entries — and make changes. Simply press the RPL key and your numbers and functions appear in the order you entered them. Press BST and the TI-1680 will backstep through your entries.

Make changes instantly — without reentering entire calculation. Simply stop at the entry to be changed, key in the new entry and press equals. The TI-1680 will automatically recalculate the problem and display corrected solution. When twenty 8-digit capacity is exceeded, the TI-1680 stores this sum in memory, automatically.

Performs the most needed math functions: addition, subtraction, multiplication and division. Also has percent key, change-sign key and powerful full function memory. Bright 8-digit vacuum fluorescent display is large, easy-to-read. Floating decimal point and negative sign. Audit trail. Overflow-error indication. Operates on rechargeable battery. AC adapter/charger and carrying case included.

Here's how the TI-1680 works.

Enter your problem	Review it	Change it
5	Press: RPL	Press: RPL
+ 2	Here's what	+ 5.
+ 6	you'll see:	Press: RPL
=	+ 5.	+ 2.
	Press: RPL	Suppose you want to
	+ 2.	change this to a one.
	Press: RPL	OK, simply press 1:
	+ 6.	Now press = to
	Press: RPL	recalculate. Display
	= 13.	now shows corrected result: = 12.

EXCLUSIVE REPLAY FEATURE

Lets you recall without printed tape
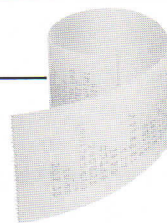
Exclusive replay feature. Lets you recall without printed tape.

TI Money Manager

The TI Money Manager is a low-cost electronic calculator designed for people who need a wider range of capabilities to manage their personal finances: Household budgets. Savings and checking accounts. Mortgage loans. Investments. And more.

The TI Money Manager's preprogrammed financial functions enable you to get the information you need about your personal finances at the press of a few keys.

Information is at your fingertips, available when and where you need it. And you'll find that the TI Money Manager's ability to determine the best alternative when faced with various financial options will pay for itself many times over.

The TI Money Manager combines the ease of a basic four-function calculator with added finance and math functions to handle your problems quickly and efficiently. Add. Subtract. Multiply. Divide. Percent. Memory. Plus 5 preprogrammed financial functions to provide immediate answers to your money problems. Advanced mathematical capabilities include: Squares. Square roots. Universal roots and powers. Logarithms. Reciprocals. Built-in linear regression. Operates on disposable 9-volt battery (not included).
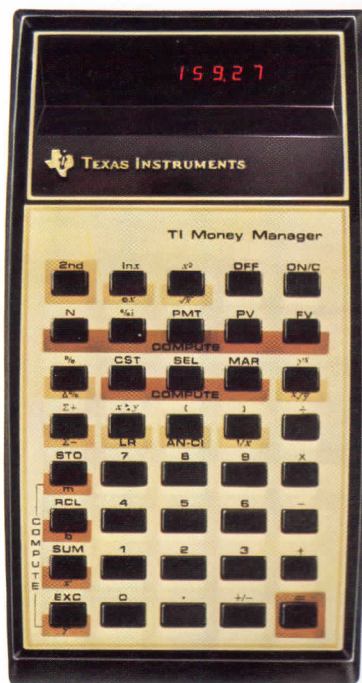
The versatility of the TI Money Manager makes it ideally suited not only for handling your personal finances, but for use in business, by students, as well as at home. It's the calculator the whole family can use today and not outgrow tomorrow.

The TI Money Manager comes complete with an easy-to-understand guide for managing personal finances, *Doing More With Your Money.* This book is *not* for financial experts. It *is* for most of us — people on a budget who are interested in improving their financial ability, or just dealing with financial questions that occur in daily life. *Doing More With Your Money* is a collection of common financial problems which can serve as your source book for using financial math. Topics include: Investing money in a home. How to use money to make money. How to best allocate money — and much more. Each problem is a sample application, including the keystroke sequence for finding the solution. To find the answer to your financial question just select the appropriate example and substitute your numbers. The TI Money Manager displays the correct answer in just a few seconds.
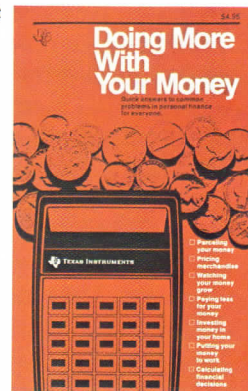
Manage your personal finances like a professional.

TI-30 Student Math Kit

The TI-30 is a versatile 48-function calculator that performs arithmetic, percentages, squares and square roots, reciprocals, powers and roots, logarithms and trigonometric functions. Convenient 4-key memory stores and recalls numbers, adds displayed values to memory and exchanges memory contents with display.

TI's unique AOS™ algebraic operating system makes the TI-30 especially useful to secondary students. Problems are entered left-to-right and are executed following standard algebraic hierarchy: First powers. Then multiplication and division. And finally, addition and subtraction.

Bright LED display shows 8 digits and sign in standard format; 5-digit mantissa, 2-digit exponent and 2 signs in scientific notation. Operates on disposable 9-volt battery (not included). An optional accessory kit converts the TI-30 to a fully rechargeable calculator.

Included in the TI-30 Student Math Kit are a complete owner's manual, a special vinyl carrying case in simulated denim and a big 224-page student math book. Also included are handy pocket-card references for metric conversions and biorhythm calculations.
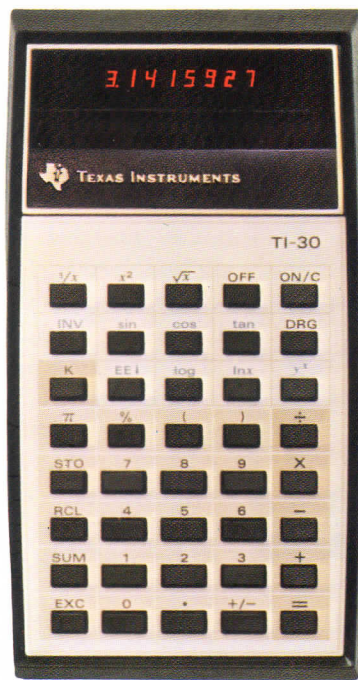
"The Great International Math on Keys Book" helps students get the most out of their TI-30.

