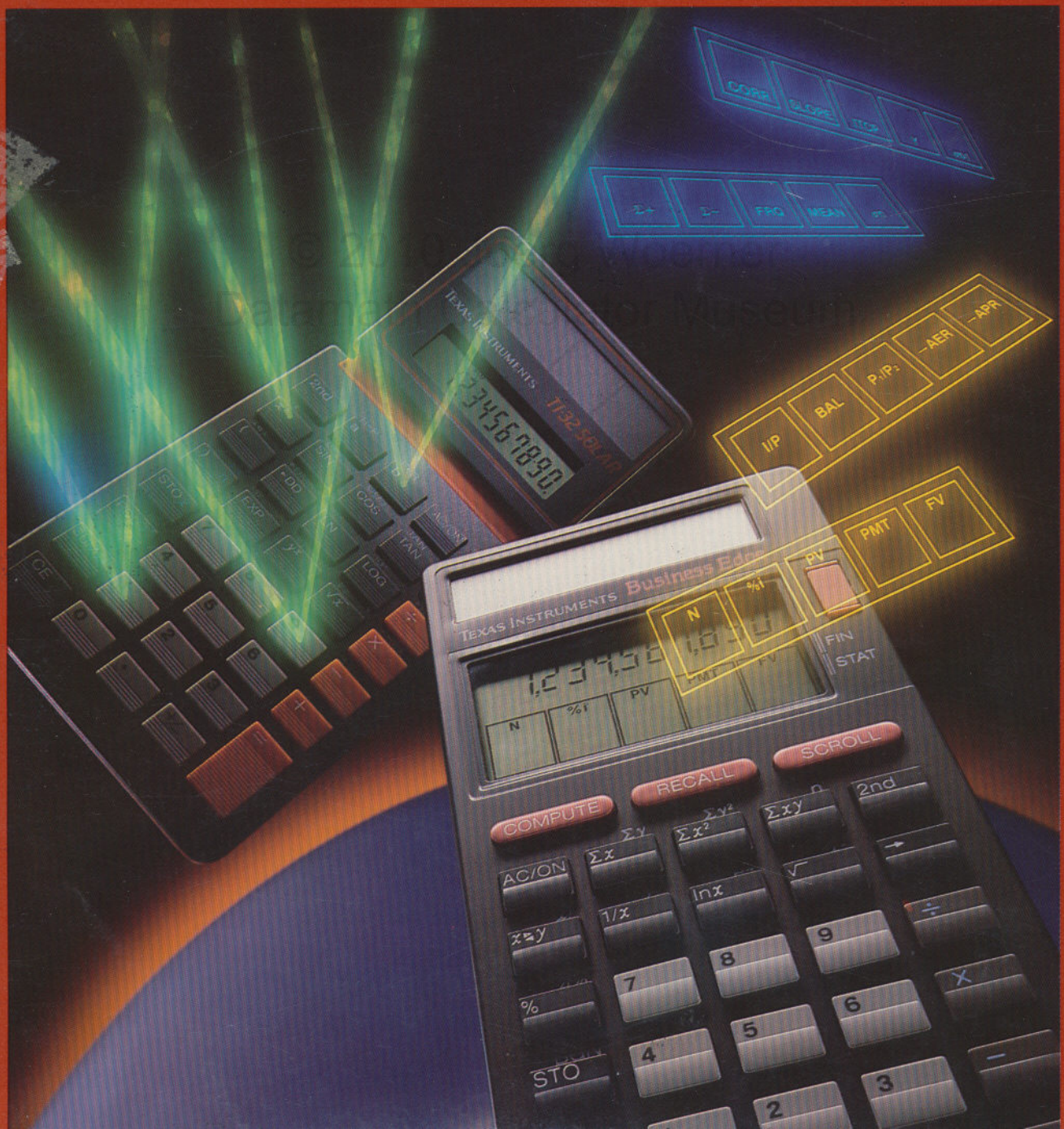


TEXAS INSTRUMENTS CALCULATORS 1988

You can count on us.



"You can count on Texas Instruments to address every user with innovative solutions."

Over the past months we've spent quite a bit of time finding out exactly what our various categories of users look for in the calculators they buy. And we've applied what we've learned from our research to the design of several innovative new models. They're surprisingly simple to use, with roomy keyboards, large easy-to-read displays and more durability than ever before.

Uncluttered keyboards help users work smarter and faster

According to our research, users prefer larger keys for more frequently used functions, instead of tiny, closely spaced keys. So on some new models, like the Business Edge, only the functions most appropriate for the moment are displayed. Four easy-to-use Power Touch™ panels contain 10 finance and 10 statistics functions that can be easily accessed by touching the screen. This allows fewer and larger keys on the keyboard. Our new TI Collegiate,™ the first scientific calculator designed for physics, math and science students, is separated into two hinged sections to provide more room for more functionality and easier operation. On the left are large keys with

frequently used functions. On the right are smaller keys for functions used less often; a sliding switch reveals either scientific or statistics functions, depending on need.

Larger displays mean a smaller chance of error.

Especially when it comes to longer calculations or situations with frequent interruptions. Users told us they'd like to see more than one entry displayed at a time so they could check accuracy without redoing the entire problem. That's why our new TI-5038 Paper-Free Printer™ desktop is such an essential. Very much like our Paperless Printer introduced last year, the TI-5038 shows the previous six entries in the extra-large display and stores up to 99 entries in all. This unique desktop calculator lets the user scroll backwards or forwards to review or correct any entry. And it automatically recalculates the total to reflect such changes.

We've also made a strong case for durability.

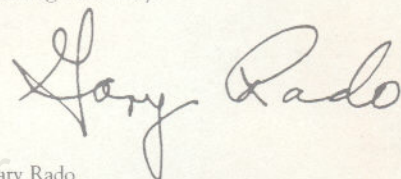
The on-the-go lifestyle of many of our users prompted them to request cal-

culators sturdy yet stylish enough to carry anywhere — purse, pocket, backpack, briefcase. The TI-32 Solar and the TI Business Edge are examples of the sleek new models with slide-on cases made of impact-resistant plastic. The TI Collegiate folds up to create its own case.

We have a line on what users really want.

You'll see the results of our user research throughout the entire Texas Instruments line of quality calculators specifically designed to address business, science, home, school and every situation in between. And you can expect to see more exciting products to come, tailored to the needs of the people who rely on them most.

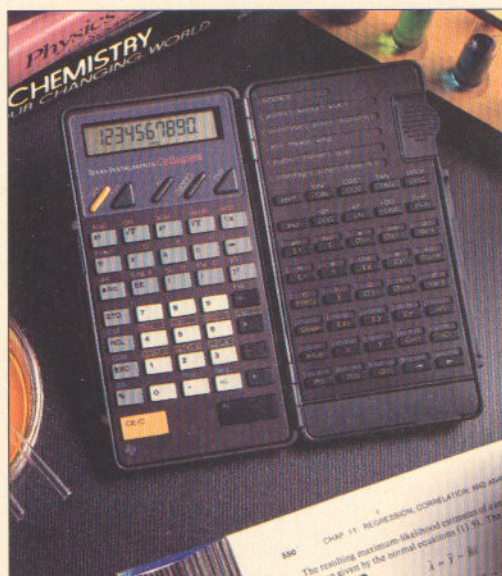
You can count on Texas Instruments ... to continue listening, learning and leading the way.



Gary Rado
Vice President, Manager
Consumer Products Division



Count on us to deliver new calculators
that deliver new customers.



The TI Collegiate.™

The first scientific calculator that has more answers for more courses.

Meet the Collegiate from Texas Instruments. The first scientific calculator that's especially designed for students in most intermediate and advanced science courses. The dual-action, two-sided keyboard is so simple to use you can't go wrong, whether you're in high school or college. The slide switch reveals only the science or statistical functions you currently need.

With 177 easy-to-understand functions, 5 memories and 15 built-in constants, the Collegiate is a natural for such classes as physics, math, chemistry, health sciences, social sciences, biology, beginning engineering and statistics. In fact, it performs two-variable statistics, like linear regression and hypothesis testing, up till now available only on programmable calculators.

The Collegiate also saves time with 30 English/metric conversions, hexadecimal/binary/octal number base conversions and the capability to add, subtract, multiply and divide, fractions as they are normally written. The compact Collegiate folds up to become its own case. A handy reference card and special guidebook are included.

The switch is on to the easy-to-use Collegiate. Simply the best all-around scientific calculator for high school or beyond...

The TI Business Edge.™

It puts you in touch with finance and statistics.

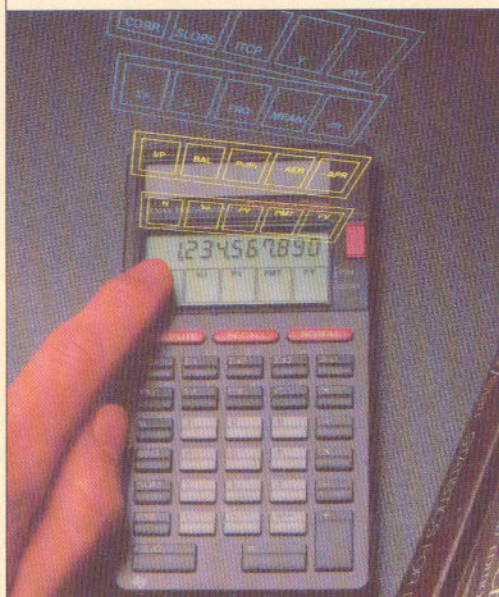
You don't have to be a financial wizard to figure out what a good investment the TI Business Edge is for finance and statistics courses. Its five unique Power Touch display keys speed you through 20 of today's most essential preprogrammed business functions.

Every touch-sensitive key operates in both finance and statistics modes. Just touch the screen to enter and store information. The Business Edge solves for such financial results as time value of money, ordinary annuities and annuities due, amortization, accumulated interest and principal between periods, and APR (Annual Percentage Rate) and EFF (Effective Percentage Rate) conversions.

Touch-panel statistics functions perform one and two-variable statistics, including linear regression equations with correlation, slope, intercept, and predicted Y functions, as well as standard deviation, mean and intermediate values.

There's even a dual-function keyboard, with large keys and useful built-in operations, including percent, factorials, square roots, and a BEGIN key for annuity-due problems. And should you need help, there's an easy-to-understand guidebook, plus a quick reference card that slips into the protective case.

Get your hands on the TI Business Edge. It'll put you in touch with the most useful finance and statistics functions around.



The TI-5038 Paper-Free Printer.™

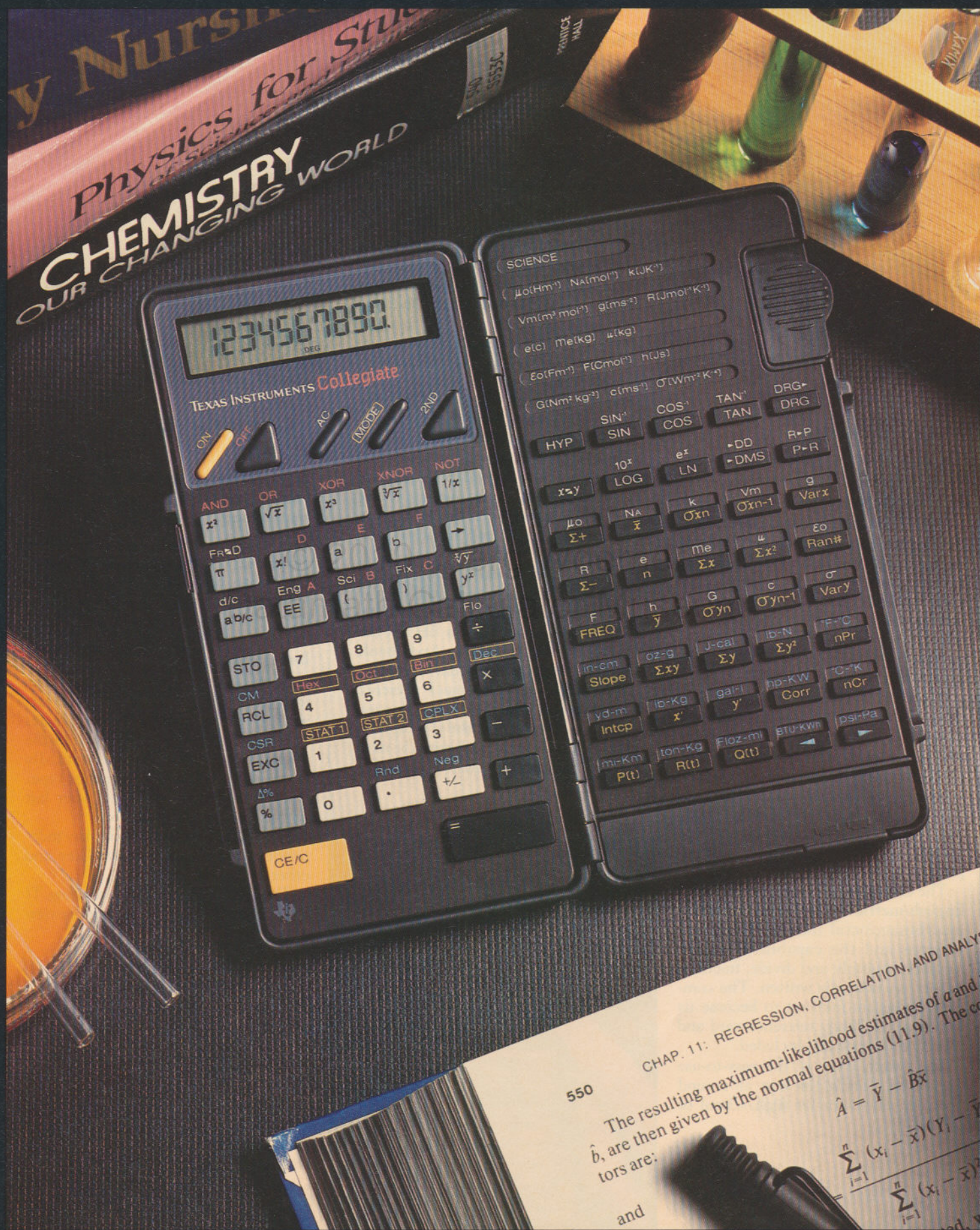
Store, review or change up to 99 entries... your total is automatically recalculated.

