CASIO

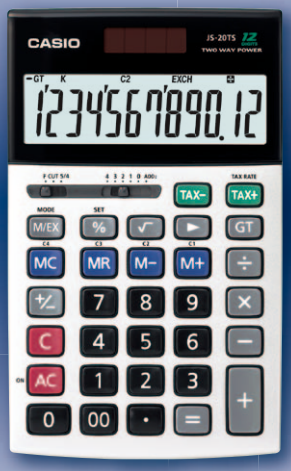
Your Best Answer Reliable & Durable

Office & School

ELECTRONIC CALCULATORS

General Catalogue 2012-2013

SCIENTIFIC CALCULATORS



PRACTICAL CALCULATORS

PRINTING CALCULATORS

LABEL PRINTERS

http://world.casio.com

Over a Half Century of Proven Reliability and Performance from More than One Billion Calculators

In 1957 CASIO created a sensation by introducing the Casio 14-A, the world's first all-electric compact calculator. More than a half century of continuous innovation since that time has resulted in a constant stream of hit products. A notable example is the Casio Mini, the world's first personal handheld calculator, which sold more than ten million units. As a result, in 2006 cumulative unit sales of CASIO calculators passed the one billion milestone. People the world over choose CASIO calculators, the global standard for high performance, ease of use, and durability.

History of CASIO Calculators

For more than half a century, CASIO has created numerous world-first products. The wellspring of this remarkable innovation is CASIO's unique approach to developing and making products, an approach inspired by our commitment to "Creativity and Contribution." CASIO takes pride in contributing to society by creating new value and inspiring new culture. The history of CASIO calculators is a story of constant innovation to create something from nothing. CASIO always finds a way to go from "0" to "1."

World's first

1957
The world's first compact all-electric calculator
Casio 14-A

World's first

1965
Memory-equipped electronic desktop calculator
001

World's first

1967
The world's first programmable electronic desktop calculator
AL-1000

World's first

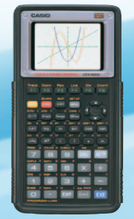
1972
Casio Mini, the world's first personal calculator

1983
0.8mm thin credit card size calculator
SL-800

World's first

1985
The world's first graphic scientific calculator
fx-7000G

World's first



1995
The world's first graphic calculator with a three-colour display
CFX-9800G

One Billion Sales

2006
Cumulative worldwide calculator sales exceed one billion units.

Scientific calculator with natural textbook display
fx-991ES

Check calculator that reviews up to 150 calculation steps, the most in the industry
DJ-120D

Dual Display calculator
DV–220

Graphing calculator with colour display
fx-CG20

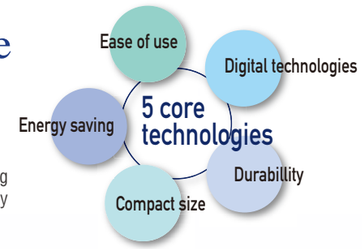
40th ANNIVERSARY

40 years Sales Anniversary of Personal calculator since 1972

1955 > 1960 > 1970 > 1980 > 1990 > 2000 > 2010 > 2011 > 2012 >

Technologies That Give Shape to Creative Development Ideas

CASIO continues its tradition of creating groundbreaking products by combining bold imagination unfettered by conventional thinking with leading-edge technologies.



Your Best Answer Reliable & Durable

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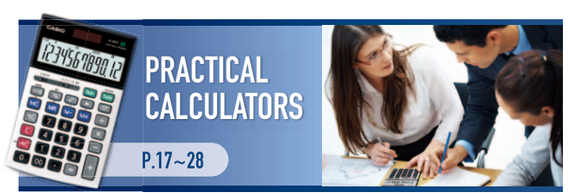

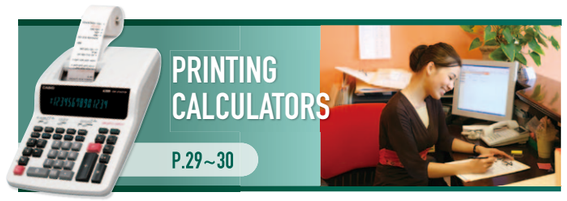

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Ⓑ Blister pack only. Ⓑ Blister pack available in addition to standard packaging.

Ⓒ Clamshell packaging only. Ⓒ Clamshell packaging available in addition to window box. Ⓦ Window box only.

* Items without letter code are available with standard packaging only.

SCIENTIFIC CALCULATORS

Graphic Models with CAS Capability

Functional Upgrades for Greater Convenience as an Education Tool

Greater Expandability

USB Direct Connection to CASIO Data Projector*

Projecting graphs and equations on the projector screen facilitates both learning and teaching.

*For information on supported models, refer to the following URL: http://edu.casio.com

Higher Calculation Speed

A High-speed Processor Provides 30% Higher Calculation Speed

The processor enables fast display of even 3D graphs and other graphic renderings.

Greater Usability

Simple Data Management Using the Mass Storage Function

Data transfer between a calculator and PC requires no special software and resembles use of a USB memory device. The Screen Receiver function makes possible screen captures and real-time display of calculator screens.

Improved Environmental Performance

Official Support for Reusable Ni-MH Rechargeable Batteries

The use of rechargeable batteries reduces used battery disposal and helps reduce environmental impact.

*Comes with snap-on hard case.

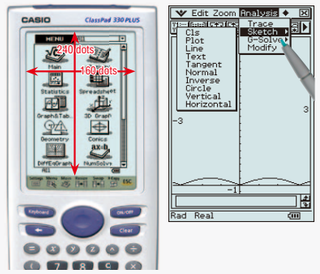
ClassPad 330 PLUS

NEW
CAS Computer Algebra System & Graphics
10+3 DIGITS
515,000 bytes
ICON MENU
NATURAL TEXTBOOK
DOT MATRIX
List-based STAT
Multi-replay
Plastic Keys
20 characters by 17 lines

User-friendly Interface

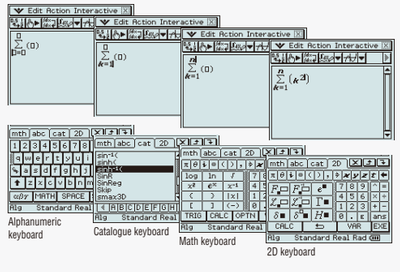
Pen-touch Operation

Intuitive stylus operation for entry of values and expressions, selection of menu commands, drag-and-drop copying of values and expressions, and much more.
A large 160 x 240-dot LCD simplifies operation and displays more data per screen.



Natural Textbook Input and Output

Fractions, powers, and square roots, as well as high-level mathematical expressions such as log, Σ, ∫, d/dx, lim, matrices, F (Fourier transforms), and L (Laplace transforms), can be entered and displayed just as they appear in your textbook. An on-screen soft keyboard helps to simplify entry of complex expressions.



Built-in Applications for Version 3.1

Advanced CAS (Computer Algebra System)

Base-n capabilities have been added for general-purpose numerical and mathematical calculations. Natural input/output mathematical functions have been expanded to include F (Fourier transforms), L (Laplace transforms), δ, Γ, H, and more.

Financial Application

This ClassPad 330 PLUS application provides you with a total of 15 different financial calculations, including simple/compound interest, cash flow, amortization, depreciation, bond calculation, operating/financial leverage, and more.

Differential Equation Graph Application

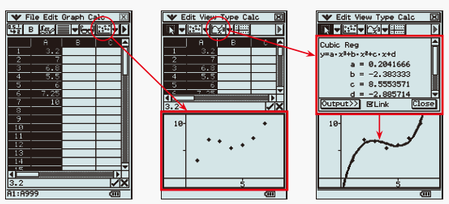
The solution set of a differential equation can be represented graphically as a vector field, and solution curves can be drawn by providing initial conditions for the equation. First, second, and n-th order differential equations are supported.

E-ConEA200

E-ConEA200 provides total control over the optional EA-200 Data Analyzer.
It makes it possible to measure changes in temperature, sound, or speed using the EA-200 without any troublesome settings or program input.

Spreadsheet Application

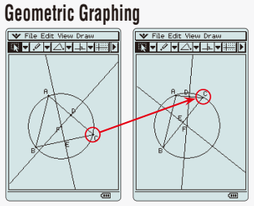
Collected data can be organized and tabulated for analysis after statistical graphing is complete. Spreadsheet data also can be used in table calculations. In addition, ClassPad 330 PLUS supports the following functions: search, sort, data import from and export to lists, matrices, and variables, CellIf, and Histogram/Box-whisker graphing.



Geometry Application

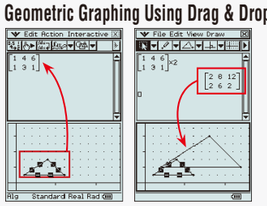
A collection of versatile Geometric Graphing Functions enables efficient drawing and analysis of geometric figures.

Geometric Graphing



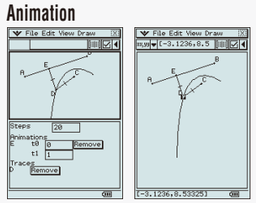
Students can learn the general theorems by drawing figures and can confirm that a theorem still holds true even when the form of the triangle is altered.

Geometric Graphing Using Drag & Drop



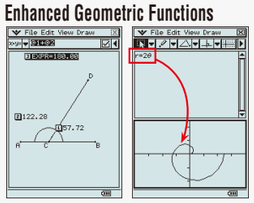
Dropping a geometric figure into the Main application window will produce the numerical data for the figure. Conversely, dropping numerical data into the Geometry window will produce the applicable figure.

Animation



An Animation function provides the means to move geometric figures drawn on the screen. You can even plot the locus for a particular point of the animation. The screenshot shows an example where Point D is plotted as the locus for Point E moving on Line AB.

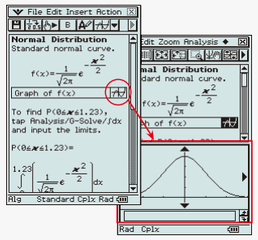
Enhanced Geometric Functions



ClassPad 330 PLUS supports drawing of conics using a focus, as well as graphing of polar equations and parametric equations. Enhanced labeling capabilities let you display attached angles, measurement-based calculation results, and more.

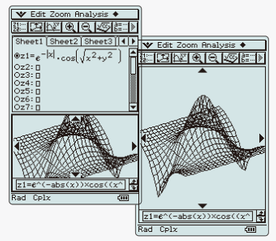
eActivity Application

An eActivity is like a digital worksheet that can be created and worked with on the ClassPad 330 PLUS. All of the powerful features and capabilities of the ClassPad 330 PLUS can be incorporated into an eActivity. In addition to being able to perform the same calculations as the Main application, an eActivity will accept text entry, just like a word processor. Graphs, as well as Geometry and Spreadsheet data, can be stored in an eActivity file.



3D Graph Application

The 3D Graph application lets you draw rectangular coordinate graphs ($z = f(x, y)$) and parametric function graphs ($xst = f(s, t)$, $yst = f(s, t)$, $zst = f(s, t)$). You can split the display screen between a 3D Graph Editor window and 3D Graph window, or enlarge the 3D Graph window to view a larger graph.



ClassPad 330 PLUS Specifications

■ ALGEBRA

- CAS (Computer Algebra System) • Algebra Assistant • Fractions
- Transformation (simplify, expand, factor) • Algebraic ($\sqrt{\ }$, x^2, x^{-1}, $x!$, $\sqrt[n]{\ }$, x^n)
- Simultaneous equations • Real and Complex results • List • Matrix
- Combination $_nC_r$, Permutation $_nP_r$ • Exponents (log, ln, 10^x, e^x)
- Trigonometrics (sin, cos, tan, $\sin^{-1}$, $\cos^{-1}$, $\tan^{-1}$) • Angle unit (Degree, Radian, Grad)
- Function graphing, polar, parametric and $x = f(y)$ equations
- Numeric evaluation of functions in tables
- Graph solve (root, max, intersection, inflection, distance)
- Conics graphs (Parabola, Circle, Ellipse, Hyperbola, General figure)
- Conics graph solve (Focus, Vertex, Directrix, Symmetry, Center, Radius)
- Recursive and explicit sequence numerical tables and plots
- Number Base (base 2 (Bin), 8 (Oct), 10 (Dec) and 16 (Hex))
- Laplace transform, Fourier transform, Fast Fourier transform (FFT)

■ CALCULUS

- Hyperbolics (sinh, cosh, tanh, $\sinh^{-1}$, $\cosh^{-1}$, $\tanh^{-1}$) • Integration, Differential
- Differential equation • Σ, Π, lim • Dirac Delta, Heaviside Unit Step, Gamma

■ STATISTICS

- List-based one- and two-variable statistical analysis • Statistical regression calculations
- Statistical plot (Scatter Plot, xyLine, Normal Probability Plot, Histogram, Box-whisker plot)
- Statistical regression graphs • Advanced statistical calculations (Tests, Confidence Intervals and Distribution calculations)

■ GEOMETRY

- Constraint geometry (for education)
- Construction figures (Perpendicular, Midpoint, Intersection, Angle Bisector, Parallel, Tangent to Curve)
- Geometry figures (Circle, Arc, Ellipse, Hyperbola, Parabola, Triangle, Rectangle, n-gon, Point, Line Segment, Ray, Vector)
- Geometry animation • Numeric evaluation of geometry animation in tables
- Labels (Text, Attached Angle, Measurement, Expression)

■ eACTIVITY APPLICATION

- eActivity creation • eActivity exploration (execution)
- Geometry-Link in eActivity

■ OTHER USEFUL FEATURES

- Drag & drop • Natural format input of equations and expressions
- Natural format display of results • Math, Alphabet, 2D soft keyboards
- Command catalogue soft keyboard • Calculation History
- Mantissa + exponent: 15 + 3 • Interactive manipulation for solving equations
- 3-dimensional graphs • Differential equation graphs • Numeric equation solver
- Financial calculations • Presentation feature • Program storage capacity: 500 KB (max)
- Icon menus • Full screen display/Split screen display
- Software upgradeability (maintenance, feature upgrades) • User-defined variable
- User-defined function (extends built-in functions)
- Folder-based memory management • Unit-to-unit screen image transfer
- Resetting/Initializing memory • Selectable display language • Auto Power Off (APO)
- Ending Screen/User-defined Ending Screen
- Bundled Screen Receiver Software: This data transfer software runs on a Windows computer. You can also transfer ClassPad unit screen captures to your computer.

■ HARDWARE

- Dimensions: 21.0 (H) × 84.0 (W) × 189.5 (D) mm • Approximate weight: 260 g
- Power supply: Four AAA-size alkaline batteries or four AAA-size nickel-metal hydride batteries
- Approximate battery life (hours): 140 (AAA-size alkaline batteries), 100 (AAA-size nickel-metal hydride batteries) assuming 5 minutes calculation and 55 minutes display per hour
- Display type: 160 × 240-dot LCD • Touch Panel (Pen-touch Operation)
- User-available RAM: 500 KB • Memory: 5.5 MB Flash ROM for eActivity, 6 MB USB Flash Drive
- Data communication (via USB and 3-pin cables) • USB cable for connecting with PC
- 3-pin cable for connecting with other ClassPad unit or EA-200

■ OPTIONS

- ClassPad Manager Version 3.0 FA-CP330A/B
- EA-200 Data Analyzer

Visit our website for more information about the ClassPad 330 PLUS:
http://edu.casio.com

ALGEBRA FX 2.0 PLUS

over 1,500 FUNCTIONS
146,000 bytes
768KB Flash Memory
List-based STAT
21 characters by 8 lines
10 DIGITS
10+2 DIGITS
ICON MENU
DOT MATRIX

- Large display (128 × 64 dots)
- Algebra Applications (Computer Algebra System, Algebra, Tutor)
- Graphic functions and Graph solve functions
- Dynamic graph
- Dual graph (Graph and Table, Graph and Graph)
- Conic section graph • Complex functions
- List function and list-based statistics
- Statistic calculations and graphs
- Graph solve • Integrations
- Differential and quadratic differential calculations
- BASIC-like program functions
- Linear equations from 2 to 30 unknowns
- 2 to 30 order equations
- Matrix operations with complex numbers
- Base-n calculations/conversions
- Add-in application with Flash Memory
- Includes a connecting cable for data transfer between two units
- Data communication (requires optional FA-124USB for connecting with PC)

*Comes with slide-on hard case.

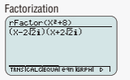
Main Functions

Algebra Applications

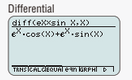
Computer Algebra System (CAS)

Using the Computer Algebra System (CAS), students can factor expressions, find limits of functions and calculate derivatives, integration and Taylor series expressions.
The CAS is a CASIO original algebra system that was devised through the cooperation of CASIO engineers, Profession John Kenelly, and other math instructors. It directly incorporates advice and suggestions from math teachers.

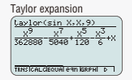
Factorization



Differential



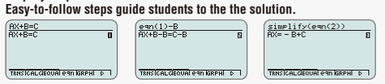
Taylor expansion



Algebra

Easy equation manipulation by students
The Algebra application makes it possible for students to expand and simplify equations on their own as they derive solutions. After learning to solve problems using the Tutor application (see below), students can use the Algebra application to master the steps of solving algebra problems.