Developed in cooperation with the staff of the University of Denver Mathematics Laboratory. Useful, interesting information about calculator mathematics and the role it plays in everyday life. It helps students use the TI-30 slide rule calculator as part of a problem-solving system as well as a tool to discovery.

Chapters and topics include:
- ☐ Algebra
- ☐ Trigonometry
- ☐ Business & Finance
- ☐ Home Management
- ☐ Conversions
- ☐ Bibliography
- ☐ Tables/Charts/Appendices
- ☐ Probability & Statistics
- ☐ Physics & Chemistry
- ☐ Puzzles & Games
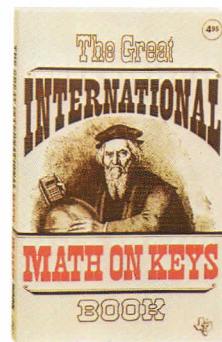
"The National Council of Teachers of Mathematics (NCTM) continues to endorse the minicalculator as a valuable instructional aid for mathematics education and to recommend the use of the minicalculator in the classroom." Source: NCTM News Release dated 11-75.

An extraordinary value. Ideal for high school . . . and to grow with into college and career.
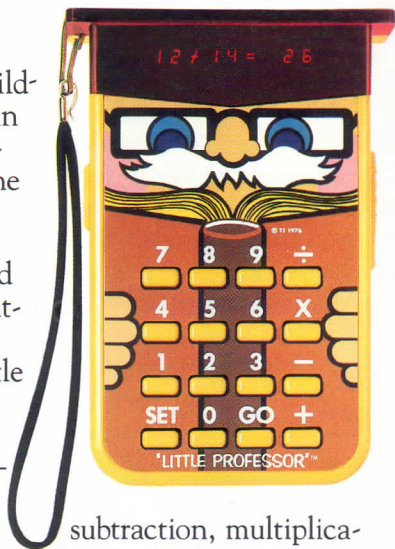
Little Professor™

A unique electronic learning aid designed specifically to help children 5 years and older in exploring basic mathematics. Combines the excitement of a space age game with the time-proven flash card approach to mathematics education.

The durable Little Professor generates a sequence of preprogrammed problems — over 16,000 basic problems in addition, subtraction, multiplication and division at four levels of achievement. Involves children in mathematics through an enjoyable "instant feedback" situation. The child selects one of four levels of difficulty on the Little Professor. It gives the questions. The child gives the answers. It gives the score.

A single arithmetic function and level of achievement may be practiced repeatedly to sharpen weaker skills, or the student can rotate the functions to take advantage of the wide variety of problems available in the Little Professor. As he gains confidence and skill, he can move up the scale to try the tough "brain teasers" that challenge even the experts.

The Little Professor is easy to use. First the child selects the operation to be practiced (by pressing the $+$, $-$, $\times$ or $\div$ key) and the level of achievement desired (with the four-position switch on the side of the unit). Pressing the "SET" and "GO" keys displays the first problem to be solved (such as $2 + 4 =$).

The child then has three tries to enter the correct answer through the keyboard. If the correct answer is entered, the completed equation ($2 + 4 = 6$) is displayed for one second and a new problem appears.

If an incorrect answer is entered, the display shows "EEE" (error) for one second and two more opportunities are given. If the correct answer is not given in three tries, the completed equation appears in the display, giving the child the correct answer. Pressing "GO" displays the next problem.

As an additional incentive, the Little Professor displays the score of correct first answers after each 10 problems. Pressing "SET" and "GO" starts the learning process again.

Included with the Little Professor is *Fun With Math Facts*, a stimulating 28-page book that offers a wealth of interesting math exercises for children to complete themselves. With 18 illustrated learning games and activities and helpful tips for parents.

The Little Professor is designed for safe, dependable performance. Operates on disposable 9-volt battery (not included).
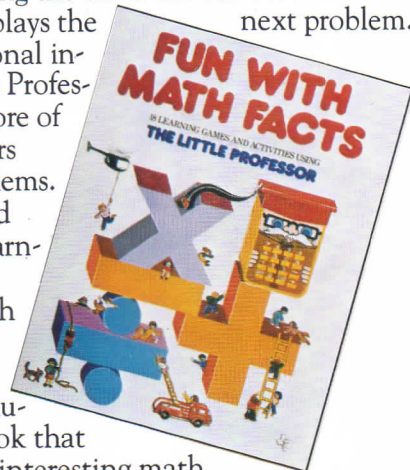
Electronic learning aid for children 5 years and up.

DataMan™

DataMan is designed to help children seven years and up form positive attitudes about mathematics by bringing fun and excitement to basic drill and practice. DataMan couples imaginative design with a remarkable advance in display technology that rewards correct answers with fun-filled antics on the order of modern stadium scoreboards.

Far more than a super electronic "flash card," DataMan offers multiple learning activities and math strategy games which can be adjusted to various achievement levels as children gain confidence and skill. Add, subtract, multiply or divide, DataMan provides an intriguing variety of learning activities:

☐ **Answer Checker.** Youngsters key in a problem — and the answer. If an answer is incorrect, DataMan flashes EEE and gives the child a second try before displaying the correct answer.

☐ **Problem Storage.** DataMan replays a student-selected sequence of problems, giving two tries per problem before displaying the correct answer.

☐ **Math Tables.** Children select any math table and DataMan asks for the answers.

☐ **Missing Numbers.** (Box Problems). DataMan asks for the first, second or third number in a series of three-number equations ($? + 3 = 6$, $3 + ? = 6$, or $3 + 3 = ?$).

☐ **Wipe-Out.** DataMan's timer starts counting down as players tackle a sequence of problems. Each player solves one problem, then passes DataMan to another player to answer the next problem. The youngster holding DataMan when the timer goes off loses.

☐ **Number Guesser.** Players must guess a number (not displayed) randomly selected by DataMan. Players take turns narrowing down the choices until the correct number is found.

☐ **Force Out (Nim).** A strategy game based on subtraction. DataMan randomly selects a two-digit number from which players take turns subtracting one-digit numbers until one player is stuck with the last number and loses.

DataMan is readily portable because it's battery operated (standard 9 volt battery not included). To prevent accidental power drain, DataMan also has a "battery-saver" feature which automatically turns off all but one segment of a display digit after a short interval.

DataMan comes with illustrated activity book filled with stimulating problems and activities for young students, plus helpful hints for parents. Engineered for durability, safety, and dependable performance.