Ever wish you could instantly review or change entries on your calculator's paper tape, then recalculate the final result without repeating the whole calculation? No problem with the TI-5038 Paper-Free Printer™ from Texas Instruments.

Store up to 99 entries in the display memory... then scroll backward or forward to review up to six lines at a time. Made an error? Change it, right on the display. Your total is automatically recalculated. All without paper tape. Even when the power is off your last problem stays in the memory.

The TI-5038 also has a four-key independent memory, plus/minus key and other useful features.

The scrolling, storing, correcting TI Paper-Free Printer. Give it a good review today.



CHAP. 11: REGRESSION, CORRELATION, AND ANALYSIS

550

The resulting maximum-likelihood estimates of α and β , are then given by the normal equations (11.9). The coefficients are:

$$\hat{A} = \bar{Y} - \hat{B}\bar{x}$$

and

$$\hat{B} = \frac{\sum_{i=1}^n (x_i - \bar{x})(y_i - \bar{y})}{\sum_{i=1}^n (x_i - \bar{x})^2}$$



TI-95 PROCALC™

TI's top-of-the-line scientific programmable calculator.

The TI-95 PROCALC contains a full range of scientific, mathematical, and statistical functions for the student or professional. The TI-95 uses redefinable function keys to provide over 200 calculator functions without the keyboard clutter or the need to memorize and enter obscure keywords. The TI-95 system provides expansion capability so users can add memory, software and peripherals.

A new standard in programming power. The TI-95 PROCALC™ programs as easily as it calculates—without compromising power. Its straightforward keystroke language includes branching, subroutines, tests, flags, file operations, and alpha capability. Alphabetic mnemonics make easy editing.

Full program control of redefinable function keys and display windows lets you create your own unlimited set of functions.

A new standard in calculating power.

TI Algebraic Operating System (AOS™) with visual audit trail makes calculations as easy as writing them down. An unprecedented set of built-in scientific functions includes permutations, combinations, least common multiple, prime factors, random number generations, metric conversions, hyperbolic trigs, and cubic and quadratic equation evaluation. Calculations can be made in decimal, hexadecimal, or octal number bases.

A new standard in memory power.

The TI-95 has a convenient memory file storage system to store programs and data by name. You can partition the 8K bytes of internal random access memory to suit your needs. Maximums: 900 data registers. Or 7200 program steps. Or 6200 bytes of memory file space to store custom programs and data.

High-tech styling heightens user comfort.

A typewriter-style elastomeric keyboard lets you "feel" each keystroke and helps prevent missed or double entries.

The TI-95 comes with a comprehensive user's guide, a programming guide, and a sturdy hard-plastic carry case.

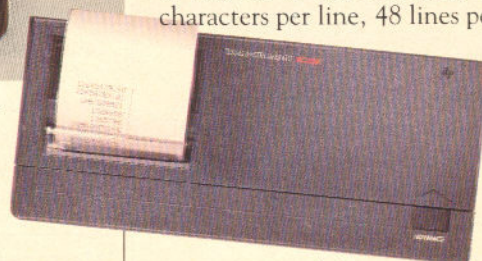
A wide variety of optional accessories lets you increase its convenience, its power, and its value.

CI-7 Cassette Interface Cable

Lets you use a standard audio cassette tape recorder as an economical information storage system. Programs and data can be stored on cassette tape for later retrieval and use.

PC-324 Printer

Provides a method of printing programs or results of calculations. Prints 24 characters per line, 48 lines per minute.



It is powered by batteries or an optional AC adapter. Either the batteries or the AC adapter supply power the TI-95.

8K RAM Constant Memory™ cartridge

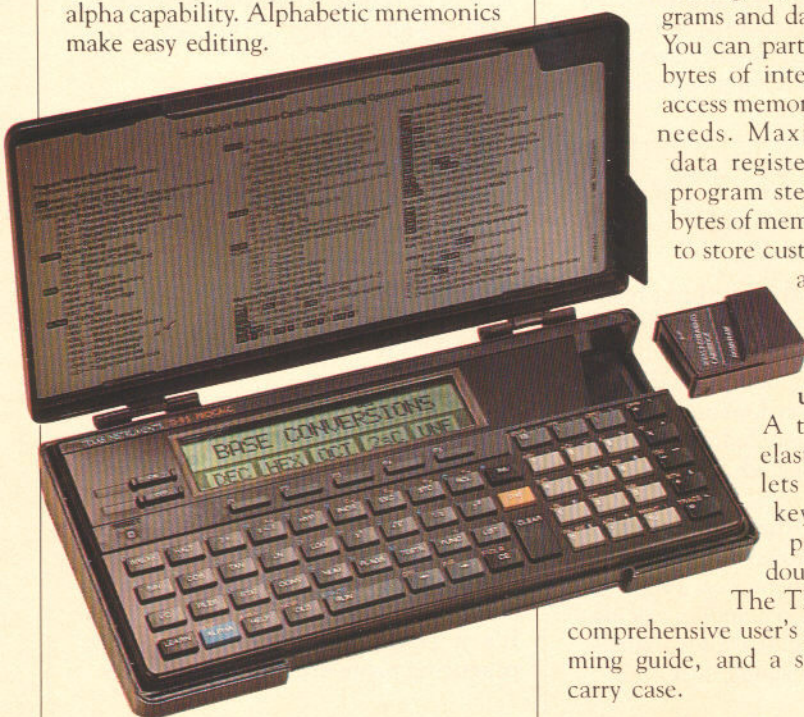
For fast, removable file storage, execute program files directly from the calculator's file space or RAM cartridges.

Solid State Software Cartridges

Mathematics. Contains 26 programs for the ultimate in advanced math problem solving. With the math cartridge you can solve systems of linear and non-linear equations, find roots of any function, perform computations with complex numbers, do matrix math and more.

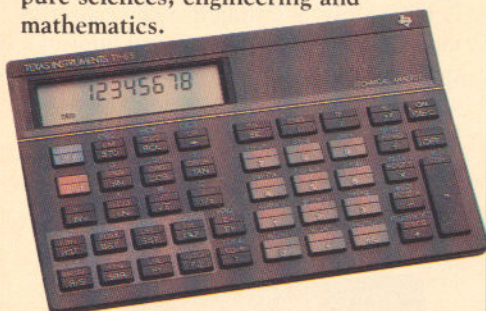
Statistics. Contains 27 programs which provide a range of basic and advanced statistical computations. The programs allow input of a data set for computations of means and moments, histogram generation and comparison to 6 theoretical distributions, one-way and two-way analysis of variance, multiple regression, and t-tests.

Chemical Engineering. Contains 19 useful programs for students and professionals. Programs range from estimating the physical properties of a compound to the design of equipment.



TI-65 TECHNICAL ANALYST™

A keystroke-programmable essential for students and professionals in the pure sciences, engineering and mathematics.



For those who spend a substantial amount of time performing advanced calculations in chemistry, physics, engineering and mathematics, the TI-65

Technical Analyst is one powerful tool to have on hand. With 148 functions, up to 100 keystroke-programmable steps and 16 interchangeable user memories, it's just as efficient in the laboratory or office as in the classroom.

Built-in features include computer conversions, integration using Simpson's Rule for definite integrals, 16 English/metric conversions, 8 commonly used physical constants for physics and chemistry, and a stopwatch/timer for step-by-step accuracy in experiments. Keystroke capabilities include looping/branching, subroutine calls and decision making.

Count on the TI-65 for scientific functions most critical to your work... and then some. Common and natural logarithms, reciprocals, polar/rectangular conversions, universal powers and

roots, factorials, and trigonometric calculations, including inverses in degrees, radians, or grads. Solve problems in octal, decimal or hexadecimal number bases.

The Technical Analyst makes 2-variable statistical calculations much easier, including linear regression and trend line analysis.

A color-coded keyboard, 10-digit plus 2-exponent LCD display, Constant Memory™, Quick Reference material, and applications-oriented guidebook with handy step-by-step examples add to your possibilities.

Work faster and smarter with the TI-65 Technical Analyst. The powerful edge you need for the pure sciences, engineering and mathematics.

TI Collegiate™



The first scientific calculator especially designed for physics, math, chemistry, health sciences, social sciences and biology.

Meet the Collegiate. The one calculator that has just the right functions for most courses in physics, biology, chemistry, social sciences, health sciences, math and other sciences. The Collegiate's simple layout includes a dual-action sliding keyboard that makes all 177 functions simple to grasp. A sliding switch reveals only the science or statistics functions that are appropriate to your needs.

The Collegiate is the first calculator with all these built-in features: 5 memories; 1 and 2-variable statistics capabilities, including linear regression and probability; 15 built-in constants; 30 English/metric conversions; hexadecimal, binary and octal number base conversions, and complex number calculations

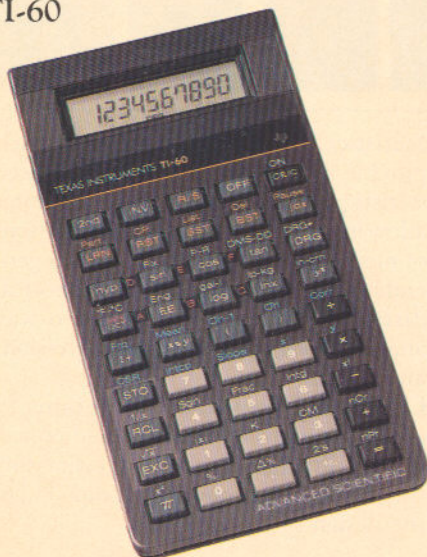
for math, science and engineering. You can even add, subtract, multiply and divide fractions as you would write them.

Of course, the Collegiate has all the basic scientific functions like common and natural logarithms, hyperbolics, polar/rectangular conversions and trigonometric calculations including inverses in degrees, radians or grads.

A step-by-step guidebook and quick reference card speed you through. And the Collegiate folds up to become its own protective case.

No other calculator handles all the sciences with as much ease as the Collegiate. It'll help you make the grade in high school, college... and beyond.

TI-60



10-digit 2-exponent LCD advanced scientific with programming, statistics and computer conversions.

Common and natural logarithms, reciprocals, universal powers, roots, factorials, combinations and permutations, hyperbolics, polar/rectangular conversions. Metric/English conversions and trigonometric calculations, including inverses, in degrees, radians or grads. 124 powerful functions.

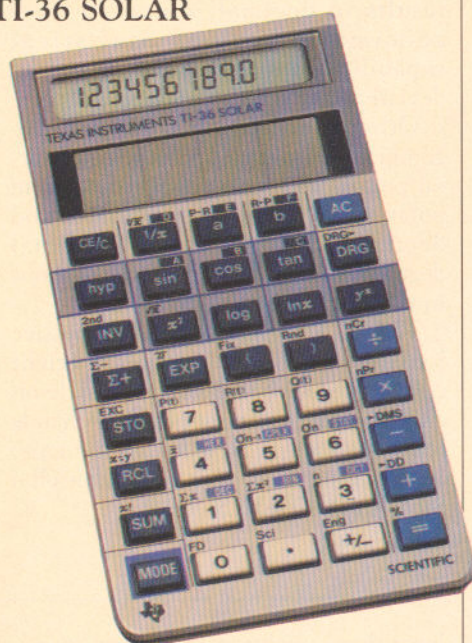
You'll appreciate the easy keystroke programmability. Provides 84 program steps with 12 user memories. Programming allows you to do complex calculations such as projectiles for variables, makes integration a simple task, too.

Mean and standard deviation, calculations for linear regression and trend line analysis are just a few of the many statistical functions available. Display the results in floating decimal, scientific or engineering notation. The 10-digit/2-exponent LCD display shows 13 mode or status indicators.

You can also enter numbers and perform calculations in octal, decimal or hexadecimal number bases. Or convert numbers from one base to another and perform mixed calculations.

A guidebook includes step-by-step examples and the quick reference material summarizes most-used functions. It's a powerful performer for both practicing professionals and students.

TI-36 SOLAR



Scientific calculator for high school and college students.

Designed specially for use by high school and college students, the TI-36 SOLAR performs 89 functions.

Power by ANYLITE™ technology solar cells, the calculator operates in extremely low incandescent light levels—natural or artificial.

The TI-36 SOLAR performs common and natural logarithms, reciprocals, universal powers and roots, factorials, permutations and combinations, hyperbolics, complex numbers, polar/rectangular coordinate conversions and trigonometric calculations (including inverses) in degrees, radians or grads.

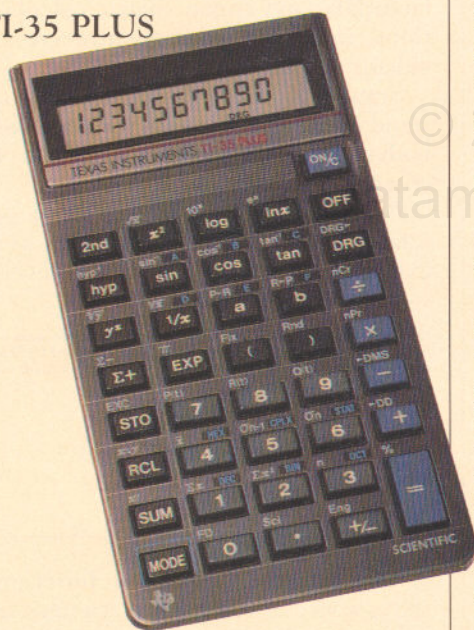
Statistical functions include mean and standard deviation, and normal distribution.

Results can be displayed in floating decimal, scientific notation, or engineering notation. The 10-digit/2-exponent display shows 13 mode or status indicators.

You can enter numbers and perform calculations in binary, octal, decimal, or hexadecimal number bases. And you can convert numbers from one base to another. Ideal for math and computer science studies.

A comprehensive guidebook and wallet are included.

TI-35 PLUS



Scientific calculator for high school and college students.

The TI-35 PLUS performs advanced operations that are useful in mathematics and science at the high school and college level—and on into a career.

AOS™ operating system makes it easy to use. Problems are entered in a simple, straightforward format.

The TI-35 PLUS performs common and natural logarithms, reciprocals, universal powers and roots, factorials, permutations and combinations, hyperbolics, complex numbers, polar/rectangular coordinate conversions and trigonometric calculations (including inverses) in degrees, radians or grads.