Step-by-step View
Easy-to-follow steps guide students to the the solution.



Tutor

Like having your own personal tutor always on hand to guide you along the way!
The TUTOR application guides student to the final solution, much like a teacher does in the classroom. The TUTOR application has three modes.
• Auto • Manual • Verify

Graphic Models

With Natural-V.P.A.M. and backlit display.
The next-generation graphic scientific calculator.

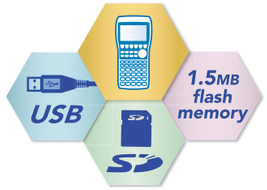
fx-9860GII SD
• SD memory card not included

fx-9860GII

Graphics
over 2,900 functions
10+2 digits
62,000 bytes
Icon menu
Natural V.P.A.M
Dot matrix
List-based STAT
Multi-replay
Plastic Keys
21 characters by 8 lines
SD CARD *

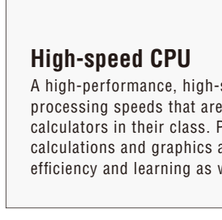
*SD model only.

* Comes with slide-on hard case.



User-friendly Interface

- Rectangular coordinate graphing, Polar coordinate graphing
- Integration graph • Parametric function graphing, Inequality graphing • Trace, Zoom (box zoom, zoom in, zoom out, auto zoom) • Table and Graph • Dual Graph (table and graph, graph and graph)
- Sketch (tangent line, normal line, inverse function) • Solve (root, minimum, maximum, intersection, integration) • Dynamic graph • Conic section graph
- Recursion graph • List-based one-variable and two-variable statistical analysis • Statistical regression calculations • Statistical plot (scatter plot, *xy*Line, normal probability plot, histogram, box plot) • Statistical regression graphs (linear, med-med, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal, logistic regression) • Advanced statistical calculations: tests (*Z*-test, *t*-test, Chi-square test, *F*-test, ANOVA), intervals (*Z*-interval, *t*-interval), distributions • Pie chart • Bar graph • Power functions (square root, cubic root, square, power, radical root) • GCD/LCM • Coordinate conversion (Pol, Rec) • Combination/Permutation (*n*Cr, *n*Pr) • Factorial, Inverse, Random numbers, Fractions • Logical operations • Matrix calculations • Complex number calculations • Base-*n* calculations/conversions • List data calculations • Metric Conversion
- Natural format equation output • Calculation history • Spreadsheet and statistical plot • Numeric equation solver, Simultaneous equations, Polynomial equations • Financial functions • Programming • Icon menu
- SD memory card slot (fx-9860GII SD only) • Data communication • User memory: 62,000 bytes, User storage memory: 1.5 M bytes



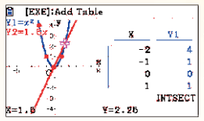
fx-CG20
* Comes with snap-on hard case.

Colour Display
NEW
Graphics
21 characters by 8 lines
over 2,900 functions
10+2 digits
61,000 bytes
Icon menu
Natural V.P.A.M
Dot matrix
List-based STAT
Multi-replay
Plastic Keys

The innovative colour display dramatically increases math learning efficiency.

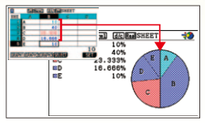
A next-generation colour model that carries on the tradition of innovation in CASIO graphic scientific calculators!

Graphical colour display!



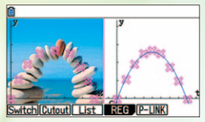
A colour display with more than 65,000 colours.Vivid colours and smooth fonts for easily readable graphs and formulas!

Color Link



Automatically links colours of values on the spreadsheet screen with colours used in graphs!

Picture Plot



Create function graphs overlaid on colour images!

More than 50 pictures are pre-loaded on fx-CG20!!

Single images

© styf - Fotolia.com

Multiple images

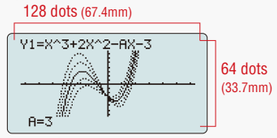
© olbul1 - Fotolia.com

• Natural textbook display • Graphic functions • eActivity • Probability • List-based Statistics • Advanced Statistics
• Financial functions • Mass storage function • Built-in Software (Spreadsheet, E-CON2)
• Add-in Software (Geometry, Picture Plot, Conversion, Physium)

Hardware Features

High-resolution LCD

The large 64 × 128-dot display of the fx-9860GII Series high-resolution LCD produces formulas, graphs and graphics that are sharper, clearer, and easier to read.



fx-9860GII series
Large 64 × 128 dot display.

Backlight on

High-speed CPU

A high-performance, high-speed CPU gives fx-9860GII Series calculators processing speeds that are three to five time faster than other brand calculators in their class. Processes and plots encountered in complex calculations and graphics are handled with ease, for enhanced operational efficiency and learning as well.

Large-capacity 1.5MB Flash Memory

An ample 1.5MB of Flash Memory capacity allows worry-free downloading and storage of data and applications.

Out-of-the-box USB Operations

A USB cable, unit-to-unit cable and Program-Link Software all are included with the calculator, so high-speed data communication with a computer as well as unit-to-unit data and program transfers can be performed virtually out of the box.

SD Memory Card Slot
(SD model only)

The fx-9860GII SD is equipped with an SD memory card slot for easy data transfers.

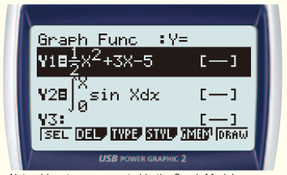
Direct Connection to a Projector

Natural textbook display!

NATURAL-V.P.A.M.

CASIO's original "Natural Expression Input Display" and "Natural Expression Output Display" make it possible to display fractions, exponents, logarithms, powers, and square roots just as they are written in the textbook. The result is enhanced student comprehension and improved math class efficiency.

Natural Input

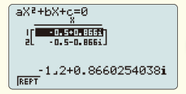


Natural Input now supported in the Graph Mode!

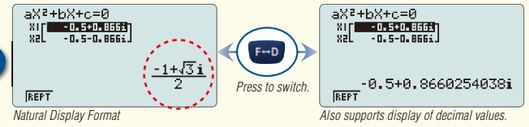
Natural Output

Polynomial equation result

Previous Models



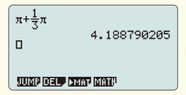
Natural Output Models



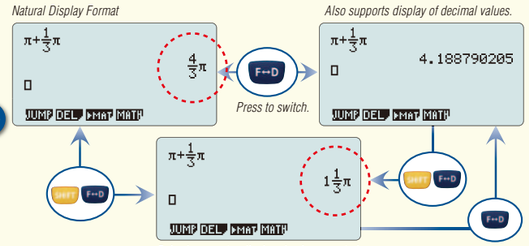
Natural Display Format
Also supports display of decimal values.

Result of expression with Pi symbol

Previous Models

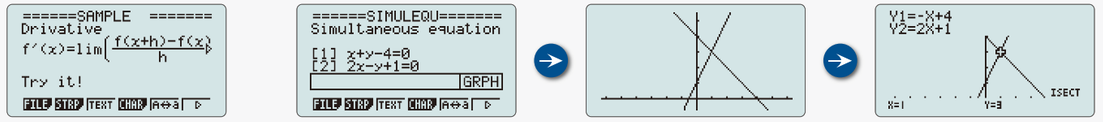


Natural Output Models



eActivity

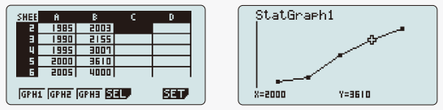
fx-9860GII Series calculators come with the same eActivity capabilities that originally appeared on the ClassPad 330 PLUS. Now teachers as well as students can create their own problems and study materials. Students get the opportunity to learn at their own pace for more efficient study both at school and at home. eActivity is a great motivator for learning and understanding.



Built-in Software

Spreadsheet

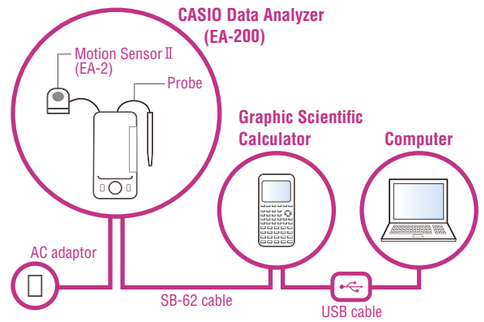
A multi-function spreadsheet with built-in graphing capabilities is a valuable tool for table calculation lesson exercises.



E-CON2

E-CON2 provides total control over the optional EA-200 Data Analyzer. It makes it possible to measure changes in temperature, sound, or speed using the EA-200 without any troublesome settings or program input.

EA-200/E-CON2 System Configuration



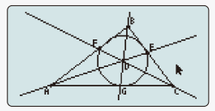
Add-in Software

Pre-installed Software

Pre-installed add-in software comes installed on the calculator when you purchase it. You can use such software as-is, or you can delete it to free up memory.

Geometry

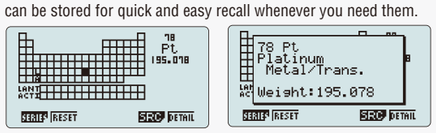
Geometry add-in software is designed to make learning geometry fun.



Downloadable Software

Physium

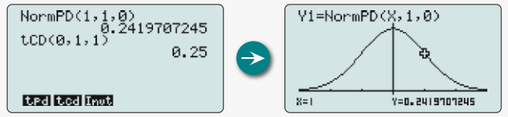
The Physium add-in provides instant access to the periodic table of elements, whose data can be used in calculations. Often-use elements and atomic symbols can be stored for quick and easy recall whenever you need them.



Add-in software can be downloaded from the CASIO website.
http://edu.casio.com/dl/

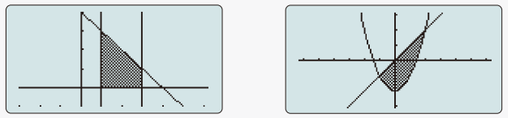
Other Features

Probability

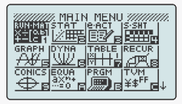


Normal distribution, student's *t*-distribution, and other often-used statistical calculations are provided in function format for easier practical application.

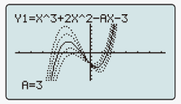
Inequality Graphing



New support for graphing the inequality of an x=Constant graph and $x=f(y)$ graph allows study of the area for which the x-range is defined.



Icon menu



Dynamic graph

Regression graph

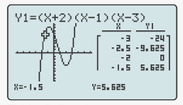
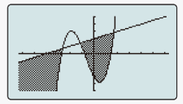
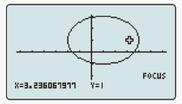


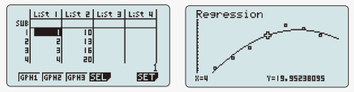
Table & Graph


Integration graph



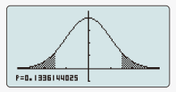
Conic section graph

List-based Statistics



Store a list of values in memory for use when performing function and statistical calculations, when drawing graphs, or when generating tables of numeric values.

Advanced Statistics

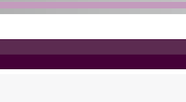


Perform tests, confidence interval, probability distribution, and other calculations and graphing.

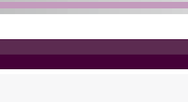
1-sample *t*-test graph

Financial Functions

Depreciation



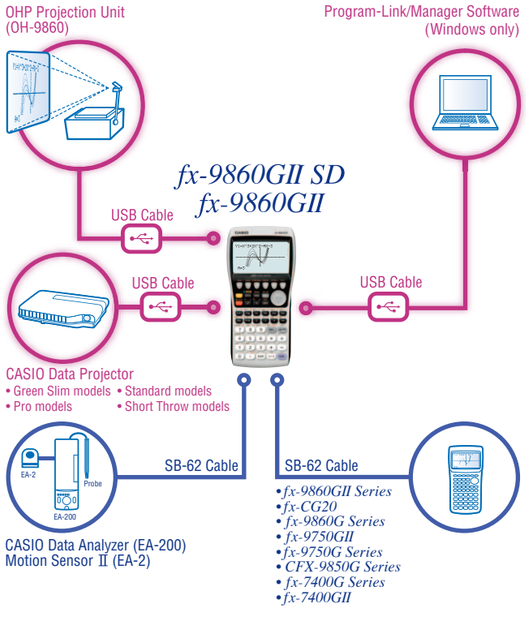
Bond calculation



Compound interest

- Depreciation
- Bond calculation
- Simple interest
- Compound interest
- Investment appraisal (cash flow)
- Amortization
- Interest rate conversion (annual percentage rate and effective interest rate)
- Cost, selling price, or margin
- Day or date calculations

Peripherals



New features give you the tools to create outstanding classroom presentations!

fx-9750GII

over 2,800 FUNCTIONS · 10+2 DIGITS · 62,000 bytes · ICON MENU · List-based STAT · DOT MATRIX · Multi-replay · 21 characters by 8 lines · Plastic Keys

* Comes with slide-on hard case.

POWER GRAPHIC

- Dot matrix display (64 × 128 dots) • Probability • Inequality Graphing
- Rectangular coordinate graphing, Polar coordinate graphing
- Integration graph • Parametric function graphing • Trace, Zoom (box zoom, zoom in, zoom out, auto zoom) • Table and Graph • Dual Graph (table and graph, graph and graph) • Sketch (tangent line, normal line, inverse function) • Solve (root, minimum, maximum, intersection, integration) • Dynamic graph • Conic section graph • Recursion graph
- List-based one-variable and two-variable statistical analysis • Statistical regression calculations • Statistical plot (scatter plot, xy Line, normal probability plot, histogram, box plot) • Statistical regression graphs (linear, med-med, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal, logistic regression) • Advanced statistical calculations: tests (Z-test, t-test, chi-square test, F-test, ANOVA), intervals (Z-interval, t-interval), distributions • Pie chart • Bar graph • Power functions (square root, cubic root, square, power, radical root) • GCD/LCM • Coordinate conversion (Pol, Rec) • Combination/Permutation ($_nC_r$, $_nP_r$) • Factorial, Inverse, Random numbers, Fractions • Logical operations • Matrix calculations
- Complex number calculations • Base-n calculations/conversions
- List data calculations • Metric Conversion • Numeric equation solver, Simultaneous equations, Polynomial equations • Programming • Icon menu
- User memory: 62,000 bytes • Data communication • USB port

fx-7400GII

over 2,100 FUNCTIONS · 10+2 DIGITS · 20,000 bytes · ICON MENU · List-based STAT · DOT MATRIX · Multi-replay · 21 characters by 8 lines · Plastic Keys

* Comes with slide-on hard case.

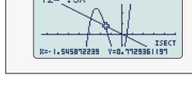
POWER GRAPHIC

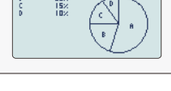
- High-definition display (64×128 dots) • Inequality Graphing
- Polar Graph • X= Graph • Graph Solve Function (Root, Intersection)
- Sketch (Tangent) • Bar Graph/Pie Chart • Random Number Function
- Quotient, Remainder • String Functions • Unit Conversion
- Solve Calculations (EQUA mode) • GCD/LCM
- 12 Types of Regression • Complex Calculations
- Catalog Function • Polynomial Function (EQUA mode)
- Simultaneous Functions (EQUA mode) • Base-n Calculation
- Display Language Setting
- Data communication (requires optional 3-pin cable, FA-124 USB for connecting with PC)

Main Functions

Inequality Graphing

Supports graphing of $X>f(y)$, inequalities.


$Y1>f(x)$, $Y1<f(x)$, ..


$X1>f(y)$, $X1<f(y)$, ..

Graph & Table

Polar Graph

Supports graphing of polar type graphs.

Graph Solve Function

Pie Chart

Bar Graph

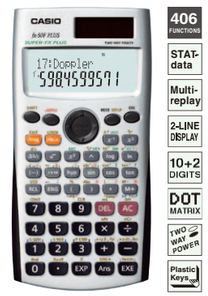
Programmable Models

664 FUNCTIONS · 28,500 bytes · NATURAL TEXTBOOK · List-based STAT · Multi-replay · 10+2 DIGITS · DOT MATRIX · Plastic Keys

SUPER-FX PLUS
fx-5800P

Natural Textbook Display and MORE POWERFUL Program Functions

- Program function • Matrix calculations
- Differential and integration • Recursions
- Solve function • Complex number calculations
- Base-n calculations • Data transmission between two fx-5800P calculators • 26 to 2398 variables
- Fraction calculations • 40 scientific constants
- 128 built-in formulas • Multi-replay function
- Statistics (List-based Statistics, Standard deviation, Regression analysis) • Integrated hard case swings back a full 360 degrees.