New multi-function mathematics learning aid in the tradition of TI's Little Professor.

TI-1000

Owning a TI-1000 is good economics. It can simplify your day with fast, accurate answers to the most common arithmetic problems — balancing the checkbook, planning budgets, solving homework problems, comparative shopping.

The TI-1000 adds, subtracts, multiplies, divides and figures percentages. Instantly. Accurately. For problems involving repetitive calculations, an automatic constant eliminates reentering the same number over and over again. A convenient algebraic entry system allows you to enter most problems just as they are written. And all entries and answers are easy-to-read in a bright 8-digit LED display. Floating decimal point and negative sign ensure maximum readability and accuracy.

Operates on disposable 9-volt battery (not included). Optional AC adapter is available.
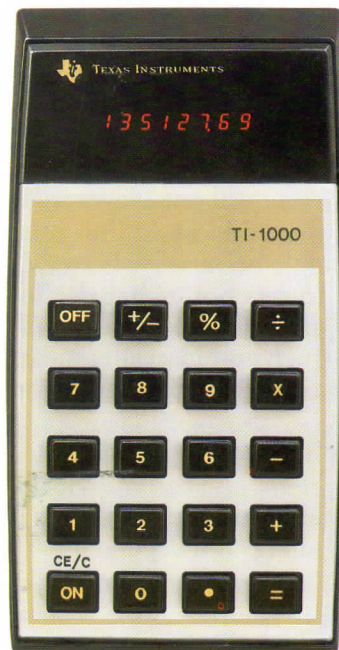
A lightweight, economical 5-function calculator.

TI-1025

The independent memory makes the TI-1025 ideal for keeping running subtotals of your work — a useful feature whenever you're working with budgets or doing comparisons. And, memory recall lets you maintain accurate, convenient cross-references of your calculations without having to keep a scratch pad nearby or reenter forgotten numbers.

Of course, the TI-1025 adds, subtracts, multiplies, divides and has a percent key for calculating percentages, taxes, discounts. There's a change-sign key for entering negative numbers. An automatic constant feature to eliminate having to reenter the same number for repetitive calculations. And a floating decimal point to ensure maximum accuracy.

The 8-digit VF display is clearly visible for either handheld or desktop operation. Operates on disposable 9-volt battery (not included). Optional AC adapter available.
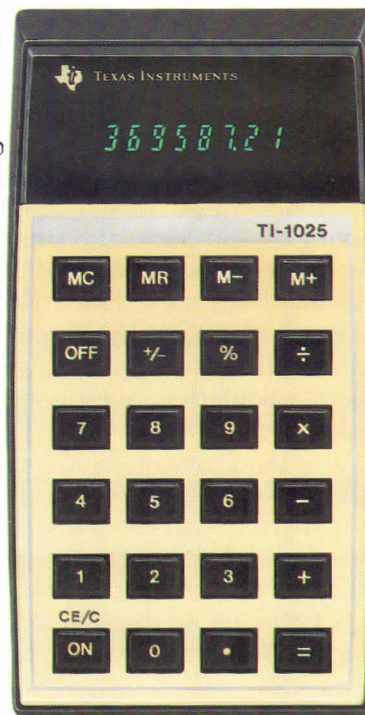
A quality, portable calculator . . . with memory.

TI-1050

Almost everyone in your home will find the TI-1050 a convenient, easy-to-use calculator — with its powerful arithmetic memory and special features.

Around the house: Figure budgets. Balance checkbooks. Do taxes. Take it shopping to quickly figure cost comparisons, find the best buys.

At the office: Percent key. Lets you do percentages quickly, without having to shift decimal points — perfect for figuring discounts and add-ons. And there's a time-saving automatic constant that lets you do repetitive calculations without having to reenter numbers. And the full-function memory and algebraic entry system makes calculating investment decisions a simpler task.

In the classroom: Students will also find it useful at home or at school. The TI-1050 was designed in conjunction with educators, and does those extra functions (change sign, square root) needed for secondary school math work.

Operates on disposable 9-volt battery (not included). Optional AC adapter is available.

Extra capability for school, business, home . . . the whole family.

DataClip™

The go-anywhere personal calculator that's so handsome you'll want it as part of your daily accessories on looks alone.

A sophisticated high-technology calculator with five basic functions, full-function memory and special features. It's smooth and sleek: pencil-thin, barely longer than a pen and just about an inch wide. Slides easily into any pocket or purse. Powerful memory lets you add to, subtract from, recall or clear memory. Bright liquid crystal display shows 8 digits, memory sign and error indication.

Looks like a million but doesn't cost a fortune to operate — you'll get up to 1000 hours (typical) operating time per set of batteries. Comes complete with batteries and attractive carrying case.
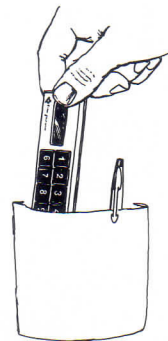
A rich-looking, super-compact calculator.

TI-1750
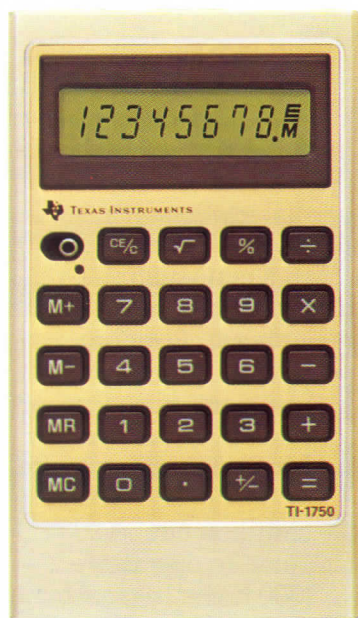
So light. So small. So economical. You'll get up to 2,000 hours of operating time per set of batteries (7 years typical operating time).

You can slip the TI-1750 into your pocket or purse. Ideal for meetings or tests, on business trips or shopping trips.

Pencil thin and smaller than a wallet, the TI-1750 weighs only 2½ ounces. Yet, it performs today's most needed math functions: Add-ons, discounts, square roots, percentages. And it has a four-key memory.