Statistical functions include mean, standard deviation, and normal distribution.

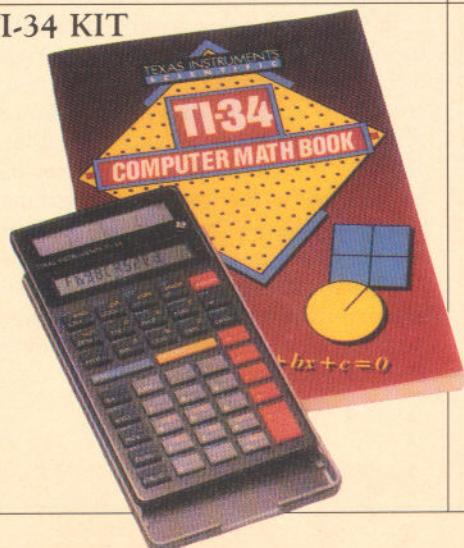
Probability calculations may be made involving areas under the standard normal curve.

Results can be shown in floating decimal scientific notation, or in engineering notation on the 10-digit/2-exponent display.

You can convert numbers and perform calculations in binary, octal, decimal, or hexadecimal number bases.

A comprehensive guidebook includes step-by-step examples.

TI-34 KIT



A powerful combination that anticipates a student's involvement with computers—with a calculator that's like a computer programmer's and a book that is a basic, solid place to start.

Three basic number systems used in computer science: hexadecimal, octal, binary, and six computer math logic operations provide a strong foundation on which to build.

Combine this with TI-34 Computer Math Book that attractively presents activities involving logic and game the-

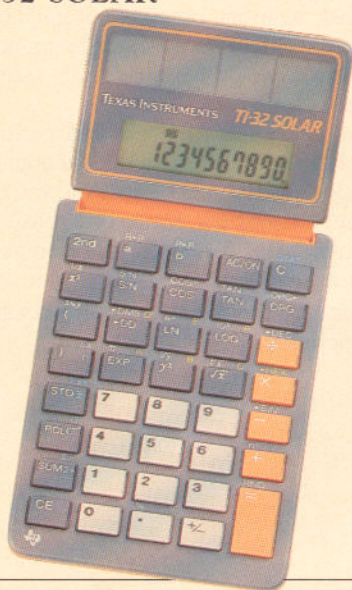
ory. The result: a system that could well launch a career in computer science.

Specially color coded keys organize common keys from the special keys.

All the standard scientific calculator functions remain—with some extras: it computes fractions, and can handle one-variable statistics.

Uses ANYLITE™ solar cells that operate when light levels are low. A tough, hard shell carry case protects the TI-34 when you're on the go, and the quick reference card in the case provides on-the-spot help when needed.

TI-32 SOLAR



Its unique flexible neck display makes decimal, binary or hexadecimal math and science solutions even easier to see.

As a general math calculator, the TI-32 SOLAR will never let you down on assignments, on tests, or on the job. Not only does it have 72 useful functions and dependable ANYLITE™ SOLAR power — it has a flexible neck display that tilts to the viewing angle that's most comfortable for you. Through research with students across the country, we've found they prefer a calculator that adjusts for better readability, especially under the glare of classroom lights.

In fact, the 10-digit TI-32 SOLAR always rises to the occasion. Built-in computer base conversions display

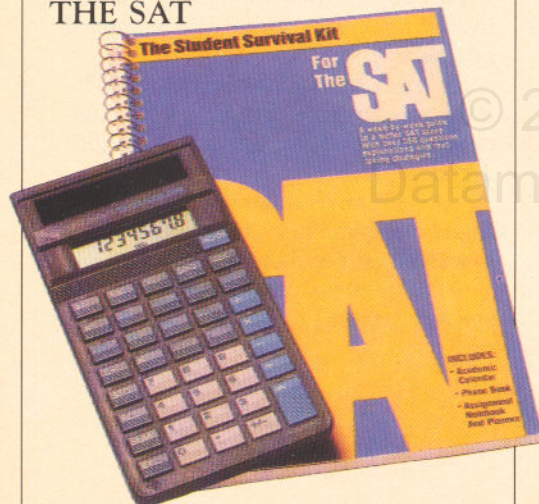
results in decimal, binary or hexadecimal notation. Statistical capabilities include mean, standard deviation and sum of entered data.

Other scientific functions include common and natural logarithms, universal powers and roots, conversions from polar to rectangular coordinates and degree-minute-seconds to decimal degrees, and trigonometric calculations in degrees, radians or grads.

The TI-32 SOLAR is also impressive looking, with sleek styling, a bright color-coded keyboard and a trim slide-on case of impact-resistant plastic. A handy reference card is included in the case.

At school or at work, give yourself a lift with the TI-32 SOLAR.

TI-31 STUDENT SURVIVAL KIT FOR THE SAT



A scientific calculator and study guide book to help students prepare for the Scholastic Aptitude Test.*

The TI-31 Student Survival Kit for the SAT is designed to provide steady practice for a full year to help students get the knowledge, test-taking skills and confidence they need to meet the challenge of the Scholastic Aptitude Test.

There are more than 150 typical SAT questions in the Study Guide book, representing two sections of the test — mathematical and verbal. Test-taking tips and strategies are on almost every page and there's a weekly planning calendar.

The TI-31 SOLAR performs common and natural logarithms and anti-

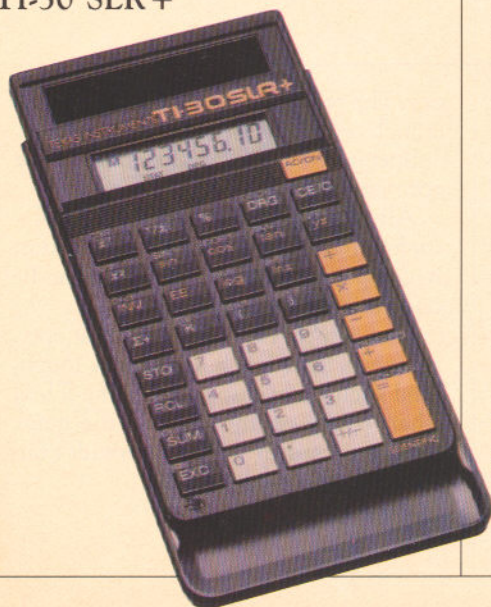
logarithms, reciprocals, powers, roots, factorials, and trigonometric calculations, including inverses, in degrees, radians or grads.

Statistical functions include mean, standard deviation, and variance for both sample and population data; sum of entered data, and sum of squares.

Powered by ANYLITE™ technology solar cells, the TI-31 SOLAR operates in extremely low incandescent light levels — natural or artificial.

*SAT and Scholastic Aptitude Test are registered trademarks of the College Entrance Examination Board. Book prepared by Blue Cliff Editions, Inc., which bears sole responsibility for its contents.

TI-30 SLR +



The solar alternative to the TI-30 STAT and more: One-variable statistics with intermediate values.

A very affordable eight digit, LCD scientific calculator designed with the student in mind.

Keys are bigger so it's easier to use. And color coded for easy visual separation: Yellow for the basic math operations, gray for the numeric functions.

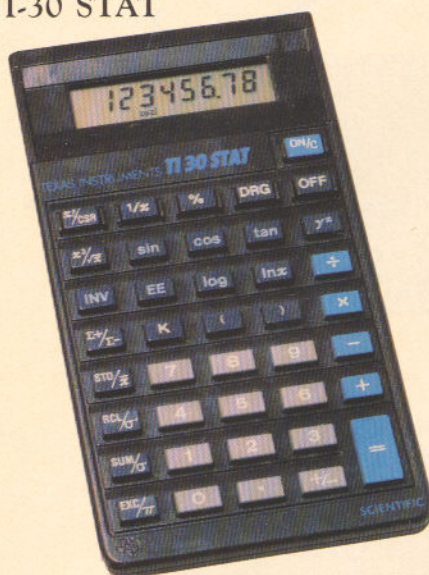
Turn the calculator over, slide it into its case, snap it shut. Now you have a neat little impact resistant unit that slips into pocket or bag. The quick reference card in the case provides an on-the-spot summary of key sequences and functions.

The intermediate value function shows work as it's done a step at a time, so you can see how you got the answer.

Provides valuable conversion capability especially useful in geometry: polar to rectangular coordinates, degree, minute, second to decimal degrees and more. Also performs common and natural logarithms, antilogarithms, reciprocals, powers, roots, factorials and trig functions, including inverses in degrees, radians or grads.

Statistical capability handles mean and standard deviation for both sample and population data. Also, sum of entered data and sum of squares.

TI-30 STAT



Scientific calculator for junior and senior high school students.

The TI-30 STAT performs 54 of the most used scientific and statistical functions and is designed for use by junior and senior high school students.

It's simple and easy to use because the AOS™ operating system lets you enter problems from left to right, just as they are normally stated.

The TI-30 STAT performs common and natural logarithms and antilogarithms, reciprocals, powers, roots, factorials, and trigonometric calculations, including inverses, in degrees, radians or grads.

Statistical functions include mean and standard deviation for both sample and population data.

Constant Memory™ feature retains a number in the memory even when the calculator is switched off.

Numbers can be entered and results displayed in either floating decimal or scientific notation (for very large or very small numbers). The LCD display shows 8 digits or 5 digits and a 2-digit exponent.

APD™ feature automatically “powers down” the calculator if no key is pressed for 15 to 35 minutes.

The quick reference card in the case provides an on-the-spot summary of key sequences and functions.

TI-74 BASICALC™

A BASIC language programmable calculator that features advanced scientific functionality.

The TI-74 BASICALC™ calculator gives you more problem-solving power than any other calculator at a comparable price.

It's programmable in the popular, easy-to-use BASIC programming language and also features the functionality of an advanced scientific. A potent and accommodating combination.

(continued on next page)



It's user-friendly because you program it in simple, straightforward BASIC language, and the AOS™ algebraic operating system lets you enter problems just as they are normally written, left to right.

The TI-74's capacity is considerable: 8K bytes of built-in RAM, and another 8K available in an optional plug-in cartridge. Both have Constant Memory™, a feature that retains your data even when the calculator is switched off.

The display shows up to 31 large alphanumeric characters (scrolls left or right to 80) and 14 status indicators.

The TI-74 BASICALC comes with a 109-page user's guide and a 215-page BASIC programming reference guide.

Optional Accessories

PC-324 Printer

This 24-column thermal printer enables the TI-74 to print program listings, data, problems, and the results of calculations. It can be powered by batteries or an optional AC adapter. Either the batteries or the AC adapter supply power to the TI-74.

TI-74 Learn BASIC Guidebook

If you want to learn BASIC programming, this lesson-oriented book written specifically for the TI-74 is for you.

CI-7 Cassette Interface Cable

Enables the TI-74 to use a standard audio cassette recorder as an economical information storage device.

8K RAM Cartridge

A cartridge that can be used two ways: to expand the memory capacity of the calculator or to serve as a removable unit for storing a BASIC program and its associated data.

Solid State

Software™ Cartridges

Learn Pascal. Enables the TI-74 to be programmed in Pascal. A User's Guide gives a thorough introduction to Pascal while a Reference Guide clearly describes this full-featured language.

Mathematics. This software cartridge contains 14 programs for advanced math problem solving. With the math cartridge you can find roots or minima of any function,



solve systems

of linear equations, perform computations with complex numbers, do matrix math and more.

Statistics. Contains 14 programs which provide a range of basic and advanced statistical computations. These programs allow input of a data set for computations of means and moments, histogram generation and comparison to 4 theoretical distributions, one-way and two-way analysis of variance, t-tests and more.

Finance. A full selection of financial computations including time-value-of-money for loans

and investments, cash flow analysis for computations where payments vary, true cost of insur-

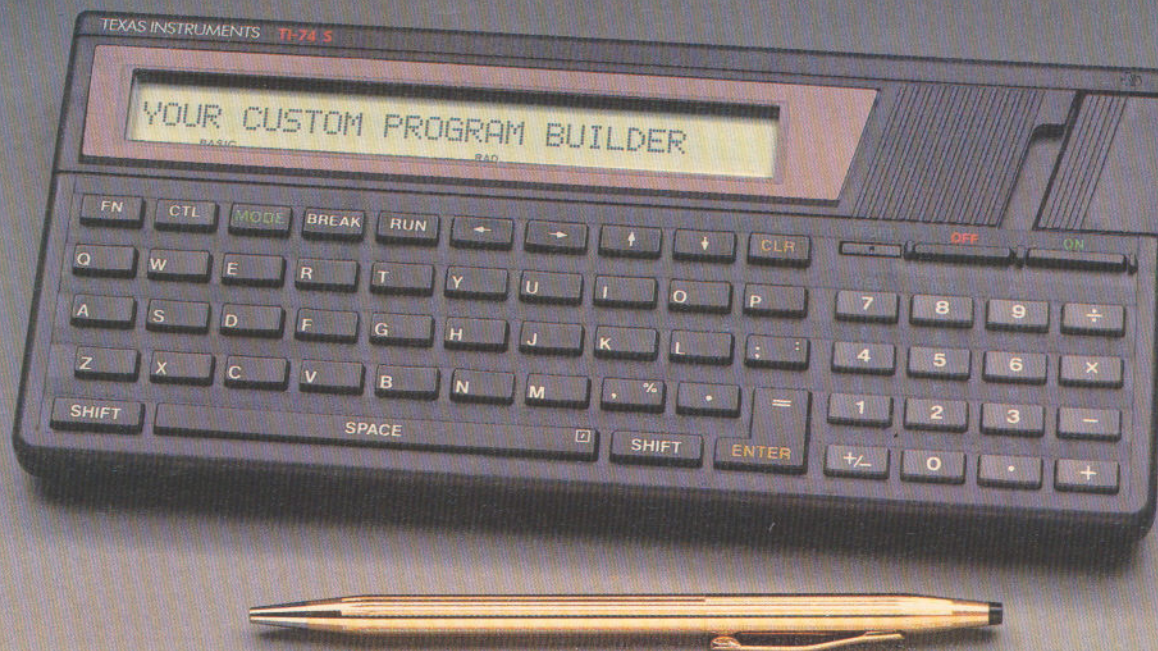


ance, and rent versus buy decisions.