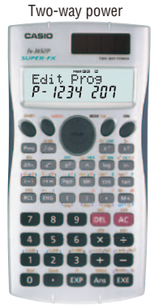
406 FUNCTIONS · STAT-data · Multi-replay · 2-LINE DISPLAY · 10+2 DIGITS · DOT MATRIX · TWO WAY POWER · Plastic Keys

SUPER-FX PLUS
fx-50F PLUS
fx-50FH HKEAA approved model

BASIC-like Program, Perfect Algebraic Method, 2-line Display, Multi-replay Function

- Program function • Multi-replay function
- 2-line display • Fraction calculations
- Combination and permutation • 23 built-in formulas • 40 scientific constants
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 7 variables • Plastic keys
- Comes with slide-on hard case.

Two-way power



Button-type battery

279 FUNCTIONS · STAT-data · Multi-replay · 2-LINE DISPLAY · 10+2 DIGITS · DOT MATRIX · Plastic Keys

SUPER-FX
fx-3650P
SUPER-FX
fx-3950P

Multi-replay Function, 2-line Display, Perfect Algebraic Method

- Program function • Multi-replay function
- 2-line display • Fraction calculations
- Combination and permutation • Differential and integration • Statistics (STAT-data editor, Standard deviation, Regression analysis)
- Base-n calculations/conversions
- Logical operations • Complex number calculations • 7 variables
- Plastic keys • Comes with snap-on hard case.

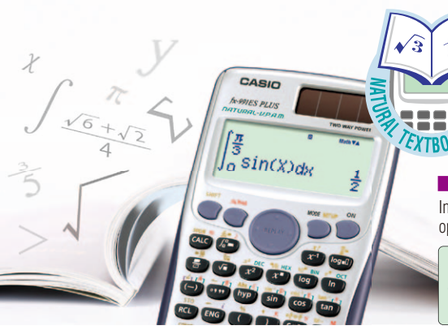
242 FUNCTIONS · 2-LINE BIG DISPLAY · 10+2 DIGITS · DOT MATRIX · Plastic Keys

fx-4500PA

2-line Display and Program File System

- 2-line display shows formulas and results simultaneously. • Versatile program area management: up to 1,103 program steps, and 26 (standard) to 163 variables
- Program file system for storing multiple programs • Replay function
- Engineering symbol calculations
- Formula memory • Integrations
- Statistics (Standard deviation, Regression analysis) • Base-n calculations/conversions
- Logical operations

Standard Models

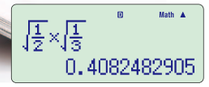


Classroom models that make it easy to teach and easy to learn!

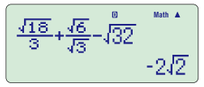
Natural Textbook Display format! NATURAL-V.P.A.M.

CASIO's original "Natural Expression Input Display" and "Natural Expression Output Display" make it possible to display fractions, exponents, logarithms, powers, and square roots just as they are written in the textbook. The result is enhanced student comprehension and improved math class efficiency.

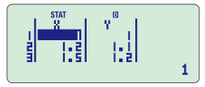
■ Natural input
Input expressions and arithmetic operations as they appear in written form.



■ Natural output
Calculation results appear in the same format as they are written.



■ Full-dot display
Equations and statistical data are displayed in a clear, easy-to-read format.

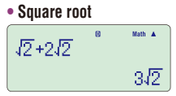


*Conventional input method can also be used.

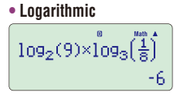
■ Natural Textbook Display examples

- **Fraction**

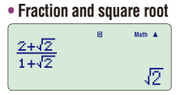
- **Square root**



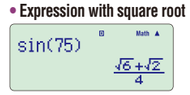
- **Logarithmic**



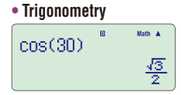
- **Fraction and square root**



- **Expression with square root**



- **Trigonometry**



Prime factorization

82 ES PLUS | 85 ES PLUS | 350 ES PLUS | 95 ES PLUS | 570 ES PLUS | 991 ES PLUS

Determine the integers for a sum of –15 and a product of 56...

Problem: Factor $x^2-15x+56$.
Result: $(x-8)(x-7)$

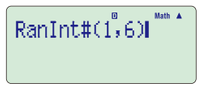
Input 56.
The calculator displays the factors.
$56=2^3\times7$

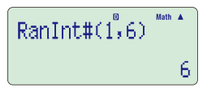
Factor display

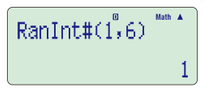
Random integers

82 ES PLUS | 85 ES PLUS | 350 ES PLUS | 95 ES PLUS | 570 ES PLUS | 991 ES PLUS

Specify the range of random integers you want to generate...







A random integer is displayed each time the equals (=) key is pressed.

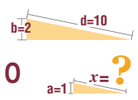
The calculator displays a random integer.

Ratio calculation

95 ES PLUS

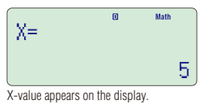
Select the ratio type and enter the non-x coefficients...

$a:b=x:d\rightarrow1:2=x:10$



Enter the non-x coefficients.

The calculator displays the value of x.
$x=5$



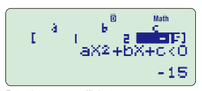
X-value appears on the display.

Inequality

95 ES PLUS

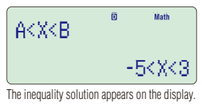
Select the inequality type and enter the non-x coefficients...

$x^2+2x-15<0$



Enter the non-x coefficients.

The calculator displays the solution of the inequality.
$-5<x<3$



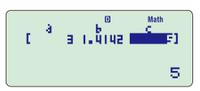
The inequality solution appears on the display.

New equation mode

95 ES PLUS | 570 ES PLUS | 991 ES PLUS

Input an equation...

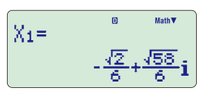
$3x^2+\sqrt{2}\,x+5=0$



Input an equation.

The calculator displays a solution using √‾ and fractions.

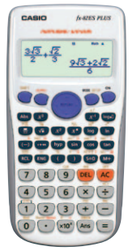
$x=-\frac{\sqrt{2}}{6}\pm\frac{\sqrt{58}}{6}i$



√‾ and fraction display

Natural-V.P.A.M. Models

AAA-size (R03) battery | Two-way power | AAA-size (LR03) battery



252 FUNCTIONS | NATURAL V.P.A.M. | List-based STAT | Multi-replay | 10+2 DIGITS | DOT MATRIX | Plastic Keys

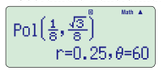
Main functions:
- **Prime factorization**
- **Random integers**

Standard functions:
- Coordinate transformation
- Power calculation
- Trigonometry
- Fraction calculations
- Combination and permutation
- 9 variables
- Statistics (List-based STAT data editor, Standard deviation, Regression analysis)
- Table function

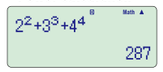
(Black) *fx-82ES PLUS* (White) | *fx-85ES PLUS* | *fx-350ES PLUS*

Standard functions (all models):

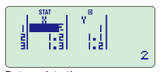
- **Coordinate transformation**



- **Power calculation**

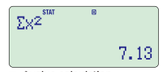


- **Statistics**



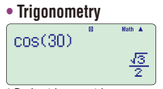
Data registration

Regression calculation



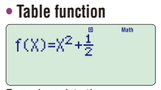
Σx^2 value calculation

- **Trigonometry**

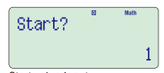


* During trigonometric calculations, only values that are a multiple of 15 can be displayed using square root form.

- **Table function**

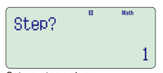


Formula registration



Start value input

End value input



Set up step value

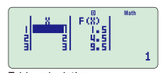


Table calculation

- **Fraction calculations**
- **Combination and permutation**
- **9 variables**

AAA-size (R03) battery

274 FUNCTIONS | NATURAL V.P.A.M. | List-based STAT | Multi-replay | 10+2 DIGITS | DOT MATRIX | Plastic Keys

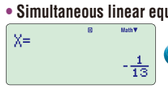
fx-95ES PLUS

Main functions: • **Prime factorization** • **Random integers** • **New equation mode** • **Inequality** • **Ratio calculation**

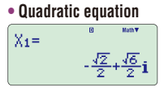
Standard functions plus **additional function:** • Equation calculations

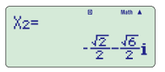
- **Equation menu**

- **Simultaneous linear equations**

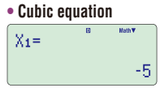


- **Quadratic equation**





- **Cubic equation**



AAA-size (R03) battery | Two-way power

417 FUNCTIONS | NATURAL V.P.A.M. | List-based STAT | Multi-replay | 10+2 DIGITS | DOT MATRIX | Plastic Keys

fx-570ES PLUS *fx-991ES PLUS*

Main functions: • **New equation mode** • **Random integers**

Standard functions plus **additional functions:**
• Integration/differential calculations • CALC function • SOLVE function
• Complex number calculations • Base-n calculation • Equation calculations • Matrix calculations
• Vector calculations • Scientific constants • Metric conversion

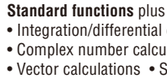
- **Integration**

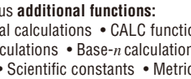
- **Differential**

- **Vector**

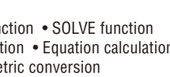
- **CALC**

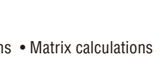
- **Matrix operations**



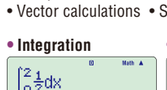


- **SOLVE**

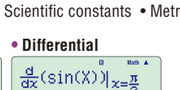




- **Scientific constants**



- **Metric conversion**



- **Complex number calculations**

S-V.P.A.M. Models

AA-size battery

fx-82MS

Two-way power

fx-85MS

Button-type battery

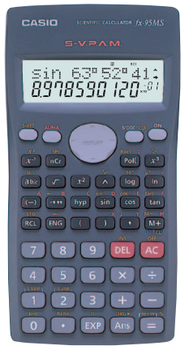
fx-350MS

240 FUNCTIONS | S-V.P.A.M. | STAT-data | Multi-replay | 2-LINE DISPLAY | 10+2 DIGITS | DOT MATRIX | Plastic Keys

- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables
- Comes with slide-on hard case.

**Comes with slide-on hard case.*

AA-size battery



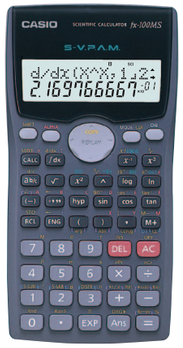
fx-95MS

244 FUNCTIONS | S-V.P.A.M. | STAT-data | Multi-replay | 2-LINE DISPLAY | 10+2 DIGITS | DOT MATRIX | Plastic Keys

- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables
- Comes with slide-on hard case.

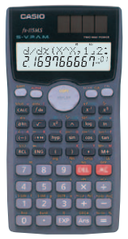
fx-82MS/85MS/350MS functions, in addition to:
- Equation calculations

AA-size battery



fx-100MS

Two-way power



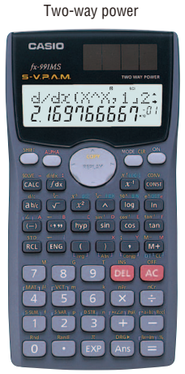
fx-115MS

300 FUNCTIONS | S-V.P.A.M. | STAT-data | Multi-replay | 2-LINE DISPLAY | 10+2 DIGITS | DOT MATRIX | Plastic Keys

- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables
- Comes with slide-on hard case.

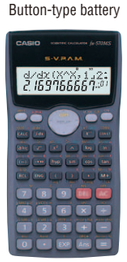
fx-82MS/85MS/350MS functions, in addition to:
- Equation calculations
- Integration/differential calculations
- Base-*n* calculations/conversions
- Complex number calculations

Two-way power



fx-991MS

Button-type battery



fx-570MS

401 FUNCTIONS | S-V.P.A.M. | STAT-data | Multi-replay | 2-LINE DISPLAY | 10+2 DIGITS | DOT MATRIX | Plastic Keys

- Fraction calculations • Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables • Comes with slide-on hard case.

fx-82MS/85MS/350MS functions, in addition to:
- Equation calculations • Integration/differential calculations
- Base-*n* calculations/conversions • Complex number calculations
- Matrix calculations • Vector calculations • 40 scientific constants • Metric conversion

Financial Consultant

Two-way power

4-LINE DISPLAY | DOT MATRIX | 10+2 DIGITS | Plastic Keys

FINANCIAL CONSULTANT
FC-200V

AAA-size (R03) battery

4-LINE DISPLAY | DOT MATRIX | 10+2 DIGITS | Plastic Keys

FINANCIAL CONSULTANT
FC-100V

Powerful, original Financial Consultant features take much of the work out of financial calculations!

- Plastic keys
- Comes with new slide-on hard case.
- Power supply:
  FC-200V: Solar cell and a single G13 type button battery (LR44)
  FC-100V: One AAA-size battery (R03)
- Approximate battery life:
  FC-200V: 3 years (1hour of operation per day)
  FC-100V: 17,000 hours continuous display of flashing cursor
- Dimensions: FC-200V: 12.2 (H) × 80 (W) × 161 (D) mm
  FC-100V: 13.7 (H) × 80 (W) × 161 (D) mm
- Approximate weight: FC-200V: 105g; FC-100V: 110g

Direct mode key

A bank of mode keys provides you with one-touch access to the mode you need.

Compound interest
Payment period, interest rate, deposit amount, future value

Investment appraisal (cash flow)
Net present value method, internal rate of return method, payback period method, etc.

Amortization
Monthly payment, principal and interest to date

General and function
Virtually the same functions as a standard calculator

Simple interest
Interest amount, principal and interest

Statistical and regression
Statistical calculations using input sample data

Interest rate conversion
Nominal interest rate and effective interest rate conversion

Break-even point
Six modes for calculation of break-even point, etc.

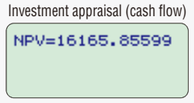
Cost,selling price,or margin
Calculation of any of the above values after inputting the other two

Day or date calculations
Virtually the same as a standard calculator, with some variation in the input method

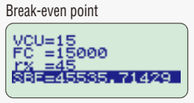
Depreciation
Straight-line method, declining balance method

Bond calculation
Purchase price, annual yield

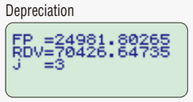
Investment appraisal (cash flow)



Break-even point

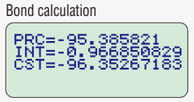


Depreciation

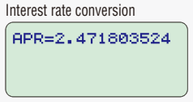


Compound interest

Bond calculation



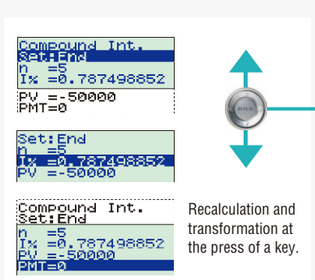
Interest rate conversion



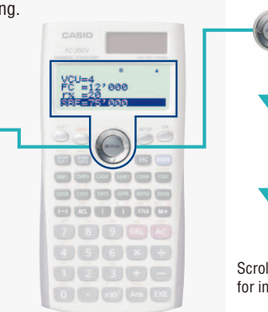
	FC-200V	FC-100V
Simple interest	●	●
Compound interest	●	●
Investment appraisal (cash flow)	●	●
Amortization	●	●
Interest rate conversion	●	●
Cost,selling price,or margin	●	●
Day or date calculations	●	●
Depreciation	●	—
Bond calculation	●	—
Break-even point	●	—
General and function	●	●
Statistical and regression	●	●

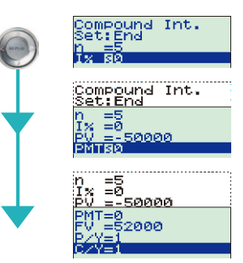
Easy operation with parameters

A full-dot 4-line display provides easier scrolling between parameters and simplifies input, confirmation, and editing.



Recalculation and transformation at the press of a key.

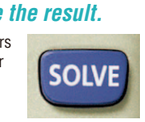




Scroll quickly and easily between values for input and checking.

Calculate the result.

The result appears immediately after you press the SOLVE key.



Create shortcuts.

Once you use a parameter value or setting in a calculation, you can assign it to a shortcut key for instant recall whenever you need it. This feature is great for repeat calculations.

Supporting options in the Classroom

SUPPORT CLASSROOM with TECHNOLOGY

Data Analysis System — Quick and accurate collection supports data analysis.

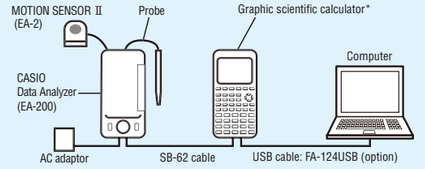
EA-200

- Collect data at rates of up to 50,000 points per second for up to 120,000 points.
- Compatible with the CASIO fx-7400 Series, CFX-9850 Series, ALGEBRA FX 2.0 Series, fx-9860G Series, fx-CG20 Series, fx-9750G Series and ClassPad Series.