Large easy-to-read liquid crystal display shows 8 digits plus overflow, minus and memory signs.
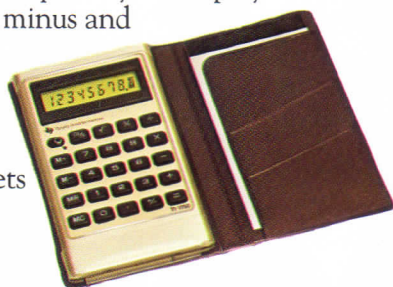
Comes in brown vinyl wallet folder, complete with note pad and insert pockets for business cards.

Pocket portable . . . with memory.

TI-2550-III

Richly styled yet easy-to-use and easy-to-read with large bright green 8-digit vacuum fluorescent display. A rechargeable calculator with keyboard functions useful to businessmen as well as engineers and students.

Has a full-function memory system. Add to and subtract from memory. Recall and clear memory. Special functions include reciprocals, squares, square roots and percent. Change-sign key for ease of problem solving. And reverse key to invert fractions and recall next-to-last entry during additions and subtraction. Automatic constant permits repetitive addition, subtraction, multiplication or division of a number by a constant. All results are calculated with full-floating decimal.

Fast charge battery pack provides 3 to 6 hours of continuous use. AC adapter/charger and carrying case included.

A rechargeable, portable calculator with extra functions for busy professionals and students.

SR-40

A full function slide-rule calculator. Simplifies problem-solving with 48 of the most needed functions. And AOS™, TI's unique algebraic operating system, lets you enter calculations as they're written, left to right. Also handles 15 sets of parentheses with up to 4 pending operations.

Performs roots, powers, reciprocals, common and natural logarithms, trigonometry (in degrees, radians or grads), in addition to basic arithmetic. Versatile memory functions include store, recall, sum to memory and memory/display exchange.

Bright LED display indicates angular mode and shows 8 digits and sign in standard format, or in scientific notation, 5-digit mantissa, 2-digit exponent and 2 signs.

Operates on fast-charge rechargeable electronic battery pack or AC. And its automatic turn-off substantially increases battery life. Adapter/charger, owner's manual and carrying case included.
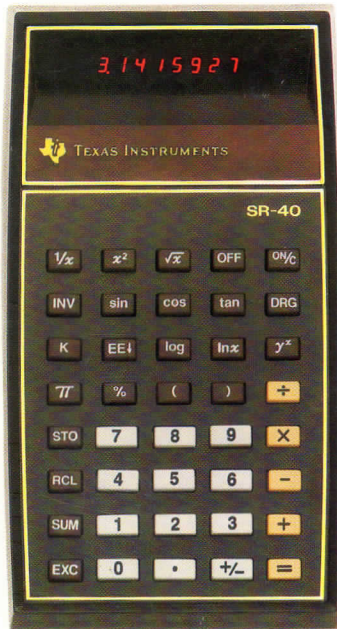
Powerful. Rechargeable. Rugged. Styled for today's professionals and college students.

SR-51-II Professional Decision Making System
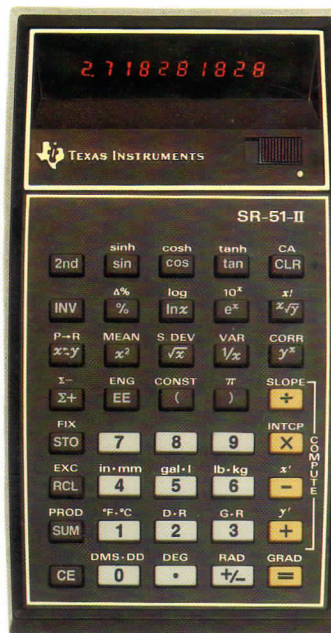
Whatever your field or profession, Texas Instruments SR-51-II Professional Decision Making System provides you with the tools to make better decisions . . . fast, accurate solutions to magnify your productivity and improve your performance.

Versatile SR-51-II calculator is packed with features and functions to handle most any mathematical operation, from logarithms and trigonometry to more advanced statistical problems. Broad SR-51-II statistical capability . . . mean, variance, standard deviation, correlation, linear regression, trend line analysis . . . gives you quick access to the numbers you need to support conclusions or recommend new policies.

Easy-to-understand, 132-page *Calculating Better Decisions* book demonstrates how you can use the power of statistics and the math of finance to bear directly on the work you do.

SR-51-II Professional Decision Making System also includes quick reference owner's manual, carrying case and AC adapter/charger.
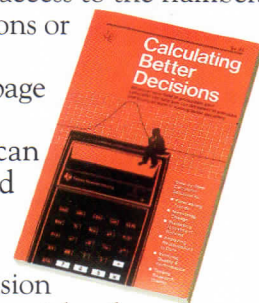
Professional calculator and book combination for fast, accurate problem solving and statistical analysis.

TI Business Analyst

Insurance. Real Estate. Securities. Buying, selling or trading. Whatever your business, the TI Business Analyst provides the calculating power to quickly and accurately apply your business analysis techniques to time and money problems.

Special keys activate preprogrammed financial functions. Three keys deal with cost/sell margins. Five keys handle compound interest, annuity calculations and other present/ future value problems. Variables may be entered for any calculation in any order.

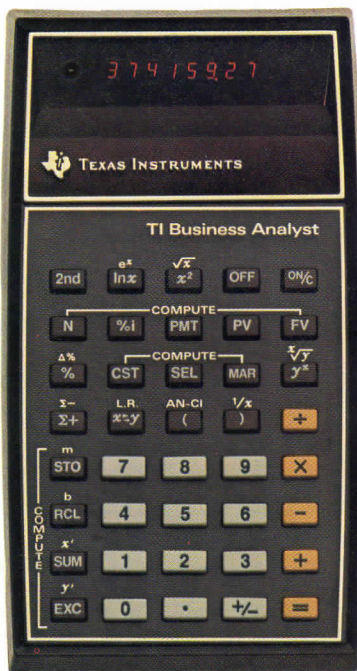Advanced math capabilities include linear regression and trend line analysis — useful in forecasting. Percent and percent change. Reciprocals, squares, roots, powers, natural logarithms. Also 15 sets of parentheses, a versatile memory complete with summation to memory and a memory/display exchange capability.

TI Business Analyst comes complete with owner's manual, vinyl carry case, fast charge battery pack, and AC adapter/charger.

Lets you handle a wide range of business calculations quickly and efficiently.