Chemical Engineering. Contains 19 useful programs for students and professionals. Some applications are: pipe analysis for liquid flow, thermodynamics computations, heat exchanger and distillations design, and absorber analysis.



Now Texas Instruments can develop modules that work with handheld computer systems to fit your specific applications.



Instant time and cost savings for any type of business.

Texas Instruments can integrate formulas, estimating procedures, flow charts, books, reference tables and other frequently-used or lengthy data into one handheld computer tailored to fit the very specific needs of your business. A preprogrammed customized module plugs into TI's powerful handheld computer. Whether in the field, plant, lab, or office, you get instant answers at the touch of a button. In turn, you'll increase productivity, efficiency and cost savings. You can also connect a printer for fast hard copies of results.

■ Business applications are virtually limitless.

Customized modules — working with TI handheld computer systems — are currently delivering unprecedented productivity and savings to businesses in such diverse fields as accounting, medicine, chemical and mechanical engineering, insurance, sales, manufacturing, finance, construction and real estate.

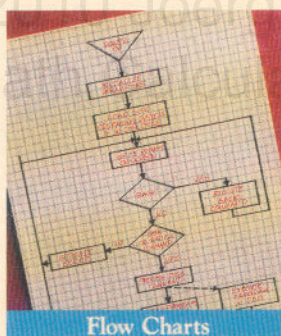
■ No more scratch pads, guesswork or unproductive time.

The cost-efficient TI handheld computer can eliminate running back to the office for cost estimates... spending valuable time crunching numbers in front of clients... and recalculating the entire problem for "what if" situations.

■ Critical time savings.

By carrying a handheld computer with

Texas Instruments will program vital information into a single module, customized to your unique applications. Enter such data as...



Flow Charts

Formulas

Reference Tables



a module preprogrammed with special formulas for blood gas analysis, anesthesiologists at one hospital were able to interpret results instantly and inform surgeons of the patient's condition, saving valuable seconds.

■ Cost reductions and productivity improvement.

A plumbing contractor was able to save \$1200 with each building he constructed by reducing the number of pipe fittings needed.

■ Man-hours cut dramatically.

By reducing calibration time 75%, a

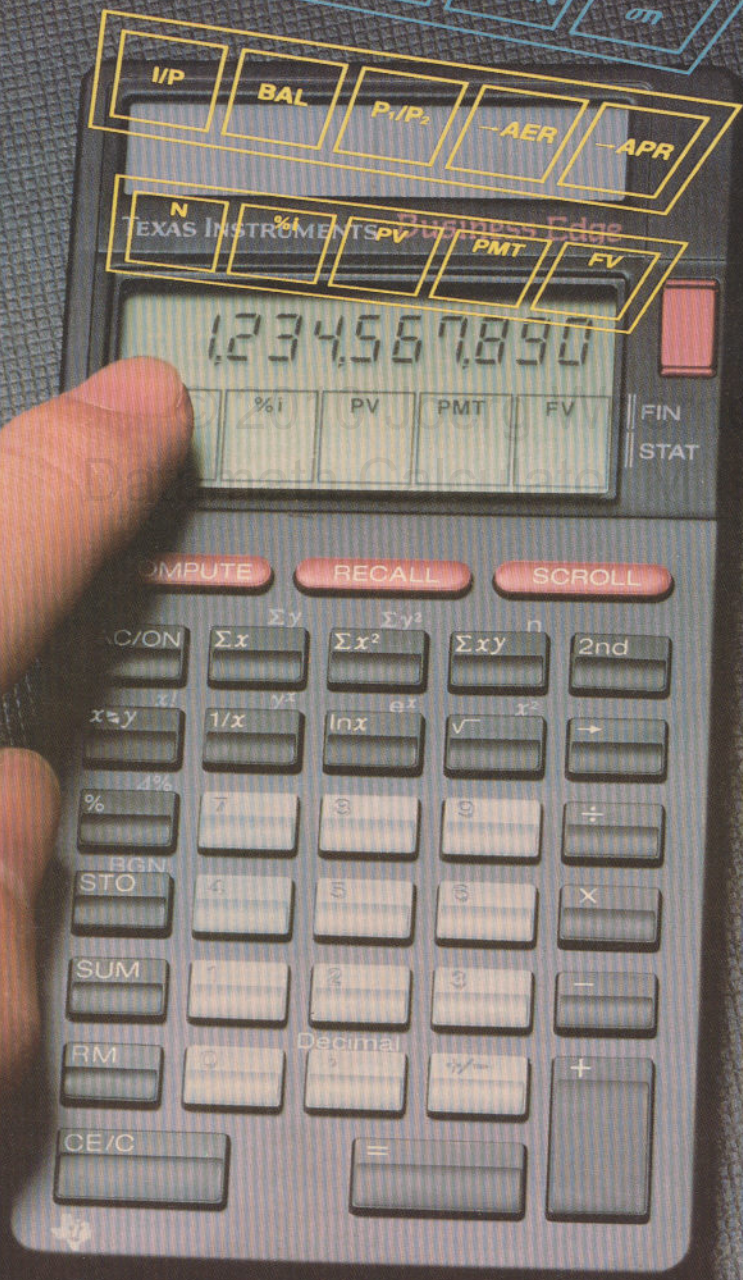
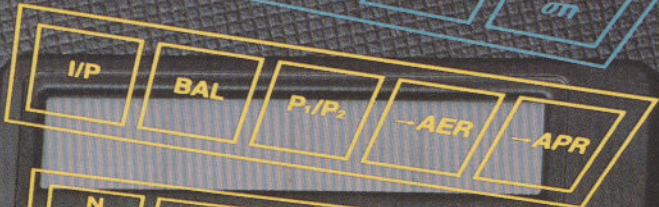
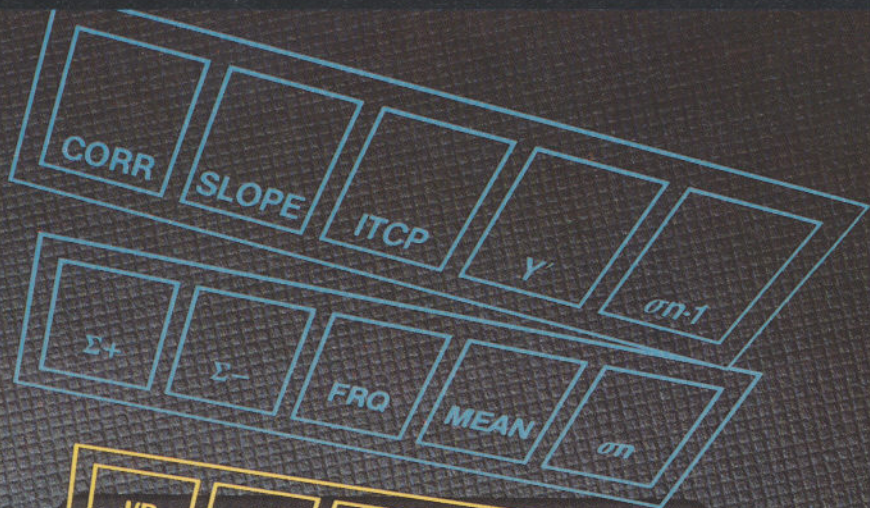
chemical company was able to realize a savings of 1,056 man-hours per field technician.

■ Improved accuracy.

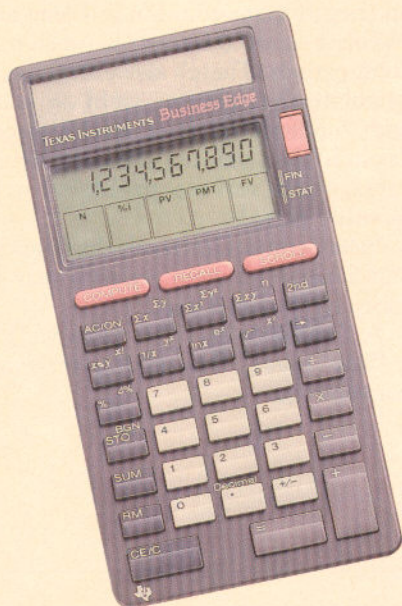
A group of ophthalmic surgeons was able to decrease the incidence of pre-operative measurement errors.

No system has ever been more compact, cost-effective or comprehensive.

To find out how Texas Instruments can make your business more productive, contact your nearest TI Field Sales Office.



TI BUSINESS EDGE™



Dual-mode Power Touch™ panels make it easier than ever for students and professionals to master finance and statistics.

We've put our finger on a much faster, simpler way to do business. Introducing the Business Edge. Its five unique Power Touch™ display keys are preprogrammed with 20 essential financial and statistical functions.

Each touch-sensitive key can be operated in two different modes: Finance or Statistics. Each mode has two panels, with five very useful functions on each panel. Just touch the screen to enter and store information, or compute results.

Preprogrammed financial operations help you solve for time value of money, ordinary annuities and annuities due, amortization, accumulated interest and principal between periods, and APR (annual percentage rate)/EFF (effective percentage rate) conversions.

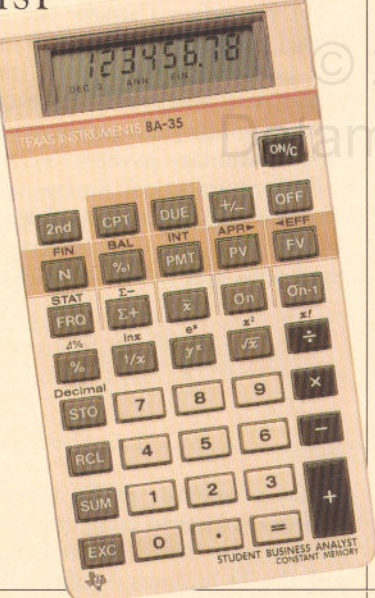
Touch-panel statistical functions allow you to perform one and two-variable statistics, including linear regression equations with correlation, slope and intercept functions. Plus, predicted Y values, standard deviation and intermediate values.

The dual-function keyboard gives you an extra edge, with built-in functions that include factorials, percent and backspace key. You'll never need batteries, either. ANYLITE™ solar technology lets you see clearly, even in very low light.

The Business Edge comes with a step-by-step guidebook, as well as a quick reference card that fits conveniently in the sturdy sliding plastic case.

In class and beyond, the Business Edge is your best bet for fast, easy financial and statistical problem-solving.

TI STUDENT BUSINESS ANALYST™ BA-35



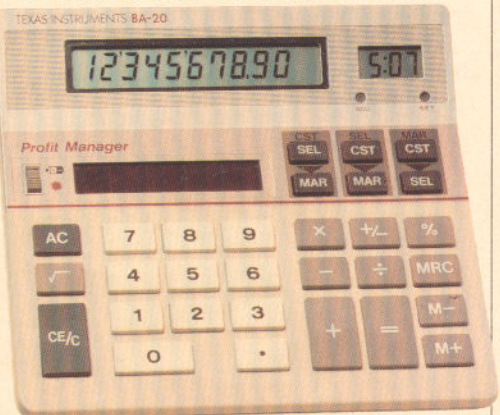
A calculator system designed to help students with their business courses.

The TI Student Business Analyst™ is designed specifically for the undergraduate business student. The calculator, together with its special guidebook make a powerful combination that can help students expand their knowledge in finance, statistics and accounting.

Step-by-step problems in easy-to-understand language show you how to get the most out of your calculator and your classes. The book briefly explains the concept in question, gives a sample problem, and shows how it is solved with the TI Student Business Analyst™.

The easy-to-use calculator has such important preprogrammed functions as: time-value-of-money calculations, amortization balance and interest problems, interest rate conversions, statistical mean and standard deviation as well as everyday math.

BA-20 PROFIT MANAGER™

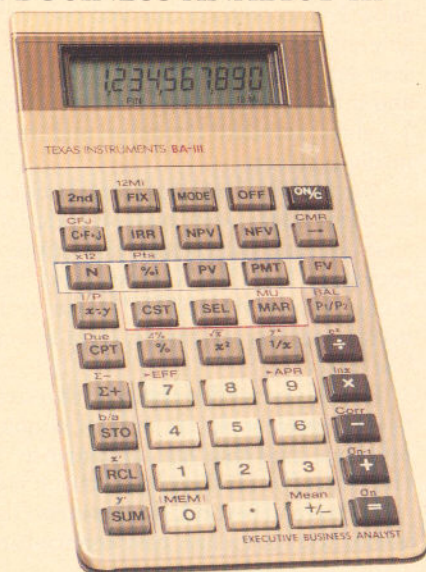


Portable desktop business calculator with Cost-Sell-Margin functions, clock, and solar/battery power switch.

Texas Instruments announces the end of profit wheels, charts, slide rules and all those tools that can slow down salespeople and buyers on tight schedules. The BA-20 Profit Manager is quite possibly the fastest, most convenient calculator ever offered for computing cost, selling price and margin. Developed especially for salespeople and buyers it speeds through problems with remarkable accuracy.

The Texas Instruments BA-20 Profit Manager is simply the best calculator for salespeople and buyers available at any price. So handy and compact on desktops or in briefcases, its preprogrammed cost-sell-margin functions save time, errors and keystrokes. Switch from solar power to battery backup at low light levels. Add a digital clock and other built-in business features and no matter what you buy or sell, you'll work faster and save more time.

TI BUSINESS ANALYST III™



A 10-digit financial and statistical calculator for the business professional.

The TI Business Analyst III offers a powerful, 10-digit calculating system for the business professional.

Preprogrammed formulas for financial, cash flow and statistical problems let you handle these computations with a few easy keystrokes.

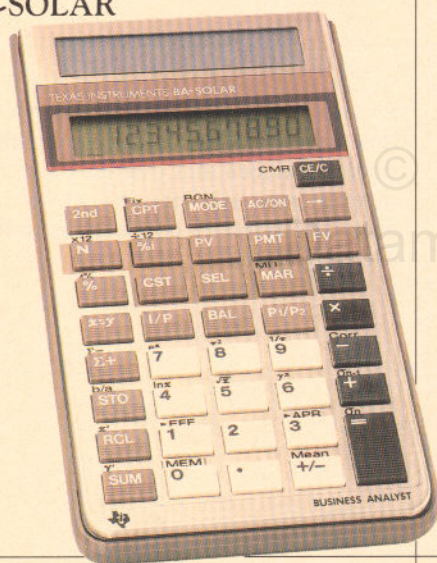
Computes variable mortgages, time-value-of-money problems, annuities, amortizations, net present value and internal rate of return with five variable cash flows, APR/EFF interest rate conversions, statistical mean, standard deviation, linear regression, and more.