Includes:
- CASIO Data Analyzer
- Temperature probe
- Optical probe
- Voltage probe
- Data communication cable: SB-62
- AC adaptor: AD-A60024
- Soft case
- Four AA-size alkaline batteries

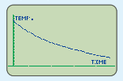
** Data trasfer to ClassPad Series is possible only via main 3-pin port, not via sub ports.*

System Configuration



Example of changing temperature data over time

(drop in temperature of hot water)



** ClassPad 330 Plus/ ClassPad 330/ fx-CG20/ fx-9860GⅡ SD/ fx-9860GⅡ / fx-9860G Slim/ fx-9860G SD/ fx-9860G/ fx-9750GⅡ / ClassPad 300 PLUS/ ClassPad 300/ ALGEBRA FX 2.0 PLUS/ FX 1.0 PLUS/ ALGEBRA FX 2.0/ FX 1.0/ CFX-9850GB PLUS/ CFX-9850GC PLUS/ CFX-9950GB PLUS/ fx-9750G/ fx-9750G PLUS/ fx-9750GA PLUS/ fx-7450G/ fx-7400G PLUS/ fx-7400GⅡ/ RM-ALGEBRA FX 2.0/ RM-ClassPad PLUS/ RM-7000/ RM-9000/ RM-9850Ga PLUS/ OH-ClassPad 330/ OH-ALGEBRA FX2.0/ OH-9000/ VI-9850Ga PLUS/ VI-9850GB PLUS*

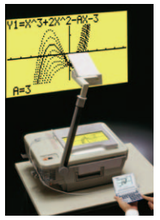
MOTION SENSOR Ⅱ

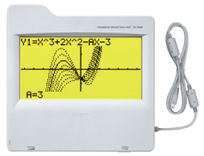
EA-2

*Supplies extremely limited

The EA-2 emits ultrasonic pulses and detects pulses returned as echoes from the target. It can be connected to the CASIO EA-200 Data Analyzer to accumulate and analyze data.

OHP Projection Unit





OH-9860

Makes lessons more interesting

Simply use a USB cable to connect an fx-9860GⅡ SD, fx-9860GⅡ, fx-9750GⅡ or fx-9860G Series calculator to the OH-9860 to project the contents of the calculator display. This option lets students or teachers connect and project for classroom presentations. All of this makes class activities more interesting and challenging, and improves student learning and understanding.

A powerful classroom presentation tool! OHP projects display contents onto a big screen!

OH-300ES PLUS
OH-300MS

- OH-300ES PLUS provides the same powerful functions as the fx-82ES PLUS/85ES PLUS/350ES PLUS.
- OH-300MS provides the same powerful functions as the fx-82MS/85MS/350MS.

Simply place this transparent option onto an OHP to project its image and explain both screen contents and key operations.

Graphic Scientific Calculator Projection Set

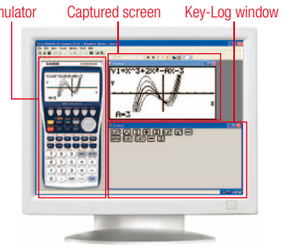
Simply place the supplied calculator onto an OHP unit to project screen contents onto a screen for easy viewing by everyone in the classroom. The calculator can be controlled remotely by a hand-held calculator.

All the functions of the ClassPad 330

OH-ClassPad 330 SET

Includes:
- Graphic scientific unit: OH-ClassPad 330 (same functions as ClassPad 330)
- Projection unit: OH-30
- Data transfer cable: SB-62
- PC-Link cable: USB
- Carrying bag

Software



fx-Manager Plus
- **FA-9860A Ver. 2.0 (Single License)**
- **FA-9860B Ver. 2.0 (School License)**

- fx-9860GⅡ SD, fx-9860GⅡ, fx-9750GⅡ or fx-9860G Series Calculator Emulation
  Mimics calculator operation using a computer mouse and keyboard.
- Copy and paste between the Spreadsheet application and Excel®
- Key-Log Editor
  Key-Log auto play of recorded key operations/Step playback
- Emulator LCD screen capture • Screen Receiver

System Requirements
- *Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit) , Windows® 7 (32-bit/64-bit)*
- *Others: Microsoft® Excel® 2000, Microsoft® Excel® 2003, or Microsoft® Excel® 2007*
- *USB port*
- *CD-ROM drive*
- *Display resolution: XGA or higher*

FA-124USB Data Communication Package

ClassPad Manager
for ClassPad Series Ver. 3
- **FA-CP330A (Single License)**
- **FA-CP330B (School License)**

- Laplace Transform/Fourier Transform
- Geometry Application • Financial Functions
- Differential Equation Graph Application
- Spreadsheet Application

System Requirements
- *Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit/64-bit)*
- *USB port*
- *CD-ROM drive*
- *Display resolution: XGA or higher*

FC EMULATOR
for FC-100V/FC-200V

Easy emulator image resizing
Easy LCD window resizing
Easy captured LCD image resizing

- Emulation of FC-100V/200V
  Emulation of FC-100V/200V calculator operation using your computer mouse and keyboard.
- Basic Key-Log (Copy and paste only)
- Emulator LCD screen image capture

System Requirements
- *Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit)*
- *CD-ROM drive*
- *Display resolution: XGA or higher*

fx-CG Manager PLUS NEW
for fx-CG Series
- **FA-CG1A Ver. 1.02 (Single License)**
- **FA-CG1B Ver. 1.02 (School License)**

- fx-CG20 Calculator Emulation
  Mimics fx-CG20 calculator operation using a computer mouse and keyboard
- Key-Log Editor
  Key-Log auto play of recorded key operations
- Step playback • Emulator LCD screen capture
- Screen Receiver

System Requirements
- *Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit) , Windows® 7 (32-bit/64-bit)*

** For Windows Vista, operation is supported for 32-bit versions only. 64-bit versions are not supported.*

fx-ES Emulator for fx-82ES Series

fx-ES PLUS Emulator
for fx-82ES PLUS Series

Easy emulator image resizing
Easy LCD window resizing
Easy captured LCD image resizing

- Emulation of fx-82ES Series and fx-82ES PLUS Series
  Emulation of fx-82ES Series and fx-82ES PLUS Series calculator operation using your computer mouse and keyboard.
- Emulator LCD screen image capture

System Requirements
- *Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit)*
- *CD-ROM drive*
- *Display resolution: XGA or higher*

Scientific Calculators Specification Table

		Graphic Models							Programmable Models	
		ClassPad 330 PLUS	ALGEBRA FX 2.0 PLUS	fx-9860GⅡ SD	fx-9860GⅡ	fx-CG20	fx-9750GⅡ	fx-7400GⅡ	fx-5800P	fx-50F PLUS fx-50FH
Specifications	Number of functions	—	Over 1,500	(Over 2,900)*6	(Over 2,900)*6	(Over 2,900)*6	(Over 2,800)	(Over 2,100)	664	406
	Power supply (Main)	AAA × 4 (Rechargeable battery support)	AAA × 4	AAA × 4	AAA × 4	AAA × 4 (Rechargeable battery support)	AAA × 4	AAA × 4	AAA × 1 (LR03)	Two-way power (Solar + LR44 × 1)
	Power supply (Backup)	—	CR2032 × 1	—	—	—	—	—	—	—
	Approximate battery life Main (hours)	140 (LR03)*1 100 (Rechargeable battery)*1	140 (R03)*2/ 230 (LR03)*2	200 (LR03)*1	200 (LR03)*1	140 (LR03)*1 85 (Rechargeable battery)*1	230 (LR03)*1	230 (LR03)*1	1 year*3	3 years (LR44)*3
	Approximate battery life Backup (years)	—	2	—	—	—	—	—	—	—
	Dimensions H×W×D (mm)	21 × 84 × 189.5	19.5 × 82 × 178	21.2 × 91.5 × 184	21.2 × 91.5 × 184	20.6 × 89.5 × 188.5	21.3 × 87.5 × 180.5	21.3 × 87.5 × 180.5	15.1 × 81.5 × 163	12.2 × 80 × 161
	Approximate weight (g)	260	213	225	220	230	205	205	150	105
	Case style	Snap-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Snap-on hard	Slide-on hard	Slide-on hard	Integrated hard	Slide-on hard
	Display	160 × 240 dots/ monochrome	64 × 128 dots/ monochrome	64 × 128 dots/ monochrome	64 × 128 dots/ monochrome	384 × 216 dots/ colour	64 × 128 dots/ monochrome	64 × 128 dots/ monochrome	31 × 96 dots/ monochrome	5 × 7 dots × 16 digits/ monochrome
	Display capacity (characters)	20 × 17	21 × 8	21 × 8	21 × 8	21 × 8	21 × 8	21 × 8	16	16
	Mantissa + exponent digits	10 + 3	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	●	●	●	●	●	●	●	—	—
	Internal operation digits	15	15	15	15	15	15	15	15	15
	Nested parentheses levels	Up to memory	26	26	26	26	26	26	26	24
Programming Functions	Program logic	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)
	Memory (bytes)	515,000	146,000	62,000	62,000	61,000	62,000	20,000	28,500	680
	Program areas	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	4
	Storage memory area (Flash memory)	5.5MB Flash ROM for eActivity, 6MB USB Flash Drive	768KB	1.5MB	1.5MB	16MB	—	—	—	—
	Built-in formulas	—	—	—	—	—	—	—	128	23
Utilities	Natural textbook display / NATURAL-V.P.A.M.	●	—	●	●	●	—	—	●	—
	Key rollover function	●	●	●	●	●	●	●	●	●
	Replay function	(History)	●	●	●	●	●	●	●	●
	Multi-replay functions	(History)	●	●	●	●	●	●	●	●
	Replay copy	—	—	—	—	—	—	—	—	—
	Backspace	●	—	●	●	●	●	●	●	●
	CALC function	—	—	—	—	—	—	—	●	—
	SOLVE function	●	●	●	●	●	●	●	●	—
	Answer function	●	●	●	●	●	●	●	●	●
	Variables	Up to memory	28	28	28	28	28	28	26 – 2398	7
	Auto power off	●	●	●	●	●	●	●	●	●
Special Features	Base-*n* calculations (Binary/Octal/Hexadecimal)	●	●	●	●	●	●	●	●	●
	Logical operations	●	●	●	●	●	●	●	●	●
	Engineering symbol calculations	—	●	●	●	●	●	●	●	—
	Engineering notation (ENG/ENG)	—	●	●	●	●	●	●	●	●
	Scientific constants	—	—	—	—	—	—	—	40	40
	Metric conversions	—	—	●	●	●	●	●	—	—
CAS	Computer Algebra System	●	●	—	—	—	—	—	—	—
Basic Functions	Trigonometric, inverse trigonometric (sin/cos/tan/$\sin^{-1}$/$\cos^{-1}$/$\tan^{-1}$)	●	●	●	●	●	●	●	●	●
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/$\sinh^{-1}$/$\cosh^{-1}$/$\tanh^{-1}$)	●	●	●	●	●	●	●	●	●
	Exponential, logarithmic (log, ln, 10^, e^)	●	●	●	●	●	●	●	●	●
	Base specified logarithmic	●	—	●	●	●	●	●	●	●
	Power and radical root (x^y / $x\sqrt{}$)	●	●	●	●	●	●	●	●	●
	Fraction	●	●	●	●	●	●	●	●	●
	Percentage calculation (%)	●	—	—	—	—	—	—	●	●
	Rounding	●	●	●	●	●	●	●	●	●
	Simplification	—	—	●	●	●	●	●	—	—
	Integer division	—	—	●	●	●	●	●	—	—
	GCD/LCM	●	●	●	●	●	●	●	—	—
	Sexagesimal ↔ decimal	●	●	●	●	●	●	●	●	●
	Display format (FIX, SCI)	●	●	●	●	●	●	●	●	●
	Angle unit (Deg, Rad, Grad)	●	●	●	●	●	●	●	●	●
	Angle unit conversion (Deg, Rad, Grad)	● / ● / —	●	●	●	●	●	●	●	●
	Factorization into prime factors	●	—	—	—	—	—	—	—	—
	Ratio calculation	—	—	—	—	—	—	—	—	—
Calculus	Differentiation calculation	●	●	●	●	●	●	●	●	—
	Integration calculation	●	●	●	●	●	●	●	●	—
Algebra	Simultaneous equation	●	● (30 unknowns)	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)	● (5 unknowns)	—
	Polynomial equation	●	● (Degree 2–30)	● (Degree 2-6)	● (Degree 2-6)	● (Degree 2-6)	● (Degree 2-6)	● (Degree 2-6)	● (Degree 2, 3)	—
	Inequality calculation	●	—	—	—	—	—	—	—	—
	Table function	●	●	●	●	●	●	●	●	—
	Matrix calculations	●	●	●	●	●	●	—	●	—
	Complex number calculation	●	●	●	●	●	●	●	●	●
Geometry	Geometry application	●	—	● (Preloaded)	● (Preloaded)	● (Preloaded)	—	—	—	—
	Coordinate conversion (Pol, Rec)	●	●	●	●	●	●	●	●	●
	Vector calculations	●	—	—	—	—	—	—	—	—
Probability	Combination, permutation (*n*C*r*, *n*P*r*)	●	●	●	●	●	●	●	●	●
Statistics	Random numbers	●	●	●	●	●	●	●	●	●
	Random integers	●	—	●	●	●	●	●	—	—
	List-based STAT data editor	●	●	●	●	●	●	●	●	●
	Standard deviation	●	●	●	●	●	●	●	●	●
	Regression analysis	●	●	●	●	●	●	●	●	●
	Linear regression	●	●	●	●	●	●	●	●	●
	ab exponential regression	●	—	●	●	●	●	●	●	—
	Advanced statistics	●	●	●	●	●	●	—	—	—
	Other regressions	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad
Finance	Financial functions	●	●	●	●	●	●	—	—	—
Spreadsheet	Spreadsheet	●	—	●	●	●	—	—	—	—
Others	eActivity	●	—	●	●	●	—	—	—	—
	Data communication	●	●	●	●	●	●	●	●	—
	Others	Picture, Presentation, 3D Graph, DiffEq Graph, DPJ direct connection, Mass storage, Screen Receiver	Recursions	Recursions, Backlight display	Recursions, Backlight display	Recursions, Graphical colour display, Color Link, Picture Plot	Recursions	—	Recursions	—

*1 Continuous operation (assuming 5 minutes calculation and 55 minutes display per hour) *2 Continuous display of main menu *3 1 hour use per day *4 Continuous display of flashing cursor *5 When left with power turned off *6 Changes when OS is updated