MBA™ Calculator

A powerful calculator with preprogrammability. Lets you analyze financial situations faster. Use statistical methods quickly and easily. Make more, and better business decisions.

Financial Functions: Computes net present value and internal rate of return for variable cash flows. Payment, present value, future value, number of periods or periodic interest rates for both ordinary annuities and annuities due. Also days between dates and direct solution of yield for bonds or mortgages with a balloon.

Statistical Functions: Mean, variance, and standard deviation at the touch of a key. Built-in linear regression with correlation coefficient. Also, versatile memory group — 12 in all.

Easy programmability. "Learn" key lets the MBA remember a sequence of up to 32 keystrokes which may include preprogrammed financial functions to provide exceptional power. The sequence may be repeated with the push of a single key.

A business/financial calculator with preprogrammed functions . . . and programmability.

TI Programmable 57

The TI Programmable 57 is a powerful slide rule calculator that you can program right from the keyboard. It comes with a graphic learning guide, *Making Tracks Into Programming*, making it ideal for high school or college students and professionals new to programming.

Eight multi-use memories provide addressable memory locations for you to store and recall data. Powerful program memory stores up to 150 keystrokes as you build your program. Once stored, the program can be executed repeatedly by supplying new sets of variables instead of reentering all the program keystrokes.

Computer-like programming functions include: Complete editing and error correction capabilities. Six different forms of branching. Two levels of subroutines. And much more.

The TI Programmable 57 is also a powerful super slide rule calculator which provides many advanced mathematical capabilities to simplify problem solving: Functions of x. Logarithmic functions. Trigonometric functions. Statistical functions. Nine levels of parentheses and the ability to store up to four pending operations let you handle even complex equations quickly and easily.

AOS™ — TI's unique algebraic operation system — makes problem solving easy. You enter problems from left-to-right, exactly as they are stated algebraically.

The TI Programmable 57 comes with a new, illustrated easy-to-follow learning guide —*Making Tracks Into Programming*. With over 200-pages, this book takes you into the power and fun of programming right away — with step-by-step instructions and examples. Detailed "how-to" discussions cover: Basic programming. Loops and repetitive calculations. Editing and documentation. Decision making. Home management programs. Finance and cash planning. General and advanced math. Scientific applications. Games and recreation. And more. AC adapter/charger and carrying case included.
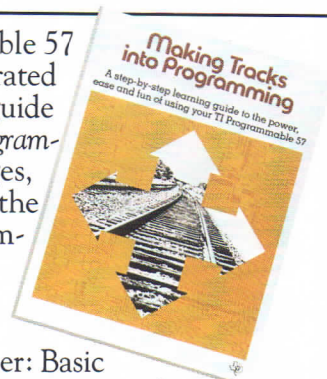
Technology: Key To Value

The Programmable 57 provides exceptional power at an exceptional price. The key to its value is a remarkable advance in integrated circuit technology — a single MOS/LSI chip with the equivalent capacity of 30,000 transistors. It is the most powerful single-chip calculator ever produced!

The self-teaching programming system for students and professionals.

TI Programmable 58

Here's a programmable calculator that offers more power, flexibility and capability than any other calculator in its class. Prewritten programs which were once contained on almost 2 dozen magnetic cards have been encapsulated in a tiny plastic module that simply plugs into the calculator. This revolutionary Master Library module is virtually a tool kit fo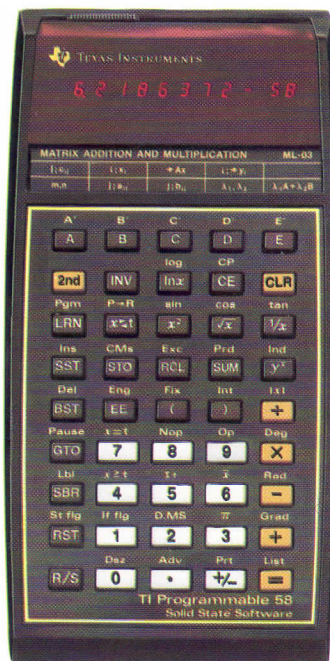r today's professional. It contains 25 different programs available at the touch of a key. Programs include math, statistics, finance.

The TI Programmable 58 is truly computer-like. Up to 480 program steps or 60 memories to work with individually or integrate with Master Library module to deliver up to 5000 additional steps. 4 types of display testing with independent test or "t" register. 10 additional test registers directly available for: Looping, Increment, Decrement. 6 levels of subroutines. 72 useful labels. 2 modes of indirect addressing. 10 user flags available: Set, Reset, Test. 10 user defined label keys. Over 170 functions and operations in scientific, engineering and statistical fields.

Complete editing and error correction capabilities. Single-step and back-step key lets you review and revise your program. Insert and delete keys make it simple to add or remove instructions at any point in the program.

TI's AOS™ algebraic operating system allows easy, straightforward problem solving. Key in the problem left-to-right, just as you would read or write it in standard mathematical terms. Also nine levels of parentheses allowing 8 pending operations to provide extended problem solving capability.

Personal Programming, an exclusive added-value book, allows you to use your Programmable 58 with confidence — straight off. Unlocks the power of programming in language most everyone can understand. You will find many illustrated examples which will be highly adaptable to your work: Bond cost. Spherical coordinates. Investments. Quadratic equations. And much more.
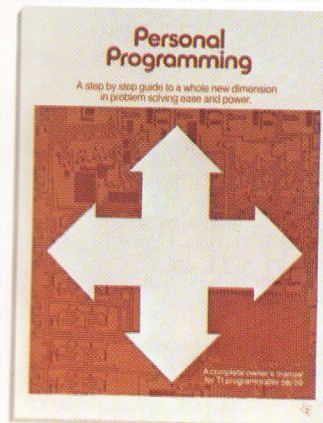
The TI Programmable 58 gives hard copy when used with the PC-100A thermal printer, plotter. An AC adapter/charger is included for AC operation or rapid battery recharge. Optional Solid State Software™ libraries are available in Applied Statistics, Real Estate and Investments, Aviation, Marine Navigation, Surveying.

The advanced programmable calculator with plug-in Solid State Software™ module. An exceptional value for professionals or advanced students.

TI Programmable 59

A revolutionary new advance in personal programmable calculators. You have up to 960 program steps, or up to 100 memories. And when integrated with the Master Library it delivers up to 5000 steps.