You can easily solve balloon payments and negative amortization problems and calculate summed interest between payment periods. There's also a function to calculate the effective yield on loans with "up-front" charges. And a special "switch" lets you use annual interest rates when solving problems with monthly periods.

Values entered into both the financial and Cost-Sell-Margin registers may be easily recalled and checked.

A "multiply-by-12" key as well as a "backspace" key add even more convenience.

BA-SOLAR



A financial calculator powered by ANYLITE™ solar cells.

The BA-SOLAR calculator has the functions you need to help you manage your financial affairs... and a permanent power source that works almost anywhere.

ANYLITE™ technology solar cells let the BA-SOLAR operate in extremely low incandescent light levels — natural or artificial.

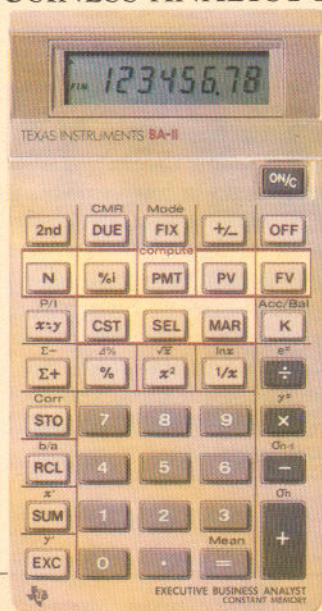
Now it's easier than ever to shed new light on alternatives in lease/buy options, loan amortizations, real estate mortgages, cost-sell-margin decisions,

markup percentages, and much more. The BA-SOLAR has the preprogrammed financial formulas to cut down keystrokes and get you to the facts. Fast.

For example, a single key converts annual percentage rates (APR) to effective percentage rates (EFF) and vice versa. And you can change instantly between annuity-due payment mode and ordinary annuity payment mode.

Built-in statistical functions let you compute mean, standard deviation for sample and population data, linear regressions and trend line analysis.

TI BUSINESS ANALYST II™



A unique "systems" approach to financial decision-making.

Imagine being able to analyze your alternatives in lease/buy options, loan amortizations or sales and earning forecasts—all in a matter of minutes.

Our TI Business Analyst II™ has the built-in functions you need to help you manage your business or personal financial affairs with ease and accuracy. It computes a wide range of time-value-of-

money problems, profit margins and complex statistical computations at the touch of a few keys. The book that comes with the TI Business Analyst II™ makes it even more useful. And there's a quick reference guide for fast financial problem-solving.

The TI Business Analyst II has an 8-digit LCD display and also features Constant Memory™.

Printer/Display Calculators



TI-5219 II



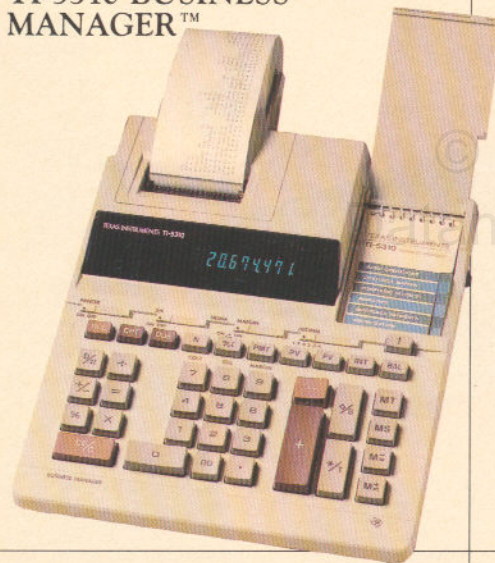
The latest in calculator design features canted display encased in a black hood — reduces glare dramatically.

Human Factors Engineers have redesigned the basic printer display calculator. And the results are outstanding. Larger, 9.5-mm characters are used in the 12-digit display which is canted and recessed just like your auto dashboard. Glare is dramatically reduced. It's easier to handle, easier to use. And it's so quiet.

Prints 3.0 lines per second in red and black. Extras too: A grand total key accumulates all items in the total register. A right shift key corrects the last digit entered in the display.

There is also a three-position rounding switch (up, 5/4, down), and an eight-position decimal select switch for add mode, multiply mode, floating decimal and five fixed decimal positions (0 2 3 4 6).

TI-5310 BUSINESS MANAGER™



12-digit office calculator with preprogrammed business and financial functions.

Here's added value in a heavy-duty desktop. Perfect for the standard business and accounting problems you deal with every day, *plus* the power of preprogrammed business and financial functions — power that lets you solve complex problems with a few simple keystrokes.

With the TI-5310 you can quickly and easily compute a wide range of time-value-of-money and cost-sell-margin problems and analyze alternatives in lease/buy options, loan amortizations... and much more.

To make these complex calculations even easier, there's a built-in reference flip-file to help speed you through even the most complex problem-solving.

The TI-5310 has a 12-digit, easy-to-read vacuum fluorescent display with commas and decimal point and prints at a fast 2.5 lines per second on standard plain paper tape.

Touch operators will like the well-organized, long-travel keyboard with sculptured keys.

TI-5160 II



A fast worker you can depend on to enhance productivity.

Here's a 12-digit, two-color printer/display that does a number on even the toughest workloads. The TI-5160 II combines heavy-duty speed and reliability with advanced design and an abundance of productivity-driven functions.

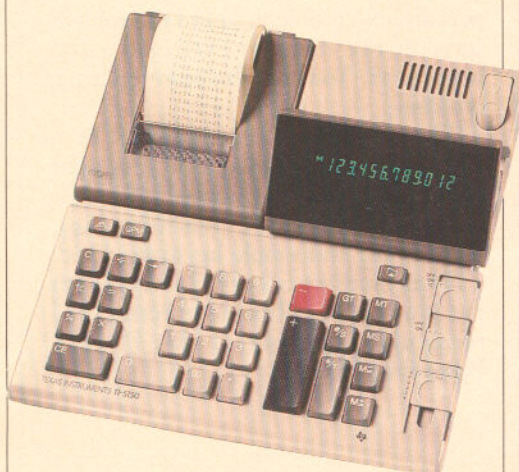
Printing at a remarkably fast 3.2 lines per second, the TI-5160 II will quickly help you out of number crunches. The red and black ribbon printer differentiates positive from negative values. Audit trail, item count and comma punctuation heighten clarity and accuracy. Uses standard 2¼ inch plain paper.

A large, non-glare recessed display makes it easy on your eyes. And the sleek, full-size "touch operator" keyboard with contoured keys makes it easy on your fingertips.

More built-in business assets: Four-function memory; independent add register; selectable grand total and sigma; right shift, gross profit margin, delta %, plus/minus and date/non-add keys; ¼ rounding switch; and a decimal switch that selects add mode, floating or fixed 0,2,3,4.

A hard-working office demands an even harder-working printer/display calculator. The TI-5160 II more than fills the job.

TI-5150



12-digit printer/display calculator with adjustable readout.

The TI-5150 has big 12-digit capacity and a four-position, adjustable display that you can use for custom comfort ... just click it into the best angle for you.

The TI-5150 prints 12 digits on standard 2¼-inch plain paper with audit trail, item count, decimal, and commas.

The fast, "touch operator" keyboard has contoured keys with two-key rollover and 8-level keyboard buffering.

You can add-to, subtract-from, sub-total, or total memory. The independent

add register provides separate storage for addition/subtraction entries, separate from calculations in memory.

The decimal switch selects add mode, floating, or fixed 0, 2, 3, or 4. There's a 5/4 up/down rounding switch.

A "non-add" key lets you label printed tapes with dates, codes, stock numbers, etc., and a "right-shift" key makes corrections easier. There's a Gross Profit Margin key. A Grand Total key. And a percent difference (delta) key.

TI-5130 II



Dependable, 10-digit printer/display calculator.

The TI-5130 II has a "touch operator" keyboard that will help you handle calculating chores quickly and efficiently.

The TI-5130 II prints 10 digits on standard 2¼-inch plain paper with audit trail, item count, decimal and commas. There's a printer on/off switch and a paper advance key. The blue-green vacuum-fluorescent display shows commas and symbols that indicate memory operations, error/overflow conditions, and negative numbers.

The fast "touch operator" keyboard has long-travel, contoured keys with extra-large plus, minus, total, zero and

clear-entry. Entry speed is also increased by two-key rollover and eight key buffering.

You can add-to, subtract-from, sub-total, or total memory without affecting calculations in progress. The independent add register provides storage for addition/subtraction entries, separate from calculations in memory.

The decimal switch selects add mode, floating, or fixed (0, 2, 3, or 4). There's a 5/4 up/down rounding switch.

Finally, a "non-add" key lets you label printed tapes with dates, codes, stock numbers, etc., and a "right-shift" key makes corrections easier.

TI-5045 II



Its powerful features really go to work for you.

Need a desktop calculator for your business that's big on capabilities so you can be big on productivity? Add the attractively styled TI-5045 II to your work plan. It helps you make solid business decisions in a lot less time.

With its 12-digit, two-color printer, you can see red negative entries at a glance. And there's an audit trail to verify calculations, plus a handy item count, decimal and comma punctuation.

The full-size, long travel keyboard will speed you up; the well-spaced, contoured keys enhance comfort and effi-

ciency. Even if you should press two keys at the same time, two-key rollover protects against an error. And the 10-level keyboard buffer adds to your speed and precision.

Other features at your fingertips: 12-digit angled vacuum fluorescent display. Four-key memory. Right shift key. Gross profit margin key. Delta percent key. Sigma switch. Item count. Decimal switch. 5/4 rounding switch. Plus/minus key. And a convenient cord storage feature.

The productivity-driven TI-5045 II from Texas Instruments. Expect big things from it.

TI-5038 Paper-Free Printer™



Use this handy desktop to store, review, or change up to 99 lines of previous entries without paper tape.

Maybe it's time you took a good look at the TI-5038 Paper-Free Printer, the sleek desktop that allows you to review or change previous entries right on the display, without ever needing to bother with paper tape. Store up to 99 entries in the multiline memory. Then scroll backward or forward to review any entry and change it right then and there. It automatically recalculates the total for you to reflect your changes. As a result the TI-5038 makes "what if" calculations a snap.

This stylish desktop has both an 8-digit single line display and a 6-line display.

play that lets you view up to six entries at a time. If you should make a mistake, just correct it and go on. Need to stop temporarily? No problem. Your last problem stays in the memory even when the power's off. You can also store multiple problems.

The TI-5038 also happens to be a sophisticated calculator that gets right down to business. It boasts a four-key independent memory, plus/minus key, percent key and simple keystroke logic.

Work more confidently than ever with the storing, scrolling, correcting and recalculating power of the TI-5038 Paper-Free Printer.

TI-5035



A two-color printer for the home with plug-in/battery portability.

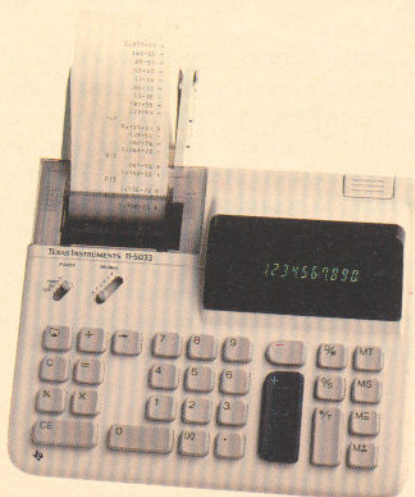
Plug it in and tackle even the toughest home finance and budgeting jobs. Or take it where the work is — on battery power — for do-it-yourself projects.

A red and black 12-digit printer with audit trail and commas makes your financial records easy to read. Uses standard 2¼-inch paper.

Plenty of size for a steady stance on your desk with the AC adapter (included) . . . but small enough to move around easily when powered by 4 AA batteries (not included).

Extra-large, contoured keys and a well-organized keyboard provide fast, accurate operation. Add-to, subtract-from, sub-total or total memory. Printer ON/OFF and paper advance. Percent key and automatic constant. Decimal switch selects add mode, floating or fixed (0, 2, 4).

TI-5033



Set this portable printer/display to work anywhere. You'll see what a good value it is.

Around the office, around the house, the TI-5033 is portability plus. Portability plus a comfortable full-size keyboard. Portability plus down-to-business features.

You'll be surprised at how many useful features are packed in one compact machine. The trim TI-5033 includes such big pluses as contoured, well-spaced keys on the full-size printer/display keyboard, designed to enhance your accuracy. And a large 10-digit vacuum fluorescent angled display that makes viewing easier.

Keep a running total of these other built-in advantages: An APD™ (Automatic Power Down) feature that shuts the calculator off when not in use to conserve the batteries. Or switch over to A/C with a plug-in adapter. There's also a four-key memory, audit trail, item count, paper advance, percent key, date/non-add key, right shift key, decimal switch, and a power switch that turns the printer off so you can use the calculator separately.

Think value. Think portability. The TI-5033 delivers the best of both.

TI-5029



10-digit printer/display calculator, easy-to-read display, impact printing, and luxuriously large keyboard.

Choose the new TI-5029 for business or household use and you'll have your choice of the most sought-after ease of use functions you could imagine.

The 10-digit display shows decimal commas, memory status, minus sign, and overflow.

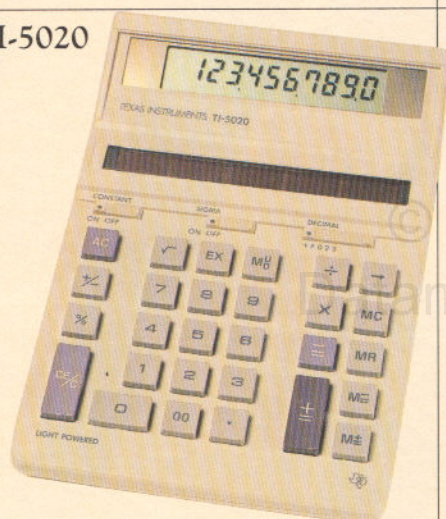
Operates on four "AA" batteries included or an optional AC adapter (available separately). A printer ON/OFF switch saves power when you don't need a permanent record tape.