Scientific Calculators Specification Table

		Programmable Models			Standard Models					
		fx-3650P	fx-3950P	fx-4500PA	fx-82ES PLUS	fx-85ES PLUS	fx-350ES PLUS	fx-95ES PLUS	fx-570ES PLUS	fx-991ES PLUS
Specifications	Number of functions	279	279	242	252	252	252	274	417	417
	Power supply (Main)	Two-way power (Solar + LR44 × 1)	LR44 × 1	CR2032 × 1	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)	AAA × 1 (LR03)	AAA × 1 (R03)	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)
	Power supply (Backup)	—	—	CR2032 × 1	—	—	—	—	—	—
	Approximate battery life Main (hours)	3 years (LR44)*3	9,000*4/ 3 years*5	5,000*4	17,000*4	3 years (LR44)*3	8,700*1	17,000*4	17,000*4	3 years (LR44)*3
	Approximate battery life Backup (years)	—	—	2	—	—	—	—	—	—
	Dimensions H×W×D(mm)	11.8 × 80 × 159	11.8 × 80 × 159	9.9 × 73 × 141.5	13.8 × 80 × 162	11.1 × 80 × 162	13.8 × 80 × 162	13.8 × 80 × 162	13.8 × 80 × 162	11.1 × 80 × 162
	Approximate weight (g)	100	100	85	100	95	100	100	100	95
	Case style	Snap-on hard	Snap-on hard	Wallet	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
	Dot matrix display	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 7 dots × 12 digits	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots
	Display capacity (characters)	12	12	12	15	15	15	15	15	15
	Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	—	—	—	—	—	—	—	—	—
	Internal operation digits	12	12	12	15	15	15	15	15	15
	Nested parentheses levels	24	24	24	24	24	24	24	24	24
Programming Functions	Program logic	●	●	●	—	—	—	—	—	—
	Memory (bytes)	360	360	1,103	—	—	—	—	—	—
	Program areas	4	4	Up to memory	—	—	—	—	—	—
	Storage memory area (Flash memory)	—	—	—	—	—	—	—	—	—
	Built-in formulas	—	—	—	—	—	—	—	—	—
Utilities	Natural textbook display / NATURAL-V.P.A.M.	—	—	—	●	●	●	●	●	●
	Key rollover function	●	●	●	●	●	●	●	●	●
	Replay function	●	●	●	●	●	●	●	●	●
	Multi-replay functions	●	●	—	●	●	●	●	●	●
	Replay copy	—	—	—	—	—	—	—	—	—
	Backspace	●	●	●	●	●	●	●	●	●
	CALC function	—	—	●	—	—	—	—	●	●
	SOLVE function	—	—	—	—	—	—	—	●	●
	Answer function	●	●	●	●	●	●	●	●	●
	Variables	7	7	26 – 163	9	9	9	9	9	9
	Auto power off	●	●	●	●	●	●	●	●	●
Special Features	Base-*n* calculations (Binary/Octal/Hexadecimal)	●	●	●	—	—	—	—	●	●
	Logical operations	●	●	●	—	—	—	—	●	●
	Engineering symbol calculations	—	—	●	—	—	—	—	—	—
	Engineering notation (ENG/ĒNG)	●	●	●	●	●	●	●	●	●
	Scientific constants	—	—	—	—	—	—	—	40	40
	Metric conversions	—	—	—	—	—	—	—	40	40
CAS	Computer Algebra System	—	—	—	—	—	—	—	—	—
Basic Functions	Trigonometric, inverse trigonometric (sin/cos/tan/$\sin^{-1}$/$\cos^{-1}$/$\tan^{-1}$)	●	●	●	●	●	●	●	●	●
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/$\sinh^{-1}$/$\cosh^{-1}$/$\tanh^{-1}$)	●	●	●	●	●	●	●	●	●
	Exponential, logarithmic (log, ln, 10^x, e^x)	●	●	●	●	●	●	●	●	●
	Base specified logarithmic	—	—	—	●	●	●	●	●	●
	Power and radical root (x^y/$\sqrt[x]{\ }$)	●	●	●	●	●	●	●	●	●
	Fraction	●	●	●	●	●	●	●	●	●
	Percentage calculation (%)	●	●	●	●	●	●	●	●	●
	Rounding	●	●	●	●	●	●	●	●	●
	Simplification	—	—	—	—	—	—	—	—	—
	Integer division	—	—	—	—	—	—	—	—	—
	GCD/LCM	—	—	—	—	—	—	—	—	—
	Sexagesimal ↔ decimal	●	●	●	●	●	●	●	●	●
	Display format (FIX, SCI)	●	●	●	●	●	●	●	●	●
	Angle unit (Deg, Rad, Grad)	●	●	●	●	●	●	●	●	●
	Angle unit conversion (Deg, Rad, Grad)	●	●	—	●	●	●	●	●	●
	Factorization into prime factors	—	—	—	●	●	●	●	—	—
	Ratio calculation	—	—	—	—	—	—	●	—	—
Calculus	Differentiation calculation	●	●	—	—	—	—	—	●	●
	Integration calculation	●	●	●	—	—	—	—	●	●
Algebra	Simultaneous equation	—	—	—	—	—	—	● (3 unknowns)	● (3 unknowns)	● (3 unknowns)
	Polynomial equation	—	—	—	—	—	—	● (Degree 2, 3)	● (Degree 2, 3)	● (Degree 2, 3)
	Inequality calculation	—	—	—	—	—	—	●	—	—
	Table function	—	—	—	●	●	●	●	●	●
	Matrix calculations	—	—	—	—	—	—	—	●	●
	Complex number calculation	●	●	—	—	—	—	—	●	●
Geometry	Geometry application	—	—	—	—	—	—	—	—	—
	Coordinate conversion (Pol, Rec)	●	●	●	●	●	●	●	●	●
	Vector calculations	—	—	—	—	—	—	—	●	●
Probability	Combination, permutation (*n*Cr, *n*Pr)	●	●	●	●	●	●	●	●	●
Statistics	Random numbers	●	●	●	●	●	●	●	●	●
	Random integers	—	—	—	●	●	●	●	●	●
	List-based STAT data editor	●	●	—	●	●	●	●	●	●
	Standard deviation	●	●	●	●	●	●	●	●	●
	Regression analysis	●	●	●	●	●	●	●	●	●
	Linear regression	●	●	●	●	●	●	●	●	●
	ab exponential regression	—	—	—	●	●	●	●	●	●
	Advanced statistics	—	—	—	—	—	—	—	—	—
	Other regressions	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	—	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad
Finance	Financial functions	—	—	—	—	—	—	—	—	—
Spreadsheet	Spreadsheet	—	—	—	—	—	—	—	—	—
Others	eActivity	—	—	—	—	—	—	—	—	—
	Data communication	—	—	—	—	—	—	—	—	—
	Others	—	—	—	—	—	—	—	—	—

*1 Continuous operation (assuming 5 minutes calculation and 55 minutes display per hour) *2 Continuous display of main menu *3 1 hour use per day *4 Continuous display of flashing cursor *5 When left with power turned off *6 Changes when OS is updated

Scientific Calculators Specification Table

		Standard Models							
		fx-82MS	fx-85MS	fx-350MS	fx-95MS	fx-100MS	fx-115MS	fx-991MS	fx-570MS
Specifications	Number of functions	240	240	240	244	300	300	401	401
	Power supply (Main)	AA × 1	Two-way power (Solar + LR44 × 1)	LR44 × 1	AA × 1	AA × 1	Two-way power (Solar + LR44 × 1)	Two-way power (Solar + LR44 × 1)	LR44 × 1
	Power supply (Backup)	—	—	—	—	—	—	—	—
	Approximate battery life Main (hours)	17,000*4/ 2 years*5	3 years (LR44)*3	9,000*4/ 3years*5	17,000*4/ 2 years*5	17,000*4/ 2 years*5	3 years (LR44)*3	3 years (LR44)*3	9,000*4/ 3 years*5
	Approximate battery life Backup (years)	—	—	—	—	—	—	—	—
	Dimensions H×W×D(mm)	18.6 × 85 × 156	12.2 × 85 × 155	12.2 × 85 × 155	19.5 × 78 × 155	20 × 78 × 155	12.7 × 78 × 154.5	12.7 × 78 × 154.5	12.7 × 78 × 154.5
	Approximate weight (g)	125	100	100	130	133	105	105	105
	Case style	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
	Dot matrix display	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits
	Display capacity (characters)	12	12	12	12	12	12	12	12
	Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	—	—	—	—	—	—	—	—
	Internal operation digits	15	15	15	12	12	12	12	12
	Nested parentheses levels	24	24	24	24	24	24	24	24
Programming Functions	Program logic	—	—	—	—	—	—	—	—
	Memory (bytes)	—	—	—	—	—	—	—	—
	Program areas	—	—	—	—	—	—	—	—
	Storage memory area (Flash memory)	—	—	—	—	—	—	—	—
	Built-in formulas	—	—	—	—	—	—	—	—
Utilities	Natural textbook display / NATURAL-V.P.A.M.	—	—	—	—	—	—	—	—
	Key rollover function	●	●	●	●	●	●	●	●
	Replay function	●	●	●	●	●	●	●	●
	Multi-replay functions	●	●	●	●	●	●	●	●
	Replay copy	—	—	—	—	●	●	●	●
	Backspace	●	●	●	●	●	●	●	●
	CALC function	—	—	—	—	●	●	●	●
	SOLVE function	—	—	—	—	●	●	●	●
	Answer function	●	●	●	●	●	●	●	●
	Variables	9	9	9	9	9	9	9	9
	Auto power off	●	●	●	●	●	●	●	●
Special Features	Base-*n* calculations (Binary/Octal/Hexadecimal)	—	—	—	—	●	●	●	●
	Logical operations	—	—	—	—	●	●	●	●
	Engineering symbol calculations	—	—	—	—	●	●	●	●
	Engineering notation (ENG/ĒNG)	●	●	●	●	●	●	●	●
	Scientific constants	—	—	—	—	—	—	40	40
	Metric conversions	—	—	—	—	—	—	40	40
CAS	Computer Algebra System	—	—	—	—	—	—	—	—
Basic Functions	Trigonometric, inverse trigonometric (sin/cos/tan/$\sin^{-1}$/$\cos^{-1}$/$\tan^{-1}$)	●	●	●	●	●	●	●	●
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/$\sinh^{-1}$/$\cosh^{-1}$/$\tanh^{-1}$)	●	●	●	●	●	●	●	●
	Exponential, logarithmic (log, ln, 10^x, e^x)	●	●	●	●	●	●	●	●
	Base specified logarithmic	—	—	—	—	—	—	—	—
	Power and radical root (x^y/$\sqrt[x]{\ }$)	●	●	●	●	●	●	●	●
	Fraction	●	●	●	●	●	●	●	●
	Percentage calculation (%)	●	●	●	●	●	●	●	●
	Rounding	●	●	●	●	●	●	●	●
	Simplification	—	—	—	—	—	—	—	—
	Integer division	—	—	—	—	—	—	—	—
	GCD/LCM	—	—	—	—	—	—	—	—
	Sexagesimal ↔ decimal	●	●	●	●	●	●	●	●
	Display format (FIX, SCI)	●	●	●	●	●	●	●	●
	Angle unit (Deg, Rad, Grad)	●	●	●	●	●	●	●	●
	Angle unit conversion (Deg, Rad, Grad)	●	●	●	●	●	●	●	●
	Factorization into prime factors	—	—	—	—	—	—	—	—
	Ratio calculation	—	—	—	—	—	—	—	—
Calculus	Differentiation calculation	—	—	—	—	●	●	●	●
	Integration calculation	—	—	—	—	●	●	●	●
Algebra	Simultaneous equation	—	—	—	● (3 unknowns)	● (3 unknowns)	● (3 unknowns)	● (3 unknowns)	● (3 unknowns)
	Polynomial equation	—	—	—	● (Degree 2, 3)	● (Degree 2, 3)	● (Degree 2, 3)	● (Degree 2, 3)	● (Degree 2, 3)
	Inequality calculation	—	—	—	—	—	—	—	—
	Table function	—	—	—	—	—	—	—	—
	Matrix calculations	—	—	—	—	—	—	●	●
	Complex number calculation	—	—	—	—	●	●	●	●
Geometry	Geometry application	—	—	—	—	—	—	—	—
	Coordinate conversion (Pol, Rec)	●	●	●	●	●	●	●	●
	Vector calculations	—	—	—	—	—	—	●	●
Probability	Combination, permutation (*n*Cr, *n*Pr)	●	●	●	●	●	●	●	●
Statistics	Random numbers	●	●	●	●	●	●	●	●
	Random integers	—	—	—	—	—	—	—	—
	List-based STAT data editor	●	●	●	●	●	●	●	●
	Standard deviation	●	●	●	●	●	●	●	●
	Regression analysis	●	●	●	●	●	●	●	●
	Linear regression	●	●	●	●	●	●	●	●
	ab exponential regression	—	—	—	—	—	—	—	—
	Advanced statistics	—	—	—	—	—	—	—	—
	Other regressions	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad
Finance	Financial functions	—	—	—	—	—	—	—	—
Spreadsheet	Spreadsheet	—	—	—	—	—	—	—	—
Others	eActivity	S-V.P.A.M.	S-V.P.A.M.	S-V.P.A.M.	S-V.P.A.M.	S-V.P.A.M., Normal distribution	S-V.P.A.M., Normal distribution	S-V.P.A.M., Normal distribution	S-V.P.A.M., Normal distribution
	Data communication								
	Others								

PRACTICAL CALCULATORS

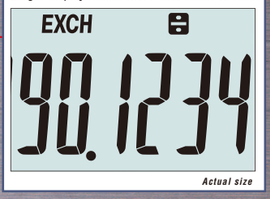
Designed and engineered for performance.

HEAVY DUTY Calculator

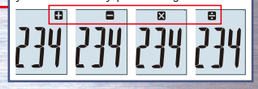
What makes a CASIO "HEAVY DUTY Calculator"?

TWP (Two-Way Power)
Solar powered when light is sufficient, battery powered when light is insufficient.

Extra Large Display
Larger display makes more data easier to read.



Function Command Signs
A symbol (+, −, ×, ÷) on the display indicates the status of the operation you are currently performing.



Heavy-duty Durable Keys
Keys are produced by injecting plastic of two different colours. Key markings are plastic, which means they do not wear or fade with use.

*JS-140TVS/120TVS: Excluding the M/EX, TAX+ and TAX− keys.

A tilt display with adjustable angle for ease of viewing *JS-140TVS/120TVS only
The tilt display ensures ease of viewing.

Silent Touch Keys
Keys are specially designed for silent operation when compared to previous CASIO calculators to help maintain a more pleasant working environment.

Key Rollover
Key operations are stored in a buffer so that nothing is lost even during high-speed input.

Key Layout and Key Cap Shape
Keys are ergonomically shaped and configured to match natural finger movements.

Large Rubber Feet
Large rubber feet on the bottom of the calculator keep it from slipping during operation.

A slim, flat body for excellent portability *JS-140TVS/120TVS only
This slim, flat calculator, just 10mm thick, rests comfortably in the hand and fits easily in a bag or briefcase.

* Photos show JS-140TVS calculator and display.

Desk-Top Type

DS-3TS 14 DIGITS

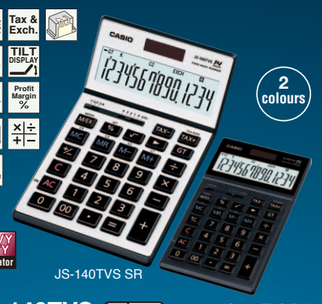
DS-2TS 12 DIGITS
DS-2TS GD

DS-1TS 10 DIGITS
DS-1TS GD

DS-2TS GD

Compact Desk Type

These elegantly designed calculators feature a thin, highly portable body.



JS-140TVS SR

JS-140TVS 14 DIGITS

JS-140TVS BK

JS-120TVS SR

JS-120TVS 12 DIGITS

JS-120TVS BK

JS-40TS 14 DIGITS

JS-20TS 12 DIGITS **JS-10TS** 10 DIGITS

Model	Digits	Independent memory	GT	%	Profit margin %	☑	+/−	▶	3-digit comma markers	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
DS-3TS	14	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	47.8×148×194	310
DS-2TS	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	47.8×148×194	310
DS-1TS	10	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	47.8×148×194	310
JS-140TVS	14	○	○	○	○	○	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	10×107×179	205
JS-120TVS	12	○	○	○	○	○	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	10×107×179	205
JS-40TS	14	○	○	○	○	○	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	24.2×107×174.5	205
JS-20TS	12	○	○	○	○	○	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	24.2×107×174.5	205
JS-10TS	10	○	○	○	○	○	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	24.2×107×174.5	205

Packed with special-purpose features.

Check Calculator

DJ-240D 14 DIGITS
DJ-220D 12 DIGITS

DJ-120D 12 DIGITS

JJ-120D 12 DIGITS

MJ-120D 12 DIGITS
MJ-100D 10 DIGITS

150 Steps Check

Review and Auto Review
The calculator stores up to 150 steps in memory, which you can scroll through using the ▲ and ▼ keys.

Review up to 150 calculation steps.

Example: 123+456+ ····· -321=149765
Step 1 Step 2 Step 149 Step 150

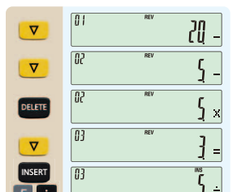
AUTO REVIEW **Auto Review by pressing one single button!**

Insert / Delete *DJ-240D / DJ-220D only

INSERT DELETE **Add steps to or delete steps from a calculation.**

You can add steps to or delete steps from Calculation Memory. Note that if the number of steps in Calculation Memory exceeds 150, you will not be able to review them later.

Example
Current calculation: (20−5−5)×3=30
Revised calculation: (20−5)×5÷3=25



Answer Memory *DJ-240D / DJ-220D only

ANS/CHECK Recall a previous calculation result and use it in the next calculation!

Double Check *DJ-240D / DJ-220D only

ANS/CHECK Compare the results of two calculations!

Go to

GO TO Jump to a particular calculation step by pressing one single button.

Simple, easy operation

GO TO **Press the GO TO Key.** → **Display is cleared.** → 1 2 3 **Enter the number of the step you want to view.** → GO TO **Press GO TO again to jump to the step you specified.**

Correct

CORRECT While reviewing a calculation, you can make changes in values and operators and re-execute to obtain a new result.

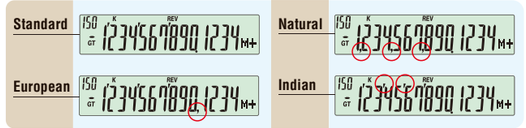
Other useful features!

GT **Grand total** (Excluding MJ-120D, MJ-100D)
Automatic totalization of the results of different calculations.

Localized Number Display

Supports local digit separator formats

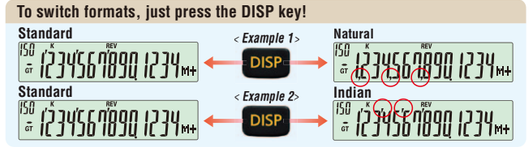
Choose from four digit separator formats (Standard, European, Natural, and Indian) and choose a comma or period as the decimal point. Configure your preferred display format to prevent calculation errors and increase convenience.



One-touch switching between digit separator formats

DISP Preselect two digit separator formats and switch between them according to the task.

To switch formats, just press the DISP key!



* The LCD examples are from a DJ-240D.