The Master Library module simply plugs in. It includes 25 different programs in key areas: Math. Statistics. Finance. While blank magnetic cards let you write and record custom programs which may be run individually or integrated with programs in the library modules.

Features of the powerful TI Programmable 59:
☐ 4 types of display testing with an independent test or "t" register.
☐ Up to 10 additional test registers directly available for: Looping. Increment. Decrement.
☐ Up to 10 user flags available: Set. Reset. Test.
☐ 72 useful labels.
☐ Up to 6 levels of subroutines available.
☐ Extremely flexible addressing of:
Program Steps
   1. Absolute
   2. Indirect
   3. Label
Data Memories
   1. Direct
   2. Indirect
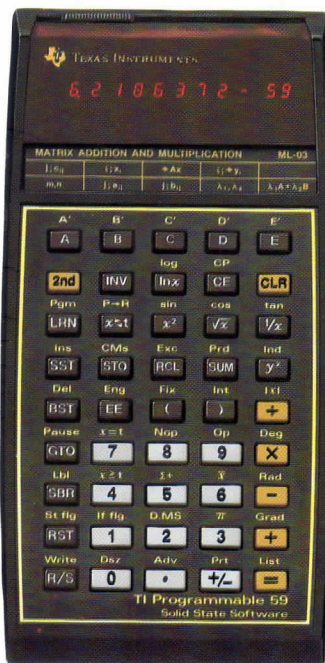
☐ Complete program editing: Insert. Delete. Single step. Backstep. No Operation.
☐ 10 user defined label keys.
☐ Up to 9 sets of parentheses allowing up to 8 pending operations.
☐ Over 175 functions and operations in scientific, engineering and statistical fields.
☐ Operates with PC-100A printer, plotter.

An AC adapter/charger is included for AC operation or rapid battery recharge.

Personal Programming, an exclusive, added-value book, starts you programming immediately. This convenient manual takes you through each function, each operation — step by step. With illustrated examples that will be highly adaptable to work you do: Bond cost. Spherical coordinates. Investments. Quadratic equations. And much more.

Optional Solid State Software™ libraries are available in: Applied Statistics. Real Estate and Investment. Aviation. Marine Navigation. Surveying.
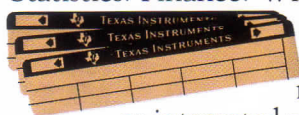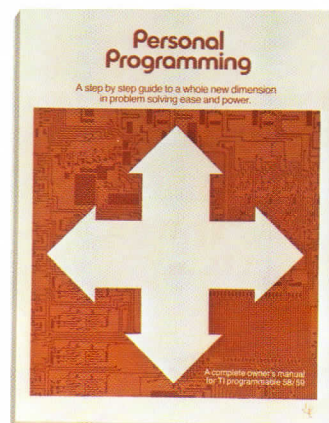
An extraordinary card programmable calculator with plug-in Solid State Software™ and magnetic card storage. For professionals in business, science, engineering.

Solid State Software™ libraries

Solid State Software, TI's state-of-the-art advance in micromemory technology, provides new programming versatil- ity and power. Drop in a tough, durable Solid State Software module in seconds and quickly access a program with a few keystrokes. The equivalent of a 25-card library (224-step cards) can be contained in one tiny plug-in module.

The Master Library provided with the TI Programmable 58 and TI Programmable 59 calculators provides an instant "tool kit" for math, statistics, finance, and other problems.

Optional Solid State Software library modules are available in:

☐ Applied Statistics
☐ Real Estate and Investment
☐ Aviation
☐ Marine Navigation
☐ Surveying

Each Solid State Software Library consists of one plug-in module, a comprehensive library manual, a handy pocket-size quick reference guide, and a convenient wallet carry case.

Use the preprogrammed library module by itself. Use the 5,000-step module as a base and call subroutines from your magnetic card or keyed-in program. Use your magnetic card or keyed-in program as a base and call subroutine from your 5,000 step library module. Perform chaining by calling subroutines both ways. And much more.

Accessories for the TI Programmable 58/59.

PC-100A

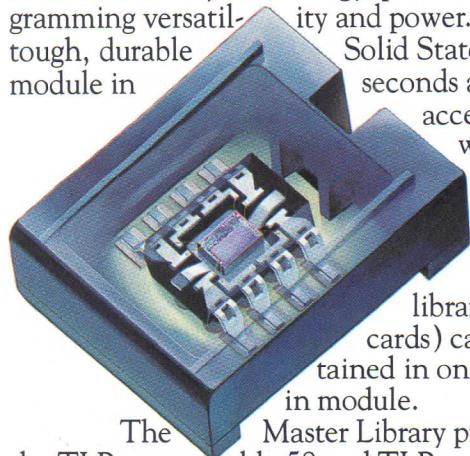The PC-100A printer, plotter turns your TI programmable calculator into a quiet, high-speed printing calculator that prints, lists, and traces your program. Just push the LIST key for a printout of the entire program. Push the TRACE key and every calculation that's performed in your

PC-100A Operating Characteristics *						
Calculator Model	Print	List	Trace	Alpha	Plot	Prompt
SR-52	●	●	●			
SR-56	●	●	●			
TI Programmable 58	●	●	●	●	●	●
TI Programmable 59	●	●	●	●	●	●
* The TI-58/59 will not operate on the older PC-100 printer.						

program is printed — the full number and the operation. The PC-100A is compatible with the SR-52, SR-56, TI Programmable 58, and TI Programmable 59 calculators.

With the TI Programmable 58 and 59, the PC-100A also provides alpha and plotting capabilities. Print capability consists of 64 characters with a maximum line length of 20 program characters. Print headings and data labels. Plot curves and histograms. You can even use the alpha capability to build prompting messages directly into your program.
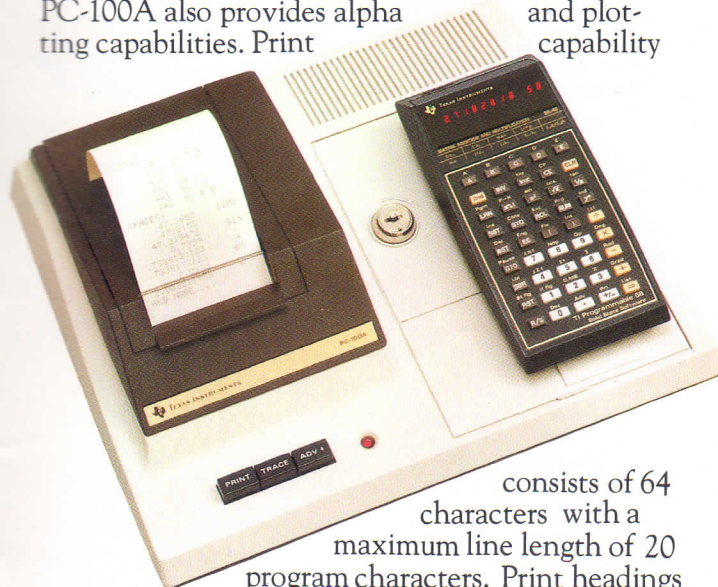
An accessory for the TI Programmable 58/59.