The four-key memory lets you add to, subtract from, sub-total or total stored numbers without affecting calculations already in progress.

Other features: decimal select switch (add mode, floating or fixed 0, 2, 4), percent key and automatic constant.

Roomy "touch operator" keyboard, contoured to minimize missed keystrokes and fatigue. Perform calculations faster and more accurately with six-level keyboard buffering — enter up to six digits and functions while the printer is operating. Two-key rollover increases entry speed by allowing you to press a second key before you release the previously pressed key.

TI-5020



Light-powered portable desktop calculator.

This economical, desktop portable goes where the work is — around the house, indoors or out.

The "power panel" uses any normal light source — so, you'll never need batteries. With this constant power source, the TI-5020 doesn't even need an on/off switch. So it's always ready to go — ready to get the job done.

The TI-5020 offers an easy-to-read, 10-digit liquid crystal display with commas and decimal point, and slimline, tilt-top case for comfortable viewing.

There's a roomy keyboard with large, sculptured keys, 4-key memory, constant, decimal select and sigma switches, margin up/down, exchange, percent, 00, plus/minus, square root keys and 5/4 rounding.

TI-5005 II



A portable 10-digit printer/display calculator.

Delivers sharp, clear, impact printing on standard-width plain paper. Selectable decimal. And much more..

There's an audit trail that even includes all four memory functions. The TI-5005 II uses standard 2 1/4-inch paper in two convenient roll sizes. The small roll fits inside the case for extra portability. A larger roll fits on a "swing-out" arm when you need extra capacity.

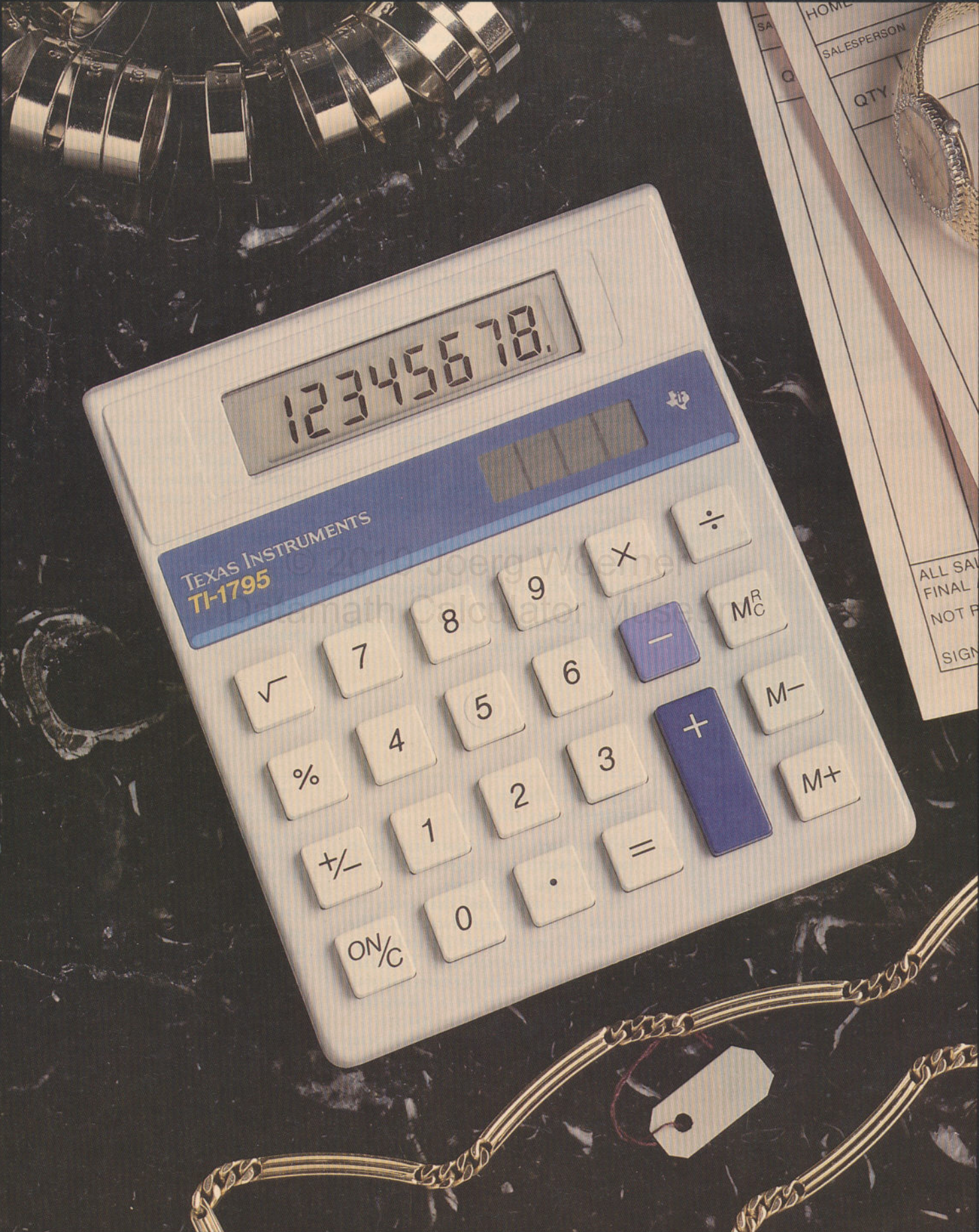
It uses 4 AA batteries (included) or an AC plug-in adapter (available separately). APD™ (automatic power down) feature helps batteries last longer by turning off the calculator if you forget.

The printer features a replaceable ink cartridge for added economy — something many others no longer offer.

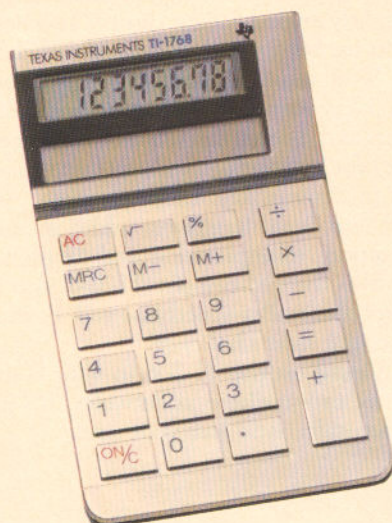
There is also a 10-digit liquid-crystal display with status indicators.

The TI-5005 II is easy to use — with powerful features: Printer ON/OFF key and paper advance. Add-to, subtract-from, recall, or clear memory. There's a 5/4 up/down rounding key, a non-add key that lets you label tapes with dates, codes, or stock numbers, and a Gross Profit Margin (GPM) key calculates selling price when cost and profit/loss margin are known. Automatic percent key. Automatic constant. Decimal key selects add mode, floating or fixed.

General Purpose Calculators



TI-1768



ANYLITE™ solar-powered pocket calculator — with an 8-digit adjustable-angle display.

Here's a calculator with a different angle — as a matter of fact, almost any angle you like.

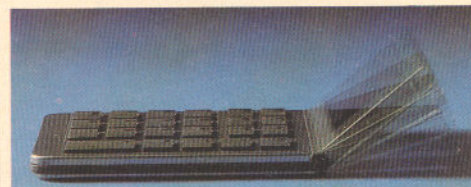
The TI-1768 has a hinged display. So you can adjust it to suit yourself. Get rid of glare for good! Now you can correct your calculator instead of craning your neck.

But what if glare is the least of your problems — because there's barely enough light for you to read the display? Fear not. Powered by ANYLITE™ technology solar cells, the TI-1768 operates in extremely low incandescent light levels — natural or artificial.

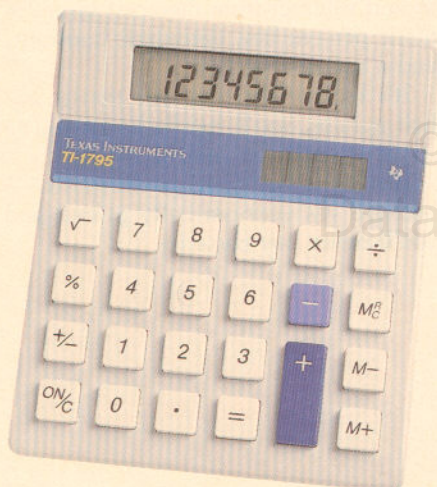
A percent key shortens and simplifies percentage calculations — to help give you time to figure discounts or sales taxes before you buy.

There's a three-key, add-to or subtract-from memory — to help you remember numbers during long calculations.

If all of this gives you an inclination to buy, go ahead — you'll like the way the TI-1768 swings into action.



TI-1795



The little ANYLITE™ solar desktop with some big differences.

What's so different about our little desktop? Well, for starters, it's very little. Only 4.2 inches by 4.8 inches by 1.1 inch high.

But it has big, easy-to-use keys and big spaces between the keys. The big, roomy feel of this keyboard will really surprise you.

It has a big, easy-to-read 8-digit LCD display. Twice as big as pocket calculator displays. And tilted to help prevent glare.

That's already a lot of "bigs" in our little package, but there's more. Most desktops use an accounting sequence of

operation, but the TI-1795 performs chain calculations just like a pocket calculator. If that's what you prefer, then that can be a "biggy," too.

Of course, it's solar powered by the ANYLITE™ solar cell and never needs batteries. And there's a three-key memory, percent key, plus/minus key, and a square-root key. Not big, maybe, as features go. Very useful, though.

But let's not forget little. Like little rubber feet that keep the TI-1795 steady like it was heavy (which it's not). And the little price tag that keeps it affordable like it was an ordinary little desktop (which it definitely is not).

TI-1775



So compact, you'll be amazed at how big the display is.

The TI-1775 was made to be carried everywhere. Especially in small spaces like purses, pockets and briefcases. Its soft case instantly folds to wallet size: 5" x 3".

Open the case and you're in for an even bigger surprise. On top is an extra-large 8-digit LCD display that's easy to read, whether you're out shopping or working at your desk. Below is a roomy color-coded keyboard with large, comfortable rubber keys. We've even made the most frequently-used keys—CE/C, 0 and + — extra large.

Small as the TI-1775 is, it's packed with handy functions. Like a 4-key memory so you can add-to or subtract from stored numbers. Plus a square root key, plus-minus key, all clear key and percent key for taxes and discounts. And constants for multiplication and division.

With such compact convenience, why worry about batteries? The TI-1775 is solar powered for a quick read indoors and out.

Cut your calculating tasks down to size with the foldable, flexible TI-1775. It's a perfect fit for everybody.

TI-306



The ANYLITE™ solar powered calculator that's sleek, sophisticated and small enough to carry anywhere.

When you need to figure discounts at a big sale, the tip at a restaurant, or add data on a business trip, it's nice to know that help is as close as the TI-306 from Texas Instruments. Its ultra-thin, compact size fits comfortably into any purse pocket or briefcase. And no matter where you take it, the classic design will leave a good impression.

You'll reach for the TI-306 often because it's packed with the features you depend on most. Powered by ANYLITE™ solar technology, it works in very

low light and never needs batteries. The slightly angled 8-digit display also helps you see better, with less overhead glare.

Want more? Comfortable rubber keys. A 3-key memory so you can store numbers and shorten calculations. A percent key for computing discounts and taxes. A plus/minus key. Large plus key. And all four basic functions: addition, subtraction, multiplication and division.

Slip the lightweight TI-306 into its dark blue wallet-styled case and it's ready for your next challenge.

Count on the TI-306 in your home, office or anywhere in between. It's just your style. And just your size.

TI-1766 II



Extra-thin, ANYLITE™ solar-powered six-function calculator.

Here's an everyday, eight-digit math marvel that's slim and trim — but tough enough to take it when you take it along.

Powered by ANYLITE™ technology solar cells, the TI-1766 II operates in extremely low incandescent light levels — natural or artificial.

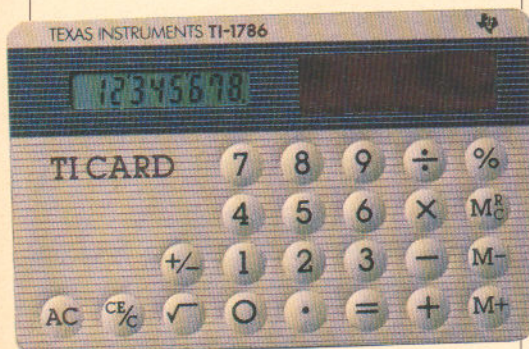
Specially designed extra-large keys are extra convenient and extra helpful for fast, accurate calculating.

There's a three-key, full-function, add-to and subtract-from memory, an automatic percent key, automatic constant, and a square root key.

It's lightweight. At only two-and-a-half ounces, you'll hardly know you've got it — until you need it.

It's light on your pocketbook — because it's economically priced and you'll never buy batteries.

TI CARD TI-1786



Super-small, solar-powered problem-solver.

The always-there-when-you-need-it calculator that's super small so you can always keep it handy — and solar powered so you can always count on it.

The TI CARD is about the size of an ordinary credit card — 3.3 inches long by 2.1 inches wide by 0.1 of an inch thick.

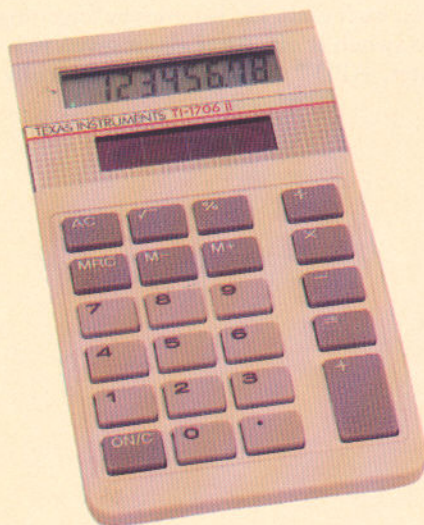
It's solar powered and works in any normal light, indoors or out.

So, since it's so small and solar powered, you can tuck it away almost anywhere and never worry. When you need it, it'll be at the ready and ready to go.

And for such a small space, it's full of features. The easy-to-read liquid crystal display is complete with commas and decimal, and has a memory indicator. There's a three-key memory to let you store numbers and simplify calculations. A percent key can help figure add-ons and discounts. There's a plus/minus key. Even a square root key.