Model	Digits	Independent memory	GT	%	Profit margin %	MU	☑	+/−	▶	3-digit comma markers	Tax calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Others
DJ-240D/220D	14/12	○	○	○	○	—	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	38×146×219	285	150 STEPS CHECK & Localized Number Display
DJ-120D	12	○	○	○	—	○	○	○	○	○	—	○	○	○	0,1,2,3,4	○	Two-way power	35×140×191	205	150 STEPS CHECK & Localized Number Display
JJ-120D	12	○	○	○	—	○	○	○	○	○	—	○	○	—	0,1,2,3,4	○	Two-way power	25.2×107×178.5	140	150 STEPS CHECK & Localized Number Display
MJ-120D/100D	12/10	○	—	○	—	○	○	○	○	○	○	—	—	—	—	—	Two-way power	30.1×123×140	130	150 STEPS CHECK & Localized Number Display

Packed with special-purpose features.

Dual Display Calculator

Desk-Top Type 12 DIGITS
DV-220
⊕ 12 DIGITS

Compact Desk Type 12 DIGITS
JV-220
⊕ 12 DIGITS

Mini Desk Type 10 DIGITS
MV-210
⊕ 10 DIGITS

The calculator with large and small LCD displays for easier operation.

NOTE

Press these keys to copy values from one display to the other for future reference.

There's no need to jot down numbers on paper.

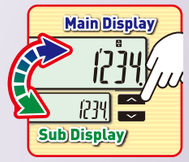
Dual Calculation

DUAL CALC

Press this key to jump between displays to perform two different calculations simultaneously.

Assistant Display Function

Use the two displays to view tax calculation, currency conversion, and cost/sell/margin calculation results.



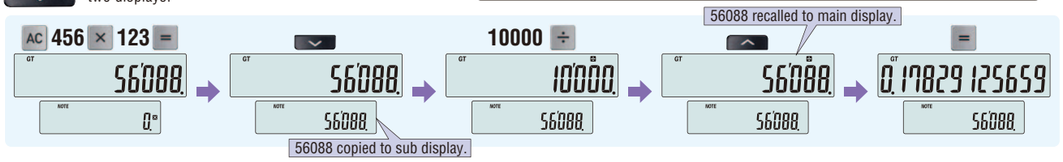
〈Patent Pending〉

What You Can Do with a Dual Display

NOTE

Copy a value from the main display to the sub display for later reference. A copied value can be moved between the two displays.

Example *Perform the calculation* **456×123** *on the main display and copy the result* **(56088)** *to the sub display. Next, recall the result back to the main display to perform the calculation* **10000÷56088**.

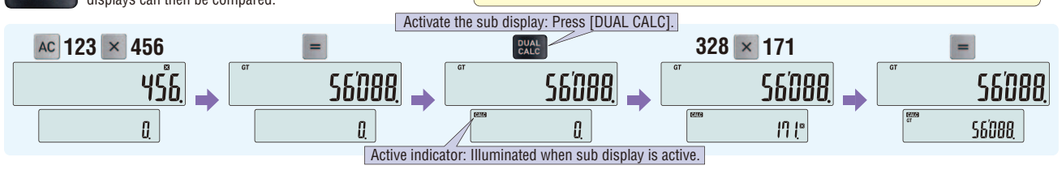


Dual Calculation

DUAL CALC

Independent calculations can be performed simultaneously on the main display and sub display. The results on the two displays can then be compared.

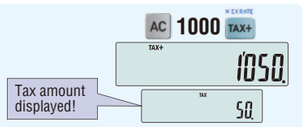
Example *On the main display:* **123×456** *On the sub display:* **328×171**



Assistant Display Function

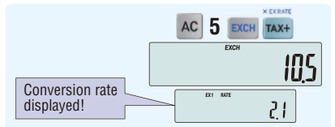
Tax Calculations

During tax calculations, the sub display shows the tax amount. (Example below shows calculation with a tax rate of 5%.)



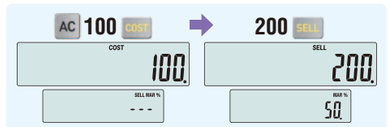
Currency Conversion Calculations

The main display shows the conversion result, while the sub display shows the conversion rate. Two displays allow both values to be viewed simultaneously.



Cost/Sell/Margin Calculations

The result of a cost/sell/margin calculation is shown on the sub display. Two displays allow confirmation of both values.



Model	Digits	Independent memory	Cost/ Sell/ Margin	GT	%	Profit margin %	+/–	▶	3-digit comma markers	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
DV-220	12	○NOTE	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	35.4×135.5×187	255
JV-220	12	○NOTE	○	○	○	○	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	26.5×107×180.5	195
MV-210	10	○NOTE	○	○	○	○	○	○	○	○	○	—	—	—	—	—	Two-way power	31.5×111×146	160

Water-protected and Dust-proof Calculator

Durability and endurance for professional and general users

• Complies with IEC 60529 IP 54 (water protect and dust proof)

Desk-Top Type
WD-220T 12 DIGITS

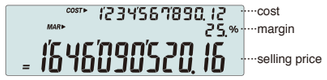
Mini Desk Type WM-220T
WM-220T 12 DIGITS
WM-200T 10 DIGITS

3-Line Display Calculator

Cost, Selling Price, and Margin Calculations

For Shopkeepers & Traders

Perform the operations shown below to calculate cost, selling price, and margin.



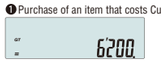
Change Calculations (DF-320TM only)

For Retailers, Restaurants, and Bars

Use the procedure shown to calculate change.
The calculation result is obtained in accordance with the current rounding setting.

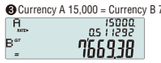
Example

❶ Purchase of an item that costs Currency B 6,200

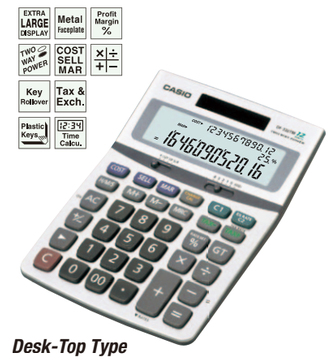


❷ Payment of Currency A 15,000

❸ Currency A 15,000 = Currency B 7,669.38



❹ Change in Currency B = 1,469.38

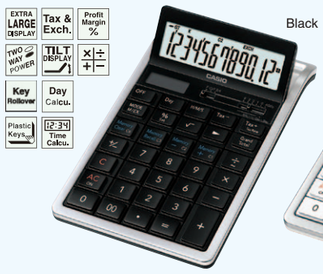


Desk-Top Type
DF-320TM 12 DIGITS

Mini Desk Type
MS-310TM 10 DIGITS

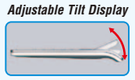
Dress up your desktop with your favorite design.

The Designer Calculator



Compact Desk Type
RT-7000 12 DIGITS

Adjustable Tilt Display



Freely adjustable display angle

Model	Digits	Inde-pendent memory	Cost/ Sell/ Margin	GT	%	Profit margin %	√	+/–	▶	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Others
WD-220T	12	○	—	○	○	○	○	○	○	○	○	○	—	—	—	—	—	—	Two-way power	34×139×187.5	255	—
WM-220T/200T	12/10	○	—	—	○	○	○	○	○	○	○	○	—	—	—	—	—	—	Two-way power	34.6×104×153.5	135	—
DF-320TM	12	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	32.3×124×179.5	200	—
MS-310TM	10	○	○	—	○	○	—	○	—	○	—	○	—	○	○	○	0,1,2,3,4	○	Two-way power	30×103×156	120	—
RT-7000	12	○	—	○	○	○	○	○	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	19.7×108.5×180	250	Day/Date Calculations

Dress up your desktop with your favorite design.

Stylish Calculator

We designed a series of calculators that are stylish down to the smallest detail to express a clear product identity and premium appearance.

EXTRA LARGE DISPLAY · TAX · ×÷ +− · TWO WAY POWER · TILT DISPLAY · Key Rollover · Profit Margin % · Plastic Keys · Metal Faceplate · COST SELL MAR

Black
DW-200TW-BK

White
DW-200TW-WE

Red
DW-200TW-RD

Blue
DW-200TW-BU

Green
DW-200TW-GN

Pink
DW-200TW-PK

Gold
DW-200TW-GD

Desk-Top Type **DW-200TW** 12 DIGITS NEW

EXTRA LARGE DISPLAY · Tax & Exch. · ×÷ +− · TWO WAY POWER · TILT DISPLAY · Key Rollover · Profit Margin % · Plastic Keys · Metal Faceplate

Black
JW-200TW-BK

White
JW-200TW-WE

Red
JW-200TW-RD

Blue
JW-200TW-BU

Green
JW-200TW-GN

Pink
JW-200TW-PK

Gold
JW-200TW-GD

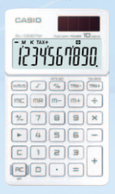
Compact Desk Type **JW-200TW** 12 DIGITS NEW

Colour pairs create a more modern impression.

To accentuate the main colours used for the aluminum panel, we chose similar colours of slightly different shades for the plastic case.

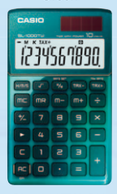
EXTRA LARGE DISPLAY · TAX · TWO WAY POWER · 12:34 Time Calcu. · Key Rollover · Profit Margin % · Plastic Keys · ×÷ +− · Metal Faceplate

Black
SL-1000TW-BK


White
SL-1000TW-WE

Red
SL-1000TW-RD

Blue
SL-1000TW-BU


Green
SL-1000TW-GN

Pink
SL-1000TW-PK

Gold
SL-1000TW-GD

Portable Type **SL-1000TW** 10 DIGITS NEW

Model	Digits	Inde-pendent memory	GT	%	Profit margin %	✓	+/−	▶	3-digit comma markers	Time calcu-lation	Tax calcu-lation	Exchange calcu-lation	Cost/Sell/ Margin	5/4	Cut	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case
DW-200TW	12	○	○	○	○	—	○	○	○	—	○	—	○	○	○	0,1,2,3,4	○	Two-way power	32.7×122.5×177.5	195	—
JW-200TW	12	○	○	○	○	○	○	○	○	—	○	○	—	○	○	0,1,2,3,4	○	Two-way power	26.1×107×178.5	170	—
SL-1000TW	10	○	—	○	○	○	○	○	○	○	○	—	—	—	—	—	—	Two-way power	8.5×70×118.5	60	Wallet

A choice of colours to suit your style.

My Colour Selection

EXTRA LARGE DISPLAY · TAX · TWO WAY POWER · 12:34 Time Calcu. · Key Rollover · Profit Margin % · Plastic Keys · ×÷ +−

Sweet Pink
MS-10VC-PK

Aqua Blue
MS-10VC-BE

Fresh Yellow
MS-10VC-YW

Mystic Purple
MS-10VC-PL

Pure Black
MS-10VC-BK

Ice White
MS-10VC-WE

Baby Leaf Green
MS-10VC-GN

Radish Red
MS-10VC-RD

Carrot Orange
MS-10VC-OE

Peppermint Blue
MS-10VC-BU

Mini Desk Type **MS-10VC** 10 DIGITS

EXTRA LARGE DISPLAY · TAX · TWO WAY POWER · 12:34 Time Calcu. · Key Rollover · Profit Margin % · Plastic Keys · ×÷ +−

Sweet Pink
SL-300VC-PK

Aqua Blue
SL-300VC-BE

Fresh Yellow
SL-300VC-YW

Mystic Purple
SL-300VC-PL

Pure Black
SL-300VC-BK

Ice White
SL-300VC-WE

Baby Leaf Green
SL-300VC-GN

Radish Red
SL-300VC-RD

Carrot Orange
SL-300VC-OE

Peppermint Blue
SL-300VC-BU

Portable Type **SL-300VC** 8 DIGITS

LARGE DISPLAY · Profit Margin % · TWO WAY POWER · ×÷ +− · Key Rollover · TAX

Carrot Orange
SL-100VC-OE

Peppermint Blue
SL-100VC-BU

Portable Type **SL-100VC** 8 DIGITS

LARGE DISPLAY · TAX · TWO WAY POWER · Profit Margin % · Key Rollover · ×÷ +− · Plastic Keys

Fresh Yellow
MS-6VC-YW

Radish Red
MS-6VC-RD

Peppermint Blue
MS-6VC-BU

Baby Leaf Green
MS-6VC-GN

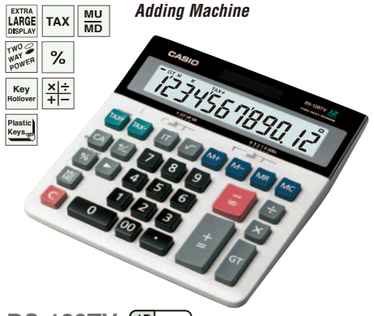
Mini Desk Type **MS-6VC** 8 DIGITS

Model	Digits	Independent memory	%	Profit margin %	✓	+/−	▶	3-digit comma markers	Time calculation	Tax calculation	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case
MS-10VC	10	○	○	○	○	○	○	○	○	○	Two-way power	26.2×105.5×144	100	—
SL-300VC	8	○	○	○	○	○	—	○	○	○	Two-way power	8×70×118.5	50	Wallet
SL-100VC	8	○	○	○	—	○	○	○	—	○	Two-way power	Ⓕ13.5×91×55 Ⓤ9.4×91×110.5	55	—
MS-6VC	8	○	○	○	—	○	○	○	—	○	Two-way power	19.2×87×120.5	70	—

Ⓕ Folded Ⓤ Unfolded

Desk-Top Type

Adding Machine



DS-120TV 12 DIGITS

DM-1200S 12 DIGITS

DM-1600S 16 DIGITS

DM-1400S 14 DIGITS

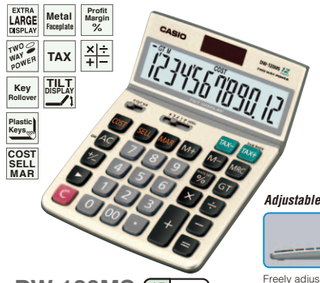
DM-1200MS 12 DIGITS

D-60L

D-60L 16 DIGITS
D-40L 14 DIGITS
D-20L 12 DIGITS

D-120S 12 DIGITS

DF-120MS 12 DIGITS



Adjustable Tilt Display

Freely adjustable display angle

DW-120MS 12 DIGITS

Easy calculation of cost, selling price and margin.

DM-1200MS / DF-120MS / DW-120MS / JF-120MS / JW-120MS / MS-120MS / MS-100MS

COST SELL MAR

Cost

What is the cost of an item that sells for $150 after a 30% margin is added?

1. AC 150 SELL → 150.
2. 30 MAR → 30.
3. MAR → 45.
4. COST → 105.

Selling Price

What would the selling price be for an item that costs $120 after a 40% margin is added?

1. AC 120 COST → 120.
2. 40 MAR → 40.
3. MAR → 80.
4. SELL → 200.

Margin

What is the margin on an item that costs $1,000 and sells for $2,000?

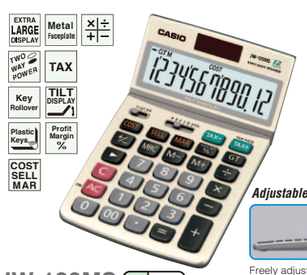
1. AC 1 00 0 COST → 1'000.
2. 2 00 0 SELL → 2'000.
3. MAR → 50.