TI-5015

An attractive, economical desk-top calculator that prints a clear, legible tape. Quickly. Whisper-quiet.

Using standard business machine sequence, this lightweight compact calculator adds, subtracts, multiplies and divides. Handles multiplication and division of a constant, automatic percentages and credit balance.
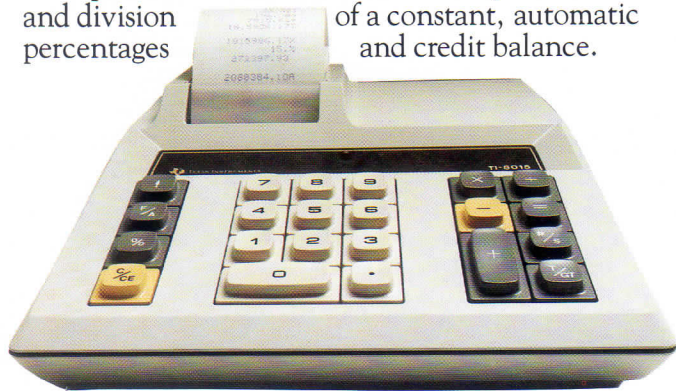
The independent add register allows you to perform multiplication and division without affecting previous add/subtract entries. Non-add key prints reference numbers without affecting calculations. Grand total register automatically accumulates totals from the add register.

Unlike old-fashioned mechanical printers, the TI-5015's ribbonless printer is as reliable as it is quiet. Print quality is consistently high. Power requirements are significantly lower than mechanical printing calculators — consumes about as much power as a night light. Operates from standard electrical outlet.

A printing calculator with independent add register . . . and grand total.

TI-5100

This versatile, quality calculator can increase calculating efficiency in the office or at home with silent effortless operation. Adds, subtracts, multiplies, divides and features a memory to store and recall numbers. Display shows M when a number is in memory. Overflow is indicated by an arrow at the left of the display. Subtotals may be added or subtracted from the memory.

A percent key makes it easy to calculate percentages, taxes and discounts. An item count key for simplified inventory and calculation of averages. Constant switch lets you select constant mode for multiplication or division by the same

number without reentering. Decimal selector switch positions decimal at full floating or presets at two places. Large 10-digit green vacuum fluorescent display (with comma) for easy readability. Operates directly from household voltage through detachable plug-in AC adapter.

An attractive, functional calculator that means business.

TI-5050M

Measuring only about four-by-nine inches, the TI-5050M is one of the most compact, portable printing calculators available.

At your desk or on the go, the TI-5050M helps get down to business anytime. Or, anywhere you need numbers on tape. Whisper-quiet, reliable, ribbonless printing gives you a permanent copy of your calculations wherever you are.

Independent add register simplifies extension and invoicing: multiplication and division can be accomplished without affecting add/subtract entries. A combination of memory and independent add register results in a powerful "dual memory" capability. The four-function "live" memory operates from one key.

Calculations requiring percentage add-ons or discounts are easily solved. Automatic constant for repetitive multiplication or division. The TI-5050M not only performs complex calculations but prints a clearly-marked permanent copy with audit trail.

Operates on rechargeable batteries. AC adapter/charger and carrying case included.

TI-5040

The TI-5040 combines the convenience of an easy-to-read fluorescent display for quick calculations with a printed tape for your records. For quick calculations use the large bright green 10-digit display, with commas and a floating decimal point. Or when a tape is needed, the whisper-quiet thermal printer delivers a crisp, clean copy of your calculations.

Special features to help solve business calculations or auditing problems include: A four-function memory. An independent add register to simplify extensions, cross-footing and invoices. An automatic constant. A percent key. The combination of memory and independent add register results in a powerful "dual memory" capability.

A rechargeable printing portable that works with you anywhere.

Offers the best of two worlds: An easy to read display. A printed tape.

Selection Guide
Texas Instruments electronic calculators

Calculating Characteristics: Professional

Function	TI MONEY MANAGER	BUSINESS ANALYST	MBA	TI-30	SR-40	SR-51-II	TI-57	TI-58	TI-59
Constant			•	•	•	•	•	•	•
Log			•	•	•	•	•	•	•
lnx	•	•	•	•	•	•	•	•	•
10^x				•	•	•	•	•	•
e^x	•	•	•	•	•	•	•	•	•
X^2	•	•	•	•	•	•	•	•	•
$\sqrt{x}$	•	•	•	•	•	•	•	•	•
$\sqrt[x]{y}$	•	•				•	•	•	•
y^x	•	•	•	•	•	•	•	•	•
1/x	•	•	•	•	•	•	•	•	•
x!							•	•*	•*
%	•	•	•	•	•	•	•*	•*	•*
Δ%	•	•	•	•	•	•	•*	•*	•*
π				•	•	•	•	•	•
Engineering notation							•	•	•
STO, RCL, SUM (to memory)	•	•	•	•	•	•	•	•	•
Int x (Integer part)							•	•	•
2nd Int (fractional part)							•	•	•
Trig: sin, cos, tan, and inverses			•		•	•	•	•	•
Hyperbolic: sinh, cosh, tanh, and inverses						•	•*	•*	•*
Deg/min/sec to decimal deg. conversion and inverses						•	•*	•*	•*
Deg. to Rad. conversion and inverse				•†	•†	•†	•	•	•
Polar to rectangular conversion and inverse						•	•	•	•
Mean, variance, and standard deviation			•			•	•*	•*	•*
Linear regression	•	•				•	•*	•*	•*
Trend line analysis	•	•				•	•*	•*	•*
Slope and intercept	•	•					•*	•*	•*
Automatic permutation							•*	•*	•*
Random number generator							•*	•*	•*
Conversions						7	•*	•*	•*
Metric conversion constants							•*	•*	•*
N, %i, Pmt, PV, FV	•	•	•				•*	•*	•*
Cost, selling price, margin	•	•	•				•*	•*	•*
Internal rate of return			•				•*	•*	•*
Variable cash flow-net present value			•				•*	•*	•*
Days between dates			•				•*	•*	•*
Accumulated interest			•				•*	•*	•*
Remaining Balance			•				•*	•*	•*