So if you really hate it when you forget your calculator, remember to get a TI CARD. Then you can forget it — 'til you need it.

TI-1706 II



Economical, extra-compact, solar-powered calculator.

The TI-1706 II is the economical answer to anyone's everyday math problems.

You'll find plenty of performance to help speed you through with ease and accuracy—even though the price is low.

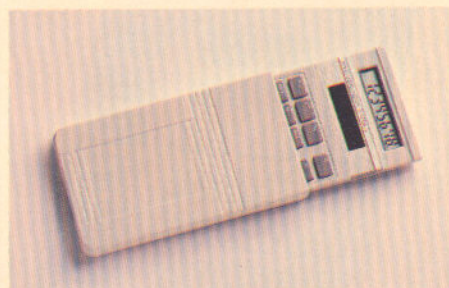
The three-key memory lets you add to, subtract from, clear, or recall numbers you need to save during calculations.

The percent key will automatically place the decimal, compute the percentage, and add it to or subtract it from the number in the display—at the touch of a couple of keys.

There's a square root key. And the automatic constant is a real time saver for repetitive calculations.

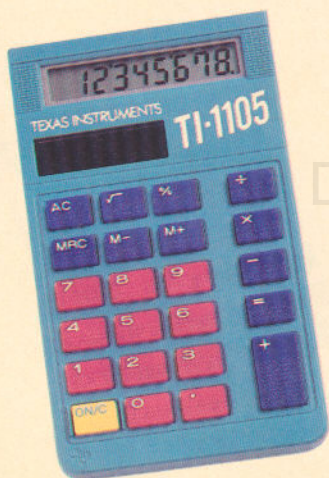
Attractive two-tone styling of the keyboard separates numeric keys from function and memory keys for ease of use.

Solar power means you'll never need batteries. Works in any normal reading-light level, indoors and out.



TI-1706 II sliding cover/case.

TI-1105



Bold and lively colors, large keys, solar and lots of functionality.

Comes in three bright colors to match a lively lifestyle and add zest to number chores: Turquoise, magenta and dark blue.

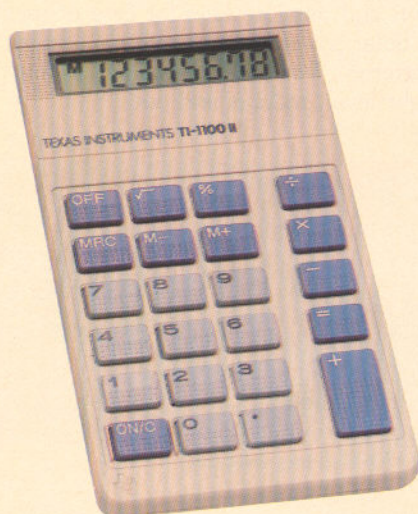
Big keys, solar-powered, eight digits, three-key memory, a square root key, percent key—plenty of performance at an economical price.

And a unique dual purpose sliding cover/case protects against scratches and impacts.

The 1105 has no batteries. It's solar powered so it works in any normal reading-light level, indoors or out.



TI-1100 II



Economical, extra-compact calculator.

The TI-1100 II is an economical answer to everyday math problems.

You'll find plenty of performance to help speed you through with ease and accuracy. And the cost is low.

The three-key memory lets you add to, subtract from, recall, or clear numbers you need to save during calculations.

Add-on and discount percentages are easy with the percent key. It will automatically place the decimal, compute the percentage, and add or subtract this number from the number in the display — at the touch of a couple of keys.

The automatic constant feature is a real time saver. There's also a square root key.

The TI-1100 II is battery operated, but you can't drain the batteries by forgetting to switch it off. After about seven minutes, APD™ turns it off automatically.

TI-506 and TI-502



Choose either the solar-powered TI-506 or the battery-powered TI-502. Either way, the special "tilt-top" display provides a comfortable viewing angle and helps reduce glare from overhead lighting.

A percent key shortens and simplifies percentage calculations — a feature you'll appreciate when you're figuring discounts or sales taxes. Automatic constant lets you zip through repetitive problems without reentering numbers. And there's a square root key. There's also a full-function, add-to or subtract from memory.

APD™ (Automatic Power Down) remembers to turn off the TI-502 (after seven minutes) even if you don't — a real battery saver.



Specialty Calculators



ORDER NO. 023-15

TI PAPERLESS PRINTER



The calculator with a difference you can plainly see: it makes changes on the display and never runs out of paper.

Now you can store entries in the display memory, scan over what you've entered and make any changes to the display right then and there. All without worrying about paper tape. Ever.

Like a paper tape, the extra-large display of the TI Paperless Printer lets you see your previous entries. But the resemblance ends there. The Paperless Printer can scroll forward or backward so you can view up to 99 lines, six entries at a time. Even when you turn the power off, your last problem will remain in the memory.

Multiple problems are no problem at all for the Paperless Printer. Store one problem. Then two more. Then go back and work on the first problem. Just scroll in any direction, up or down.

The Paperless Printer is an equally powerful calculator. In addition to all four basic functions, you can rely on four-key independent memory.

Imagine ... a printer so compact, it folds up to fit in a purse or pocket.

Check into the TI Paperless Printer. And check or change your entries more easily than ever before.

TI MINI DATA BANK



Stores and retrieves up to 150 phone numbers, appointments and dates ... it's a calculator too!

Anytime, anywhere, the handy TI Mini Data Bank can give you the information you need most often. Like phone numbers, birthdays, reminders, appointments, golf scores, zip codes, travel schedules, social security numbers and bank account numbers.

Up to 150 separate items of information can be stored in the Mini Data Bank at any given time. The 2-line display holds as many as 18 characters. Everything you enter is automatically alphabetized so you can retrieve your data easily. If you want to enter confidential information, you can protect it with a personally-chosen secret code.

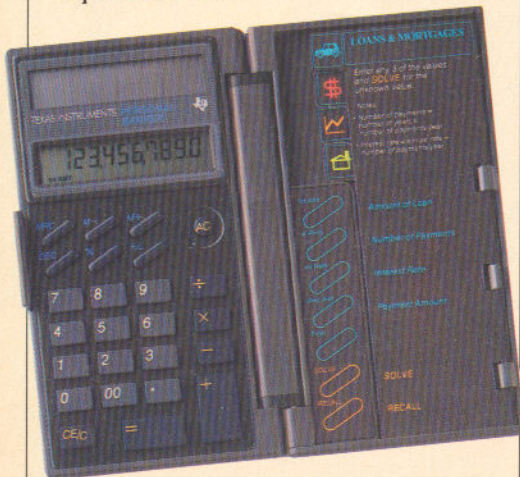
Two separate keyboards help to avoid confusion. Use one keyboard to enter and retrieve information. Use the second to operate the calculator.

The Mini Data Bank is also a powerful calculator, with basic functions as well as mark-up and mark-down features that salespeople will especially appreciate.

If you want to put your hands on names and figures instantly, the compact TI Mini Data Bank is all you'll ever need to remember.

TI PERSONAL BANKER™

Easily answers loan, savings and investment questions that used to require a banker.



Such personal financial questions as "What will my investment be worth?", "How much should I deposit each month to reach my goal?" and "How long will it take to pay off my loan?" are now easier than ever to answer with the TI Personal Banker. Exclusive, step-by-step Help Cards and special financial keys simplify every calculation.

There are four Help Cards in all... Loans and Mortgages with — or without balloon payments, Savings (with periodic deposits), and Investments (without periodic deposits). Five blue financial keys directly correspond to each Help Card.

Once you enter your known values and solve for your unknowns, the yellow SOLVE and RECALL keys allow you to change, go back or alter your results for

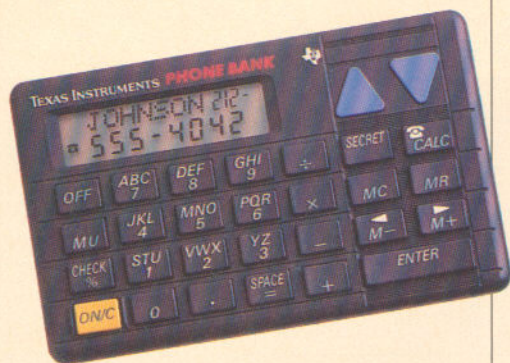
simple "What If?" determinations. To further verify your entries, labels in the display cross-reference the Help Cards and financial keys.

ANYLITE™ Solar technology enables the Personal Banker to be used even in dim light. Best of all, you never have to worry about batteries.

Fold the compact hinged case back and the Personal Banker becomes a standard four-function calculator, with plenty of useful financial features, including a percentage key for add-ons or discounts, a plus/minus key and a three-key memory.

Let the TI Personal Banker show you a faster, easier way to manage your personal finances. You won't want to be without it.

TI-2400 PHONE BANK™



Instantly, it puts up to 150 essential names and numbers in the palm of your hand.

You name it, the TI-2400 Phone Bank can store and retrieve it fast: phone numbers, birthdays, bank account numbers, social security numbers, lock combinations, personal access codes and more. Now you don't have to spend time searching through address books, or trying to remember details.

Up to 150 separate items of information can be stored automatically in alphabetical order for quick retrieval. When you want to store private information, such as personal automatic teller machine codes, you can protect it with a secret password that only you can access.

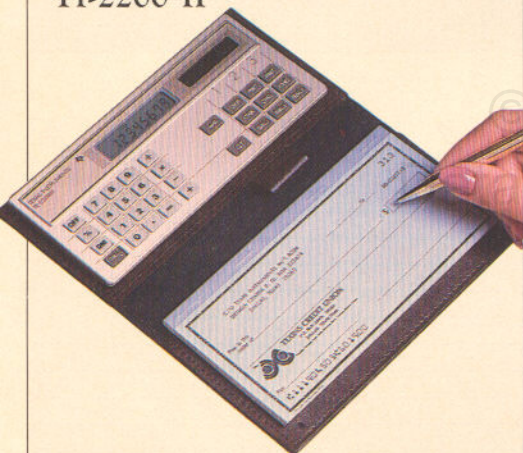
To scroll through everything you've entered, press the arrow keys. To find the entry you're looking for, enter the first letter and scroll through or enter it exactly.

Press a button and the Phone Bank becomes an 8-digit pocket calculator. There's a handy 4-key memory, plus a percent key and a key to calculate gross profit margins.

The Phone Bank even knows when to take a rest. An APD™ (Automatic Power Down) feature turns the unit off if no key is pressed for seven minutes... without losing your data or draining your battery!

The TI-2400 Phone Bank. It saves time and so much more.

TI-CHECKWRITER™ TI-2200 II



Now with a new secret "pass" code that protects your private data. It's solar powered and has a battery pack to prevent losing important memory data.

Overbought over overdrafts? Get a TI Checkwriter™ and it's all over!

Makes it simple and easy to "balance your checkbook"—every time you write a check!

On a budget? TI Checkwriter™ keeps track of up to three separate balances... to help you keep your money on track.

Constant Memory™ feature means that TI Checkwriter™ keeps your accounts in order, even when you switch it off! So, whether you want Balance One, Balance Two or Balance Three—or the Grand Total—just push the button. Anytime!

Works as a "regular" 8-digit calculator, too, so it's great for shopping as well as paying the bills. An automatic percent key lets you figure sales taxes or discounts—fast, *before* you buy.

Attractive, sturdy vinyl wallet holds the calculator and your standard-sized checkbook.

TI-2300



Count on it to scroll through up to 32 entries for quick, easy reviewing.

Now there's a four-function handheld calculator that lets you review up to 32 items at once. The TI-2300.

It's a natural for checking prices on a shopping list. An essential for salespersons and other professionals who routinely verify their figures. And a big plus for anyone who wants to be sure they've entered all previous numbers correctly.

The line item recall feature scrolls forward or backward through up to 32 entries, displaying one line at a time. A handy line indicator always shows your current position.

You'll want to review the other useful features of the TI-2300. The attractively styled keyboard is color-coded for easy reference when you need answers in a hurry. There's a four-function memory that expedites long calculations. A markup key and percent key designed to save keystrokes when figuring profits, discounts and taxes. Also square root and plus/minus key. Its power comes from two alkaline batteries.

All this and more in an attractive grey design with a coordinated wallet. Take a good look at the TI-2300 calculator... line by line and feature by feature. Its 32-line recall will help you work smarter, every step of the way.