Model	Digits	Adding machine	Independent memory	Cost/ Sell/ Margin	GT	%	Profit margin %	MU	MD	✓	+/−	▶	3-digit comma markers	Tax calcu-lation	Exchange calcu-lation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
DS-120TV	12	○	—	—	○	○	—	○	○	○	○	○	○	○	—	○	○	○	0,1,2,3,4	○	Two-way power	40.9×184×186	300
DM-1200S	12	—	2	—	—	○	○	—	—	—	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	34.5×155×210	230
DM-1600S	16	—	2	—	—	○	○	—	—	—	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	35.5×155×210	270
DM-1400S	14	—	2	—	—	○	○	—	—	—	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	35.5×155×210	270
DM-1200MS	12	—	○	○	○	○	○	—	—	—	○	○	○	○	—	○	○	—	0,1,2,3,4	○	Two-way power	35.5×155×210	265
D-60L	16	—	○	—	—	○	—	○	—	○	○	○	○	—	—	○	○	○	0,1,2,4	○	Two-way power	32×151×158	195
D-40L	14	—	○	—	○	○	—	○	—	○	○	○	○	—	—	○	○	○	0,1,2,4	○	Two-way power	32×151×158	195
D-20L	12	—	○	—	○	○	—	○	—	○	○	○	○	—	—	○	○	○	0,1,2,4	○	Two-way power	32×151×158	195
D-120S	12	—	○	—	○	○	○	—	—	—	○	○	○	○	○	○	○	—	0,1,2,3,4	○	Two-way power	35×126×175	170
DF-120MS	12	—	○	○	○	○	○	—	—	—	○	○	○	○	—	○	○	—	0,1,2,3,4	○	Two-way power	35.7×122.5×174.5	180
DW-120MS	12	—	○	○	○	○	○	—	—	—	○	○	○	○	—	○	○	—	0,1,2,3,4	○	Two-way power	32.7×122.5×177.5	195

Compact Desk Type

J-120S 12 DIGITS

JF-120MS 12 DIGITS



Adjustable Tilt Display

Freely adjustable display angle

JW-120MS 12 DIGITS

Mini Desk Type

MS-470V 14 DIGITS

MS-120MS

MS-120MS 12 DIGITS
MS-100MS 10 DIGITS

MS-80S 8 DIGITS

MS-20S

MS-20S 12 DIGITS
MS-10S 10 DIGITS

MS-8S 8 DIGITS

MS-270TV

MS-270TV 12 DIGITS
MS-170TV 10 DIGITS

MS-7TV 8 DIGITS

BK (Black)

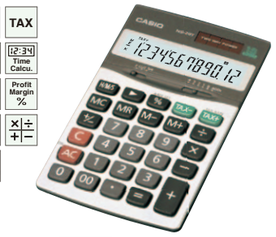
WE (White)

MW-8V 8 DIGITS

BK (Black)

WE (White)

MW-5V 8 DIGITS



NS-20T 12 DIGITS

Model	Digits	Independent memory	Cost/ Sell/ Margin	GT	%	Profit margin %	✓	+/−	▶	3-digit comma markers	Time calcu-lation	Tax calcu-lation	Exchange calcu-lation	5/4	Cut	Decimal selector	ADD mode	Power supply	Approximate battery life (years)	Dimensions H×W×D (mm)	Approximate weight (g)
J-120S	12	○	—	○	○	○	—	○	○	○	—	○	○	○	○	0,1,2,3,4	○	Two-way power	—	25×107×176	145
JF-120MS	12	○	○	○	○	○	—	○	○	○	—	○	—	○	○	0,1,2,3,4	○	Two-way power	—	26.3×107×173	155
JW-120MS	12	○	○	○	○	○	—	○	○	○	—	○	—	○	○	0,1,2,3,4	○	Two-way power	—	26.1×107×178.5	170
MS-470V	14	○	—	○	○	○	○	○	○	○	○	—	—	○	○	0,1,2,3,4	○	Two-way power	—	30.4×111×142.5	125
MS-120MS/100MS	12/10	○	○	—	○	○	—	○	—	○	—	○	—	—	—	—	—	Two-way power	—	30.7×103×145	120
MS-80S	8	○	—	—	○	○	—	○	—	○	—	○	○	—	—	—	—	Two-way power	—	30.7×103×145	120
MS-20S/10S	12/10	○	—	—	○	○	—	○	—	○	—	○	○	—	—	—	—	Two-way power	—	31.7×103×145	100
MS-8S	8	○	—	—	○	○	—	○	—	○	—	○	○	—	—	—	—	Two-way power	—	31.7×103×145	100
MS-270TV/170TV	12/10	○	—	—	○	○	○	○	○	○	○	○	—	○	○	0,1,2,3,4	○	Two-way power	—	30.4×111×142.5	125
MS-7TV	8	○	—	—	○	○	○	○	○	○	○	○	—	—	—	—	—	Two-way power	—	30.4×111×142.5	120
MW-8V	8	○	—	—	○	—	○	○	—	○	—	—	—	—	—	—	—	AA (LR6 or R6P)×1	2	28.8×103×145	120
MW-5V	8	○	—	—	○	—	○	○	—	○	—	—	—	—	—	—	—	AA (LR6 or R6P)×1	2	25.1×84×118	85
NS-20T	12	○	—	—	○	○	—	○	○	○	○	○	—	○	○	0,1,2,3,4	○	Two-way power	—	10.7×87×145	90

LR6=AM3, R6P=UM-3

Portable Type

EXTRA LARGE DISPLAY · Profit Margin % · Key Rollover · × ÷ + − · Plastic Keys · Metal Faceplate · TAX

LC-1000TV 10 DIGITS

EXTRA LARGE DISPLAY · %

LC-401LV 8 DIGITS

EXTRA LARGE DISPLAY · Profit Margin % · × ÷ + − · Plastic Keys · Metal Faceplate · TAX

LC-403TV 8 DIGITS

LARGE DISPLAY · %

LC-160LV 8 DIGITS

EXTRA LARGE DISPLAY · Metal Faceplate · TWO WAY POWER · 12:34 Time Calcu. · Key Rollover · Profit Margin % · × ÷ + − · Plastic Keys

SL-340VA 14 DIGITS

EXTRA LARGE DISPLAY · TAX · TWO WAY POWER · 12:34 Time Calcu. · Key Rollover · Profit Margin % · × ÷ + − · Plastic Keys · Metal Faceplate

SL-320TV 12 DIGITS
SL-315TV 10 DIGITS

SL-320TV

EXTRA LARGE DISPLAY · TAX · Profit Margin % · TWO WAY POWER · Plastic Keys · × ÷ + − · Metal Faceplate

SL-300TV 8 DIGITS

EXTRA LARGE DISPLAY · TWO WAY POWER · %

SL-300LV 8 DIGITS

EXTRA LARGE DISPLAY · × ÷ + − · TWO WAY POWER · Key Rollover · Profit Margin % · DUAL LEAF

SL-240LB 14 DIGITS

EXTRA LARGE DISPLAY · Profit Margin % · × ÷ + − · TWO WAY POWER · Key Rollover · Tax & Exch. · DUAL LEAF

SL-220TE 12 DIGITS
SL-210TE 10 DIGITS
SL-200TE 8 DIGITS

SL-220TE

LARGE DISPLAY · TWO WAY POWER · % · DUAL LEAF

SL-100L 8 DIGITS

Model	Digits	Independent memory	GT	%	Profit margin %	√	+/−	▶	3-digit comma markers	Time calcu-lation	Tax calcu-lation	Exchange calcu-lation	5/4	Cut	Decimal selector	Power supply	Approximate battery life (hours)	Dimensions H×W×D (mm)	Approximate weight (g)	Case
LC-1000TV	10	○	—	○	○	—	○	—	○	—	○	—	—	—	—	LR54×1	3 yrs.	7.5×70×118.5	50	Wallet
LC-401LV	8	○	—	○	—	○	○	—	○	—	—	—	—	—	—	LR54×1	4,500	Ⓟ10.7×75×120 Ⓤ7.3×151.5×120	70	Hard
LC-403TV	8	○	—	○	○	—	○	—	○	—	○	—	—	—	—	LR54×1	3 yrs.	7.5×70×118.5	50	Wallet
LC-160LV	8	○	—	○	—	○	—	—	○	—	—	—	—	—	—	LR54×1	6,500	Ⓟ10×87×58 Ⓤ8×87×117.5	35	Hard
SL-340VA	14	○	—	○	○	—	○	○	○	○	○	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-320TV	12	○	—	○	○	—	○	—	○	○	○	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-315TV	10	○	—	○	○	—	○	—	○	○	○	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-300TV	8	○	—	○	○	—	○	—	○	—	○	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-300LV	8	○	—	○	—	○	○	—	○	—	—	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-240LB	14	○	○	○	○	—	○	—	○	—	—	—	○	○	2	Two-way power	—	Ⓟ12.5×120×73 Ⓤ6.5×120×141	76	—
SL-220TE	12	○	—	○	○	—	○	—	○	—	○	—	○	○	2	Two-way power	—	Ⓟ12.5×120×73 Ⓤ6.5×120×141	76	—
SL-210TE	10	○	—	○	○	—	○	—	○	—	○	—	○	○	2	Two-way power	—	Ⓟ12.5×120×73 Ⓤ6.5×120×141	75.5	—
SL-200TE	8	○	—	○	○	—	○	—	○	—	○	—	○	—	—	Two-way power	—	Ⓟ12.5×120×73 Ⓤ6.5×120×141	76	—
SL-100L	8	○	—	○	—	○	○	—	○	—	—	—	—	—	—	Two-way power	—	Ⓟ13.5×91×55 Ⓤ9.4×91×110.5	55	—

LR54=LR1130 Ⓟ Folded Ⓤ Unfolded

Portable Type

LARGE DISPLAY · Tax & Exch. · TWO WAY POWER · Profit Margin % · × ÷ + − · Key Rollover · Plastic Keys · Metal Faceplate

SL-797TV 8 DIGITS

LARGE DISPLAY · Profit Margin % · TWO WAY POWER · × ÷ + − · Key Rollover · Metal Faceplate · Tax & Exch.

SL-787TV 8 DIGITS

SUPER SOLAR · Profit Margin % · × ÷ + − · Metal Faceplate

SL-760LC 8 DIGITS

LARGE DISPLAY · TAX · Key Rollover · Profit Margin % · × ÷ + − · Plastic Keys · Metal Faceplate · AA SIZE ×1

HL-122TV 12 DIGITS

LARGE DISPLAY · % · AA SIZE ×1

HL-100LB 10 DIGITS

LARGE DISPLAY · Plastic Keys · Metal Faceplate · %

HL-820VA 8 DIGITS

LARGE DISPLAY · %

HL-820LV 8 DIGITS

LARGE DISPLAY · % · AA SIZE ×1

HL-815L 8 DIGITS

LARGE DISPLAY · %

HL-4A 8 DIGITS

LARGE DISPLAY · % · TWO WAY POWER · MU · Plastic Keys · Metal Faceplate

HS-8VA 8 DIGITS

LARGE DISPLAY · TWO WAY POWER · %

HS-8LV 8 DIGITS

Model	Digits	Independent memory	GT	%	Profit margin %	MU	√	+/−	▶	3-digit comma markers	Tax calcu-lation	Exchange calcu-lation	5/4	Cut	Decimal selector	Power supply	Approximate battery life (hours)	Dimensions H×W×D (mm)	Approximate weight (g)	Case
SL-797TV	8	○	—	○	○	—	—	—	—	○	○	○	—	—	—	Two-way power	—	6.9×57×102	35	Wallet
SL-787TV	8	○	—	○	○	—	—	—	—	○	○	○	—	—	—	Two-way power	—	6.3×91.5×58	30	Wallet
SL-760LC	8	○	—	○	○	—	○	—	—	○	—	—	—	—	—	Solar	—	2.9×85.5×54	15	Soft
HL-122TV	12	○	○	○	○	—	○	○	○	○	○	—	○	○	2	AA (LR6 or R6P)×1	17,500	19.5×77×141	115	Soft
HL-100LB	10	○	—	○	—	—	○	—	—	○	—	—	—	—	—	AA (LR6 or R6P)×1	2 yrs.	18×69.5×118	65	—
HL-820VA	8	○	—	○	—	—	○	—	—	○	—	—	—	—	—	LR54×1	2 yrs.	6.9×57×102	35	Wallet
HL-820LV	8	○	—	○	—	—	○	—	—	○	—	—	—	—	—	LR54×1	6,500	Ⓟ10×62.5×104 Ⓤ7.5×127×104	45	Hard
HL-815L	8	○	—	○	—	—	○	—	—	○	—	—	—	—	—	AA (LR6 or R6P)×1	2 yrs.	18×69.5×118	65	—
HL-4A	8	○	—	○	—	—	○	○	—	—	—	—	—	—	—	LR54×1	6,500	8.8×56×87	25	—
HS-8VA	8	○	—	○	—	○	○	○	—	—	—	—	—	—	—	Two-way power	—	6.9×57×102	35	Wallet
HS-8LV	8	○	—	○	—	—	○	○	—	○	—	—	—	—	—	Two-way power	—	6.7×57×102	35	Wallet

LR54=LR1130 Ⓟ Folded Ⓤ Unfolded
LR6=AM3, R6P=UM-3

Value Series

Desk-Top Type

EXTRA LARGE DISPLAY · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

GX-16S 16 DIGITS

EXTRA LARGE DISPLAY · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

GX-14S 14 DIGITS

EXTRA LARGE DISPLAY · Metal Faceplate · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

GX-120S 12 DIGITS

EXTRA LARGE DISPLAY · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

GX-12S 12 DIGITS

EXTRA LARGE DISPLAY · Metal Faceplate · TWO WAY POWER · TILT DISPLAY · MU · Key Rollover · % · Plastic Keys

DX-120ST 12 DIGITS

Adjustable Tilt Display

Freely adjustable display angle

EXTRA LARGE DISPLAY · Metal Faceplate · TWO WAY POWER · % · Key Rollover · MU · Plastic Keys

DX-120S 12 DIGITS

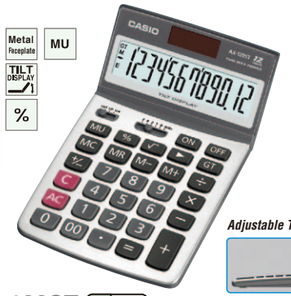
EXTRA LARGE DISPLAY · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

DX-12S 12 DIGITS

Model	Digits	Independent memory	GT	%	MU	√	+/−	▶	3-digit comma markers	Item counter	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
GX-16S	16	2	—	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	34.5×155×210	230
GX-14S	14	2	—	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	34.5×155×210	230
GX-120S	12	2	—	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	35.5×155×210	260
GX-12S	12	2	—	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	34.5×155×210	230
DX-120ST	12	○	○	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	32.7×122.5×177.5	195
DX-120S	12	○	○	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	36×126×175	190
DX-12S	12	○	○	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	35×126×175	170

Compact Desk Type

EXTRA LARGE DISPLAY · Metal Faceplate · MU · TWO WAY POWER · TILT DISPLAY · Key Rollover · % · Plastic Keys



AX-120ST 12 DIGITS

Adjustable Tilt Display

Freely adjustable display angle

EXTRA LARGE DISPLAY · Metal Faceplate · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

AX-120S 12 DIGITS

EXTRA LARGE DISPLAY · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

AX-12S 12 DIGITS

Mini Desk Type

EXTRA LARGE DISPLAY · Metal Faceplate · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

MX-120S 12 DIGITS

EXTRA LARGE DISPLAY · % · TWO WAY POWER · MU · Key Rollover · Plastic Keys

MX-12S 12 DIGITS

EXTRA LARGE DISPLAY · % · TWO WAY POWER · MU · Plastic Keys

MX-8S 8 DIGITS

Portable Type

EXTRA LARGE DISPLAY · Plastic Keys · TWO WAY POWER · Metal Faceplate · Key Rollover · %

SX-320P 12 DIGITS

EXTRA LARGE DISPLAY · Metal Faceplate · TWO WAY POWER · % · Plastic Keys

SX-300P 8 DIGITS

EXTRA LARGE DISPLAY · TWO WAY POWER · %

SX-300 8 DIGITS

EXTRA LARGE DISPLAY · % · TWO WAY POWER · Key Rollover

DUAL LEAF
SX-220 12 DIGITS

LARGE DISPLAY · TWO WAY POWER · %

DUAL LEAF
SX-100 8 DIGITS

Model	Digits	Independent memory	GT	%	MU	√	+/−	▶	3-digit comma markers	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case
AX-120ST	12	○	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	26.1×107×178.5	170	—
AX-120S	12	○	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	29.3×107×175.5	165	—
AX-12S	12	○	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	25×107×176	145	—
MX-120S	12	○	—	○	○	—	○	○	○	—	—	—	—	—	Two-way power	30.7×103×145	120	—
MX-12S	12	○	—	○	○	—	○	○	○	—	—	—	—	—	Two-way power	31.7×103×145	100	—
MX-8S	8	○	—	○	○	○	○	—	○	—	—	—	—	—	Two-way power	31.7×103×145	100	—
SX-320P	12	○	—	○	—	○	○	○	○	—	—	—	—	—	Two-way power	7.5×70×118.5	50	Wallet
SX-300P	8	○	—	○	—	○	○	—	○	—	—	—	—	—	Two-way power	7.5×70×118.5	50	Wallet
SX-300	8	○	—	○	—	○	○	—	○	—	—	—	—	—	Two-way power	7.5×70×118.5	50	Wallet
SX-220	12	○	○	○	—	○	○	○	○	—	—	—	—	—	Two-way power	Ⓕ12.5×120×73 Ⓤ6.5×120×141	80	—
SX-100	8	○	—	○	—	○	○	—	○	—	—	—	—	—	Two-way power	Ⓕ13.5×91×55 Ⓤ9.4×91×110.5	55	—

Ⓕ Folded Ⓤ Unfolded

PRINTING CALCULATORS

Printouts of results along with each calculation step can be attached to documents

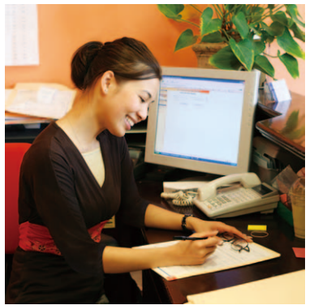
Mini-printer

1.6 LINES/SEC · Tax & Exch. · LARGE DISPLAY · Profit Margin % · Key Rollover · × ÷ + − · COST SELL MAR

BK (Cool Black)

GY (Light Gray)

RD (Red)



HR-8TM 12 DIGITS

Compact Type

2 COLOUR PRINT · Plastic Keys · 2.0 LINES/SEC · Tax & Exch. · EXTRA LARGE DISPLAY · % · Key Rollover · MU MD · COST SELL MAR

HR-100TM 12 DIGITS

2 COLOUR PRINT · Plastic Keys · 2.4 LINES/SEC · Tax & Exch. · EXTRA LARGE DISPLAY · % · Key Rollover · MU MD · COST SELL MAR

HR-150TM 12 DIGITS

Main Functions

Cost, Selling Price and Margin Calculations

(HR-8TM/HR-100TM/HR-150TM/DR-120TM/ DR-140TM/DR-210TM/DR-240TM/DR-270TM)

Perform the operations shown to the right to calculate cost, selling price, and margin.