*Programmable functions   †Degree/Radian/Grad conversion and inverse

Calculating and Operating Characteristics: General Purpose Calculators

Function	TI-1000	TI-1025	TI-1050	TI-1680	DataClip™	TI-1750	TI-2550-III	TI-5050M	TI-5100	TI-5040	TI-5015
Digits displayed or printed	8	8	8	8	8	8	8	10 (print)	10	10 Both	10 (print)
Decimal select: floating	•	•	•	•	•	•	•	•	•		
Preset								2	2	2	0-9
Automatic constant	•	•	•	•	•	•	•	•		•	•
Memory			•	•	•	•	•	•	Select	•	
Independent add register								•		•	•
% Key	•	•	•	•	•	•	•	•	•	•	•
Add mode								•		•	•
Printing tape								•		•	•
Special keys	Change Sign	change sign	√x, REV change sign	RPL, BST, change sign	change sign	√x, change sign	1/x, √x x², Rev. change sign	paper advance, #/s	item count	paper advance, print, #/s	paper advance, grand total, #/s

Operating Characteristics: Professionals

Function	MM	BA	MBA	TI-30	SR-40	SR-51-II	TI-57	TI-58	TI-59	PC-100A
Digits displayed (mantissa + exponent)	8 (5+2)	8 (5+2)	10 (8+2)	8 (5+2)	8 (5+2)	10 (8+2)	10 (10-2)	10 (10-2)	10 (10+2)	10+2 Printed
Calculating digits	11	11	11	11	11	12	12	12	12	
Fixed decimal option						•	•	•	•	
Memories:	1	1	12	1	1	3	8	60	100	
Store and recall	•	•	•	•	•	•	•	•	•	
Clear memory			•			•			•	
Sum to memory	•	•	•	•	•	•	•	•	•	
Subtract from memory						•	•	•	•	
Multiply into memory			•			•		•	•	
Divide into memory						•		•	•	
Exchange display with memory	•	•	•	•	•	•		•	•	
Indirect memory addressing								•	•	
Exchange x with y			•					•	•	
Exchange x with t						•		•	•	
Parentheses levels	15	15	15	15	15	9	9	9	9	
Max. number of pending operations	4	4	4	4	4	5	4	8	8	
Constant mode			Select	Select	Select	Select				
Angular mode (deg/rad)				•†	•†	•†	•	•	•	
AOS				•			•	•	•	
Second function key	•	•	•			•	•	•	•	
Keys	40	40	40	40	40	40	45	45	45	3
Printing functions: print & paper advance								•	•	•
Program list										•
Trace										•
Compatible with PC-100A								•	•	

†Angular mode (deg/rad/grad)

Programming Capability: TI-57, TI-58, TI-59

Function	TI-57	TI-58	TI-59
Program steps	150	480	960
Merged prefixes	•	•	•
Program read/write on magnetic cards			•
User-defined keys		10	10
Possible labels	10	72	72
Absolute addressing		•	•
Indirect addressing		•	•
Subroutine levels	2	6	6
Program flags		10	10
Conditional branching instructions	6		
Unconditional branching	•		
Indirect branching			
Editing: Step	•	•	•
Back step	•	•	•
Insert	•	•	•
Delete	•	•	•
Single step execution	•	•	•
Pause		•	•

One-Year Limited Warranty

All Texas Instruments electronic calculators and digital watches carry a one-year limited warranty against defects in materials and workmanship.

Due to the difficulty of photographing calculator and watch readouts, displays represented in this brochure are simulated.

Texas Instruments reserves the right to make changes in materials and specifications without notice.

Physical Characteristics: General Purpose Calculators

	TI-1000	TI-1025	TI-1050	TI-1680	DataClip™	TI-1750	TI-2550-III	TI-5050-M	TI-5100	TI-5040	TI-5015
Weight	7 oz.	less than 6 oz.	less than 7 oz.	less than 4 oz.	less than 2.5 oz.	2.5 oz.	less than 6 oz.	28.0 oz.	less than 2 lbs.	3.25 lbs.	3 lbs.
Size	5.47× 2.83× 1.35	5.47× 2.83× 1.35	5.47× 2.83× 1.35	4.9× 2.7× 0.6	6.25× 1.15× 0.13	4.53× 2.68× 0.30	5.8× 3.2× 1.27	8.7× 3.9× 2.7	7.8× 7.6× 2.5	9.5× 9.3× 2.9	9.4× 7.2× 2.7
Battery Replaceable (not incl.)	•	•	•			•					
Rechargeable				•				•	•		
AC adapter	•*	•*	•*	•			•	•	•		
AC operation only									•	•	•

*Optional—not included

Physical Characteristics: Professional Calculators

	TI MONEY MANAGER	BUSINESS ANALYST	MBA	TI-30	SR-40	SR-51-II	TI-57	TI-58	TI-59	PC-100A
Weight	4.2 oz. (w/o battery)	6.3 oz.	less than 6.5 oz.	4.2 oz. (w/o battery)	less than 6.3 oz.	less than 6.5 oz.	less than 8 oz.	8.4 oz.	10.7 oz.	6 lbs.
Size	5.8× 3.2× 1.4	5.8× 3.2× 1.4	5.8× 3.2× 1.4	5.8× 3.2× 1.4	5.8× 3.2× 1.4	5.8× 3.2× 1.4	5.8× 3.2× 1.4	6.43× 3.24× 1.44	6.43× 3.24× 1.44	10.4× 11.6× 4.0
Batteries Replaceable (not incl.)	•			•						
Rechargeable	•*	•	•	•*	•	•	•	•	•	
AC adapter/charger	•*	•	•	•*	•	•	•	•	•	
AC operation only										•

*Optional—not included