■ Specialty Calculators

	TI-2800 PAPERLESS PRINTER	TI-2700 MINI DATA BANK	TI-2600 PERSONAL BANKER™	TI-2400 PHONE BANK™	TI-2200 II CHECKWRITER™	TI-2300
PRODUCT FEATURES						
Display	8 digit LCD	18 digit LCD	10 digit LCD	8 digit LCD	8 digit LCD	8 digit LCD
Memory keys	4	4	3	4	9	4
Floating decimal	●	●	●	●	●	●
Automatic constant	●	●	●	●	●	●
% key	●	●	●	●	●	●
± key	●	●	●	●	●	●
APD™	●	●	●	●	●	●
Special keys		Mark up/down	Decimal set, 1st amount, # pmts, Int rate, Pmt amt, Final, Solve, Recall	Mark up	Decimal GT	Mark up Scroll, Vx
Special features	<ul style="list-style-type: none"> • 6 Line Display • View up to 100 lines • Scroll up/down • Verify/correct entries • Never needs paper • Compact case 	<ul style="list-style-type: none"> • Double line LCD • 6 Alpha/12 Numeric • Store 150 items • Secret code • Scroll up/down • 3 way retrieval • Unique slide cover • Pouch included 	<ul style="list-style-type: none"> • Unique help cards for loans and mortgages • Savings and investment applications • Protective hard case • Display labels • Double check with recall key • Guide book 	<ul style="list-style-type: none"> • Stores 150 names and numbers • Handy portable size • Secret code • Double line LCD • Matching wallet 	<ul style="list-style-type: none"> • Secret pass code • Preset decimal 	<ul style="list-style-type: none"> • Scrolls through up to 32 items • Large display • Coordinating wallet
Solar			AnyLite		●	
Batteries included	●	●		●	●	●
SPECIFICATIONS						
Length (inches)	4.9	5.5	6.0	3.5	2.7	4.5
Width (inches)	3.4	2.5	5.25	2.3	5.9	2.5
Thickness (inches)	0.875	0.375	0.25	0.5	0.3	0.4
Weight (ounces)	7	3	4	3	4.3	2

■ Scientific Calculators

		TI-95 PROCALC™	TI-74 BASICALC™	TI-65	TI COLLEGIATE™	TI-60	TI-36 SOLAR	TI-35 PLUS	TI-34 KIT	TI-32 SOLAR	TI-31 KIT	TI-30 SLR+	TI-30 STAT
PRODUCT FEATURES													
Calculator	Horizontal format	●	●	●		●	●	●	●	●	●	●	●
	Vertical format					●							
	Tilt-top format			●		●							
	Vertical folding				●								
	Slide case								●	●	●	●	●
	Wallet carry case						●	●					
	Pouch carry case					●							
	Hardshell carry case	●	●	●	●	●							
Display	AOS™ entry system	●	●	●	●	●	●	●	●	●	●	●	●
	Digits displayed	16 + 15	31	10	10	10	10	10	10	10	8	8	8
	Calculating digits	13	13	13	13	13	12	12	12	12	11	11	11
	Adjustable flex-neck									●			
	Display contrast control	●	●										
	Alphanumeric	●	●										
Instruction/use	User guide	●	●	●	●	●	●	●		●	●	●	●
	Quick reference guide			●		●	●	●		●	●	●	●
	Quick reference card	●	●	●	●				●	●		●	●
	Special application book								●		●		
	Programming guide	●	●										
ACCESSORIES (Optional)													
	Printer	●	●										
	AC adapter	●	●										
	Cassette interface	●	●										
	8K RAM Cartridge	●	●										
	Application software cartridges	●	●										
	Learn BASIC book		●										
	PA 201 Adapter	●	●										

Specifications

Scientific Calculators

		TI-95 PROCALC™	TI-74 BASICALC™	TI-65	TI COLLEGIATE™	TI-60	TI-36 SOLAR	TI-35 PLUS	TI-34 KIT	TI-32 SOLAR	TI-31 KIT	TI-30 SLR+	TI-30 STAT
PRODUCT FUNCTIONS													
Programs	BASIC language		•										
	Keystroke steps	7200		100		84							
	Program memory	8K	8K										
	Decision making	•	•	•									
	Straight line	•	•	•	•								
	Function key/display labels	•											
Memory	Number	900	10	16	5	12	1	1	1	1	1	1	1
	Store, recall	•	•	•	•	•	•	•	•	•	•	•	•
	Sum		•				•	•	•	•	•	•	•
	Exchange		•	•	•	•	•	•	•	•	•	•	•
	Clear	•	•	•	•	•							
	Math operators	•	•	•	•	•							
	Constant Memory™	•	•	•	•	•		•					•
Total functions		200 +	130 +	148	177	124	89	89	96	72	63	63	54
SPECIFICATIONS													
Mechanical	Number of keys	65	61	45	82	45	40	40	42	39	40	40	40
	Weight (ounces)	12.0	12.0	6.6	6.5	3.8	3.5	3.5	3.5	3.5	3.5	3.0	3.5
	Length (inches)	8.3	8.3	5.8	5.7	5.8	5.3	5.3	5.7	5.7	5.5	5.35	5.3
	Width (inches)	3.75	3.75	3.7	3.0	3.1	2.9	2.9	2.9	2.8	2.9	2.6	2.9
	Thickness (inches)	1.0	1.0	0.8	0.7	0.9	0.35	0.35	0.37	0.37	0.37	0.31	0.35
Electrical	Batteries included	•	•	•	•	•		•					•
	APD™	•	•	•	•	•		•					•
	Solar powered						★		★	★	★	★	
SUBJECT APPLICATIONS													
Mathematics	Fixed decimal option	•		•	•	•	•	•	•				
	Scientific notation	7+2	13+3	10+2	10+2	7+2	10+2	10+2	10+2	8+2	5+2	5+2	5+2
	Parentheses' levels	15	22	15	15	15	15	15	15	15	15	15	15
	Max. no. pending operations	8	10	4	6	4	6	6	6	4	4	4	4
	Log, 10x, lnx, ex	•	•	•	•	•	•	•	•	•	•	•	•
	x², √x, yx, 1/x, x!, x√y	•	•	•	•	•	•	•	•	•	•	•	•
	%		•	•	•	•	•	•	•	•	•	•	•
	Δ %		•		•	•							
	Integer or fraction part	•	•	•		•							
	Absolute value	•	•	•		•							
	Fractions				•				•				
Trigonometry	Sin, cos, tan and inverses	•	•	•	•	•	•	•	•	•	•	•	•
	Hyperbolic functions	•	•		•	•	•	•	•				
	Degrees/Radians/Grads (DRG)	•	•	•	•	•	•	•	•	•	•	•	•
	DRG conversions	•	•	•	•	•	•	•	•	•	•	•	•
Science	DMS < > DD	•	•	•	•	•	•	•	•	•	•	•	
	P < > R	•	•	•	•	•	•	•	•	•	•	•	
	Timer			•									
	Metric conversions	•		•	•	•							
	Physical constants			•	•								
Computer math	Calculates in dec, hex	•		•	•	•	•	•	•	•			
	Calculates in oct	•		•	•	•	•	•	•				
	Calculates in binary				•		•	•	•	•			
	Converts dec, hex	•		•	•	•	•	•	•	•			
	Converts octal	•		•	•	•	•	•	•	•			
	Converts binary				•		•	•	•	•			
	Logic operators (number)				6				6				
Statistics	One variable						•	•	•	•	•	•	•
	Two variable	•	•	•	•	•							
	Mean, standard deviation	•	•	•	•	•	•	•	•	•	•	•	•
	Permutations and combinations	•	•	•	•	•	•	•					
	Linear regression	•	•	•	•	•							
	Normal distribution				•		•	•					
	Random numbers	•	BASIC		•		•	•		•			
Calculus	Integration			•	•		•	•					
	Complex numbers				•		•	•					

★ ANYLITE™ SOLAR CELLS

Specifications

Business Calculators

		TI BUSINESS EDGE™	BA-35	BA-20	BA-III	BA-SOLAR	BA-II
PRODUCT FEATURES							
Calculator	Vertical format	•	•		•	•	•
	Mini-desk format			•			
	Slide case	•				•	
	Wallet carry case		•				•
	Pouch carry case				•		
Display	Digits displayed	10	8	10	10	10	8
	Calculating digits	13	11	10	12	13	11
Instruction/use	Guide book	•	•		•	•	•
	Quick Reference Guide	•	•	•	•	•	•
	Clock			•			
	Backspace	•			•	•	
PRODUCT FUNCTIONS							
Memory	Number	1	1	1	1	1	1
	Store, recall, sum	•	•	•	•	•	•
	Clear			•			
	Exchange display with		•				•
	Constant Memory™		•		•		•
SPECIFICATIONS							
Mechanical	Number of keys	36	40	30	45	40	40
	Weight (ounces)	5.0	3.5	3.0	4.0	4.5	3.5
	Length (inches)	5.7	5.3	4.7	5.8	5.5	5.3
	Width (inches)	3.1	2.9	5.0	2.9	2.9	2.9
	Thickness (inches)	0.7	0.35	0.9	0.9	0.38	0.35
Electrical	Batteries included		•	•	•		•
	APD™		•		•		•
	Solar powered	★		•		★	
SUBJECT APPLICATIONS							
Mathematics	Fixed decimal option	•	2 only		•	•	•
	Ln _x , e ^x	•	•		•	•	•
	x ² , √x, y ^x , 1/x	•	•	√x only	•	•	•
	x!	•	•				
	%	•	•	•	•	•	•
	Δ %	•	•		•	•	•
	x $\frac{\square}{\square}$ y	•			•	•	•
	Automatic constant			•			•
Statistics	Mean, standard deviation	•	•		•	•	•
	Linear regression	•			•	•	•
	Intermediate statistics	•					
Finance	N, %i, Pmt, PV, FV	•	•		•	•	•
	Range of periods	•			•	•	
	Accumulated interest	•			•	•	•
	Remaining balance	•	•		•	•	•
	Interest conversions	•	•		•	•	
	Annuity due	•	•		•	•	•
	÷ 12					•	
	× 12				•	•	
	Points				•		
	Recall of financial values	•			•	•	
Capital budgeting	Internal rate of return				•		
	Var. cash flow, net present val.				•		
	Net future value				•		
	Cash flows				5		
	Frequency				999		
Profit and loss	Cost, selling price, margin			•	•	•	•
	Cost, selling price, mark-up				•	•	

★ ANYLITE™ SOLAR CELLS

Specifications

Printer Display Calculators

General Purpose Calculators

	Tl-5119 II	Tl-5110	Tl-5160 II	Tl-5150	Tl-5130 II	Tl-5045 II	Tl-5038	Tl-5035	Tl-5033	Tl-5029	Tl-5020	Tl-5015 II
Digits displayed	12	12	12	12	10	12	8	12	10	10	10	10
Printout color Red (R) Black (B)	R/B	B	R/B	B	B	R/B		R/B	B	B		B
Floating decimal	•	•	•	•	•	•	•	•	•	•	•	•
Preset decimal	+ × 02346	+0234	+0234	+0234	+0234	+0234		+024	+0234	+024	+023	+0234
Automatic constant	•	•	•	•	•	•	•	•	•	•	•	•
Memory	1	1	1	1	1	1	1	1	1	1	1	1
Independent add register	•	•	•	•	•	•	•	•	•	•	•	•
% key	•	•	•	•	•	•	•	•	•	•	•	•
Printing tape	Plain	Plain	Plain	Plain	Plain	Plain	Electronic	Plain	Plain	Plain		Plain
Special keys/features	Grand total Date/ non-add Right shift	Date/ non-add Cost, sell, margin Financial functions	Date/ non-add Right shift GPM % change +/-	GPM Right shift Grand total % change +/- Date/ non-add	Date/ non-add Right shift +/-	Date/ non-add Right shift GPM % change +/-	6 Line Display View up to 100 lines Scroll up/down Edit entries +/-		Date/ non-add Right shift	Item count	GPM Sigma Right shift +/- √ x Exchange	GPM Date/ non-add Advance 5/4
Weight	4.0 lbs	3.3 lbs	5.2 lbs	4.0 lbs	3.0 lbs	2.1 lbs	1 lb	1.5 lbs	1.2 lbs	1.25 lbs	0.7 lbs	0.5 lbs
Length (inches)	14.0	11.25	12.0	10.1	9.5	8.6	7.48	8.0	7.25	7.5	8.0	6.75
Width (inches)	9.7	9.0	9.9	10.0	9.8	8.25	7.48	7.3	8.75	5.0	5.2	3.0
Thickness (inches)	3.9	2.25	3.0	2.8	2.7	2.25	2.95	1.6	1.6	1.8	1.6	1.38
Print method	Ribbon	Roller	Ribbon	Roller	Roller	Roller	LCD	Roller	Roller	Roller		Roller
Batteries included							•			•	Solar	•
Batteries not included								•	•			
AC adapter included								•	•			
AC operation only	•	•	•	•	•	•						

ALL PRINTERS USE REGULAR WIDTH (2 1/4") PLAIN PAPER

	Tl-1768	Tl-1795	Tl-1775	Tl-306	Tl-1766 II	Tl-1786	Tl-1766 II	Tl-1105	Tl-1100 II	Tl-506	Tl-502
Digits displayed	8	8	8	8	8	8	8	8	8	8	8
Floating decimal	•	•	•	•	•	•	•	•	•	•	•
Automatic constant	•	•	•	•	•	•	•	•	•	•	•
APD™									•		•
Memory keys	3	3	4	3	3	3	3	3	3	3	3
% key	•	•	•	•	•	•	•	•	•	•	•
Special keys	√ x	√ x +/-	√ x +/-	+/-	√ x	√ x +/-	√ x	√ x	√ x	√ x	√ x
Special features	Magnetic wallet Adjustable display	Large keys Tilt-top display New color New package	Large keys Large display Soft, folding wallet	Large keys Tilt-top display	Metal case Large keys	Credit- card size	Large keys Sliding case	Large keys Sliding case Fashion colors	Large keys	Large keys Tilt-top display	Large keys Tilt-top display
Weight (ounces)	1.9	3.0	2.0	2.0	2.5	1.1	2.0	2.0	2.0	1.4	2.0
Length (inches)	4.7	4.8	4.9	4.5	4.4	2.1	4.5	4.5	4.5	4.5	4.5
Width (inches)	2.7	4.2	2.9	2.5	2.6	3.3	2.6	2.6	2.6	2.6	2.6
Thickness (inches)	0.3	1.1	0.5	0.3	0.3	0.1	0.4	0.5	0.4	0.8	0.8
Batteries included									•		•
Solar powered	•	•	•	•	•	•	•	•		•	

★ ANYLITE™ SOLAR CELLS

Texas Instruments
Field Sales Offices

California

17891 Cartwright Road
Irvine, CA 92714
(714) 660-1200

Marriott Business Park
5353 Betsy Ross Drive
Santa Clara, CA 95052-8028
(408) 980-9000

Florida

2950 NW 62nd Street
Ft. Lauderdale, FL 33309
(305) 973-8502

Georgia

5515 Spalding Drive
Norcross, GA 30092
(404) 662-7930

Illinois

515 W. Algonquin Road
Arlington Heights, IL 60005
(312) 640-2954

Kansas

7300 College Blvd., Suite 150
Overland Park, KN 66210
(913) 451-4511

Massachusetts

Suite 2100
950 Winter St.
Waltham, MA 02154
(617) 895-9122

Michigan

33737 W. Twelve Mile Road
Farmington Hills, MI 48018
(313) 553-1658

Minnesota

11000 West 78th
Eden Prairie, MN 55344
(612) 828-9360

New York/New Jersey

485 E. U.S. Route 1, So.
Parkway Towers, Bld. E.
Iselin, NJ 08830
(201) 750-1050

New York (Upstate)

2851 Clover Street
Pittsford, NY 14534
(716) 385-6770

Pennsylvania

Suite 200
670 Sentry Parkway
Blue Bell, PA 19422
(215) 825-9500

Texas

Park Central VI
7800 Banner Drive
Dallas, Texas 75251
(214) 995-7589

Virginia

2750 Prosperity Avenue
Fairfax, VA 22031
(703) 849-1428

For more information
call (806) 747-1882


TEXAS
INSTRUMENTS