Exchange Functions

(HR-8TM/HR-100TM/HR-150TM)

Current rates for converting between U.S. dollars and up to three national currencies by simply pressing corresponding button. A simple operation also converts between national currencies, with intermediate conversion to U.S. dollars.

Tax Calculations

Set the rate you want for easy calculation of amount plus tax, amount less tax, and tax amount.

Printing Sample

Cost

What is the cost of an item that sells for $150 after a 30% margin is added?

❶ CA 150 SELL → 150.
❷ 30 MAR → 105.
❸ MAR → 45.
COST → 105.

••0••CA
150•S* ← ❶ Selling price
30•M% ← ❷ Margin (%)
105•C◇ ← Cost
30•M% ← ❸ Margin (%)
45•MT ← Margin amount

Selling Price

What would the selling price be for an item that costs $120 after a 40% margin is added?

❶ CA 120 COST → 120.
❷ 40 MAR → 200.
❸ MAR → 80.
SELL → 200.

••0••CA
120•C◇ ← ❶ Cost
40•M% ← ❷ Margin (%)
200•S* ← Selling price
40•M% ← ❸ Margin (%)
80•MT ← Margin amount

Margin

What is the margin on an item that costs $1,000 and sells for $2,000?

❶ CA 1000 COST → 1'000.
❷ 2000 SELL → 50.

••0••CA
1,000•C◇ ← ❶ Cost
2,000•S* ← ❷ Selling price
50•M% ← Margin (%)

*Print sample: DR-120TM

Model	Display	Digits	Simple algebraic logic	Adding machine	Sub-total/ Total	GT	Inde-pendent memory	Cost/ Sell/ Margin	%	Profit margin %	MU/ MD	+/−	▶	3-digit comma markers	2-colour printing	Tax calcu-lation	Exchange calcu-lation	Item counter	5/4	Decimal selector	ADD mode	Power supply: Battery	Power supply: AC adaptor	Ink-roll/ Ink ribbon	Paper width (mm)	Print speed (lines/s)	Dimensions H×W×D (mm)	Approximate weight	Others
HR-8TM	LCD	12	○	—	—	—	○	○	○	○	—	—	—	○	—	○	○	—	○	0,2	—	AA×4	AD-A60024	IR-40	58	1.6*1	41.1×99×196	340g	Function command signs, Auto power off function
HR-100TM	LCD	12	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	0,2,3	○	AA×4	AD-A60024	IR-40T	58	2.0*1	67×165.5×285	520g	Average calculation
HR-150TM	LCD	12	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	0,2,3	○	AA×4	AD-A60024	IR-40T	58	2.4*1	67.4×196×317	700g	Average calculation

*1Average speeds of 3-position shift max. & min. speed patterns.

Desk-Top Type

2 COLOUR PRINT · 2.4 LINES/SEC · % · MU MD · TAX

FR-2650T 12 DIGITS

2 COLOUR PRINT · Plastic Keys · 3.5 LINES/SEC · COST SELL MAR · LARGE DISPLAY · TAX · LINE PRINT · % · Key Rollover · MU MD

BK (Black)

WE (White)

DR-120TM 12 DIGITS

2 COLOUR PRINT · Plastic Keys · 3.5 LINES/SEC · COST SELL MAR · LARGE DISPLAY · TAX · LINE PRINT · % · Key Rollover · MU MD

DR-140TM 14 DIGITS

Heavy-duty Type

2 COLOUR PRINT · COST SELL MAR · 4.4 LINES/SEC · TAX · LARGE DISPLAY · % · LINE PRINT · MU MD · Key Rollover

DR-210TM 12 DIGITS

2 COLOUR PRINT · COST SELL MAR · 4.4 LINES/SEC · TAX · LARGE DISPLAY · % · LINE PRINT · MU MD · Key Rollover

DR-240TM 14 DIGITS

2 COLOUR PRINT · COST SELL MAR · MU MD · 4.8 LINES/SEC · TAX · EXTRA LARGE DISPLAY · Built-in Backup Battery · LINE PRINT · % · Key Rollover

DR-270TM 12 DIGITS

TIME

Prints the current time and date

Model	Display	Digits	Adding machine	Sub-total/ Total	GT	Inde-pendent memory	Cost/ Sell/ Margin	%	MU/ MD	+/−	▶	3-digit comma markers	2-colour printing	Tax calcu-lation	Item counter	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Ink-roll/ Ink ribbon	Paper width (mm)	Print speed (lines/s)	Dimensions H×W×D (mm)	Approximate weight	Others
FR-2650T	Digitron	12	○	○	○	○	—	○	○	—	—	○	○	○	○	○	○	—	0,2,3,4	○	AC adaptor	IR-40T	58	2.4*1	70×206×335	1.1kg	—
DR-120TM	Digitron	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6	○	AC adaptor	RB-02	58	3.5*2	109.3×214.5×382	1.7kg	Average calculation
DR-140TM	Digitron	14	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6	○	AC adaptor	RB-02	58	3.5*2	109.3×214.5×382	1.7kg	Average calculation, 000
DR-210TM	Digitron	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6	○	AC adaptor	RB-02	58	4.4*2	109.3×214.5×382	1.7kg	Data print function
DR-240TM	Digitron	14	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6	○	AC adaptor	RB-02	58	4.4*2	109.3×214.5×382	1.7kg	Data print function, 000
DR-270TM	Digitron	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6	○	AC adaptor	RB-02	58	4.8*2	109.3×214.5×382	1.9kg	Clock & Calendar

*1Average speeds of 3-position shift max. & min. speed patterns. *2Average speed at feed.

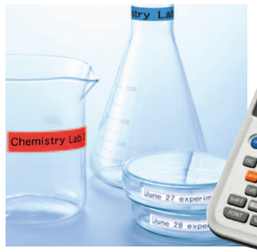
LABEL PRINTERS

EZ-Label Printer LABEL IT!

Plant facilities

Office

Schools & laboratories



KL-7400

A Business Label Printer for Use in Every Office and Industry

Construction sites

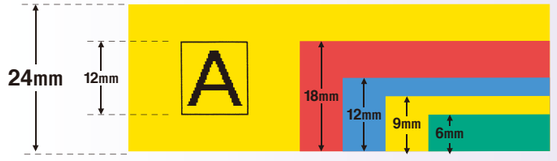
Stores & markets

Schools

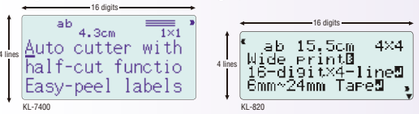
KL-820

KL-7400/820

Handles 24,18,12, 9 and 6mm tape widths. ** 12mm print head/200dpi resolution*



Large, easy-to-read, 16-digit, 4-line LCD ** 3-line input area*



Designed logo printing

A selection of 60 complete built-in label designs combining frequently used words with illustrations.

PRICE labels (10)	SIGN labels (20)	WORK labels (10)	ATTENTION labels (20)
Special	No Smoking	Urgent	No Mobile Phones
On Sale	Pull	Handle With Care	Fire Extinguisher

** Available in 6 languages (English/Spanish/French/German/Italian/Swedish)*

5 installed fonts

Print preview

Barcode printing

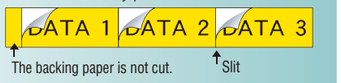
Prints barcodes for efficient merchandise control.

KL-7400 Only

Auto cutter with half-cut function

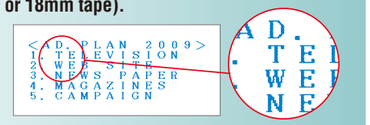
A built-in auto cutter with half-cut function slits only the label for easy removal from the backing paper. This comes in handy when printing large numbers of labels or using the consecutive number printing function.

Easy-peel labels



The backing paper is not cut. Slit

Prints up to 6 lines (24 or 18mm tape).



519 illustrations and symbols

Over 500 built-in illustrations and symbols make expressive, eye-catching label-making easy.

Numbering

The consecutive number printing function comes in handy when you're producing large numbers of labels.

**Numbering from 0 to 99,999 *You can print up to 100 numbered labels per print operation.*

KL-820 Only

Prints up to 3 lines (24 or 18mm tape).

Numbering

The consecutive number printing function comes in handy.

**Numbering from 0 to 999 *You can print up to 9 numbered labels per print operation.*

Handy home model for organizing your home!

KL-120

- Large 16-digit, 2-line LCD

- Handles 18, 12, 9 and 6mm tape widths.
- 12mm print head/200 dpi resolution
- Prints up to 2 lines (18 or 12mm tape).
- Print preview
- 3 character effects

Personal model with basic functions!

KL-60

- 4-digit, 1-line LCD

- Handles 12, 9 and 6mm tape widths.
- 5mm print head/160 dpi resolution
- Prints up to 2 lines (12 or 9mm tape).
- 3 character effects

The portable, easy-to-use Chinese label printer (支持中英文)

KL-170 PLUS

- Five Chinese input methods
  Beijing Pin-yin, Canton Pin-yin, Zhu-yin, Chang-ji, Simplified Chang-ji
- Chinese and English fonts built in
  圓體,黑體,明體, Logo style, Stencil
- 4-digit, 1-line LCD
- Handles 18, 12, 9 and 6mm tape widths.
- Prints up to 2 lines (18 or 12mm tape).
- 6 character sizes

- 405 special characters built in

Label Printer Specifications

Model	KL-7400	KL-820	KL-120	KL-60	KL-170 PLUS
Keyboard layout	QWERTY	QWERTY	QWERTY	QWERTY	QWERTY
Display: LCD	128 x 64 dots	95 x 32 dots	96 x 16 dots	5 x 7 dots + cursor	64×16 dots
Display (input data)	16 digits x 3 lines	16 digits x 3 lines	16 digits x 2 lines	4 digits x 1 line	4 digits x 1 line
Usable tape widths (mm)	24 / 18 / 12 / 9 / 6	24 / 18 / 12 / 9 / 6	18 / 12 / 9 / 6	12 / 9 / 6	18 / 12 / 9 / 6
Printing resolution	200 dpi / 96 dots	200 dpi / 96 dots	200 dpi / 96 dots	160 dpi / 32 dots	200 dpi / 64 dots
Unit of length switching	cm / inches	cm / inches	cm / inches	—	—
Printing speed (mm/sec.)	10	6	6	11.6	6
Maximum printing height (mm)	12	12	12	5	8
Maximum printing lines	6	3	2	2	2
Fonts	Sans-serif / Sans-serif italic / Sans-serif rounded / Roman / Roman italic	Sans-serif / Sans-serif italic / Sans-serif rounded / Roman / Roman italic	Sans-serif	Sans-serif	圓體, 黑體, 明體, Logo style, Stencil
Character styles	Normal / Bold / Outline / Shadow / Raised	Normal / Bold / Outline / Shadow / Raised	Normal / Bold / Outline	Normal	Normal / Outline
Character effects	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Box
Built-in character types	680	248	248	207	8,841
Alphanumeric characters	62	62	62	62	62
Illustrations	124	—	—	—	212
Special characters / symbols	395	87	87	46	193
Countries' characters	99	99	99	99	8,374
Auto cutter with half-cut function	○	—	—	—	—
Frame printing	65	65	—	—	85
Layouts according to use	24	24	18	—	33
Mirror printing	○	○	○	○	○
Printing direction	Horizontal / Vertical	Horizontal / Vertical	Horizontal	Horizontal	Horizontal / Vertical
Printing number setting	100	9	9	—	—
Design logos	60	60	—	—	—
Numbering	○	○	—	—	—
Barcode printing	○	○	—	—	—
Languages supported	14*1	14*1	14*1	14*1	2*2
Message switching	6 languages*3	6 languages*3	5 languages*4	English only	Chinese only
Print job memories	127 characters x 10	100 characters / Layout / Numbering / Barcode x 10 each	80 characters x 2	63 characters x 1	63 characters x 1
Auto power off	○	○	○	○	○
Maximum characters per input data	127	100	80	63	63
Power supply	AC adaptor*5(included) or 8 x AA-size alkaline(LR6) batteries(sold separately)	AC adaptor*5 (optional) or 6 x AA-size alkaline (LR6) batteries (sold separately)	6 x AA-size alkaline (LR6) batteries (sold separately)	6 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor*5 (optional) or 6 x AA-size alkaline (LR6) batteries (sold separately)
Approximate battery life*6	2 tape cartridges	4 tape cartridges	4 tape cartridges	10 tape cartridges	4 tape cartridges
Dimensions*7: H x W x D (mm)	64.5 x 202 x 216	52.5 x 167 x 223	54.5 x 189 x 115	51.5 x 168 x 114	51.5 x 182 x 118
Approximate weight (g)*8	800	610	430	300	335
Bundled tape cartridge	12mm x 1	12mm x 1	12mm x 1	9mm x 1	9mm x 1

*1. English / Spanish / French / Portuguese / Czech / Polish / Hungarian / German / Italian / Dutch / Finnish / Swedish / Danish / Norwegian *2. English / Chinese
*3. English / Spanish / French / German / Italian / Swedish *4. English / Spanish / French / German / Italian *5. KL-7400: AD-A12150L; KL-820/KL-170 PLUS: AD-A95100 *6. Continuous printing
*7. The height dimension includes the feet. *8. Not including batteries*

Label Printer Options

Colour Tape (8m)

Width	24mm	18mm	12mm	9mm	6mm
BLACK on WHITE	XR-24WE1	XR-18WE1	XR-12WE1	XR-9WE1	XR-6WE1
BLACK on CLEAR	XR-24X1	XR-18X1	XR-12X1	XR-9X1	XR-6X1
BLACK on RED	XR-24RD1	XR-18RD1	XR-12RD1	XR-9RD1	XR-6RD1
BLACK on YELLOW	XR-24YW1	XR-18YW1	XR-12YW1	XR-9YW1	XR-6YW1
BLACK on BLUE	XR-24BU1	XR-18BU1	XR-12BU1	XR-9BU1	—
BLACK on GREEN	XR-24GN1	XR-18GN1	XR-12GN1	XR-9GN1	XR-6GN1
BLACK on GOLD	—	XR-18GD1	XR-12GD1	XR-9GD1	—
BLACK on SILVER	—	XR-18SR1	XR-12SR1	XR-9SR1	—

Colour Tape (Colour Letters - 8m)

Width	18mm	12mm	9mm
RED on WHITE	XR-18WER1	XR-12WER1	XR-9WER1
BLUE on WHITE	XR-18WEB1	XR-12WEB1	XR-9WEB1

CASIO BRAND DISPLAY CORNER KIT FOR CALCULATORS

All items provided as design data only.

① Top board
- Size: 600 × 300 mm

② Category sheet
- Size: 364 × 257 mm

③ Category cards
- Size: 50 × 120 mm

④ Poster
- Size: 420 × 297 mm

⑤ Flag
- Size: 1,500 × 450 mm

⑥ POP for scientific calculators

⑥ POP for check calculators

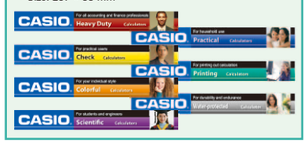
- Size: 100 × 240 mm

⑦ Backboard sheets for display stand
- Size: 200 × 170 mm

Heavy-duty calculator

Check calculator

⑧ Category cards for base
- Size: 257 × 33 mm



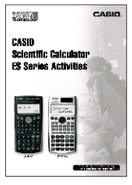
⑨ Banners
- Size: 250 × 300 mm (1-sheet)

ROADSHOW KIT FOR SCIENTIFIC CALCULATORS

- Poster × 5
- Sheet × 3
- Display Stand × 5
- Banner Stand × 1
- Carry bag

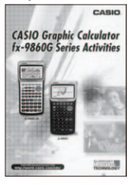
ACTIVITIES

Scientific Calculator



Activities for ES Series (Activities for MS Series are also available.)

Graphic Calculator



Activities for fx-9860G Series

"Your Partner to Explore Math"

Activities for fx-3650P

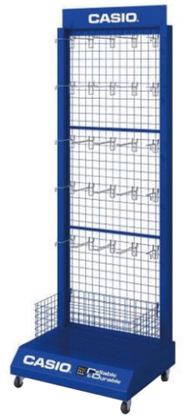
Financial Consultant

Calculation Examples for FC-200V/100V

SALES PROMOTION MATERIALS

Calculators and label printers normally are not included with promotion materials.

Display Stand for Calculators
- Size: L500 × W630 × H1,850 mm
- Weight: approx. 30.0 kg



Display Stand for Colourful Calculators
- Size: L400 × W400 × H1,800 mm
- Weight: approx. 7.0 kg

@C-0STCOLORFULS-EN

Display Stand for Label Printers
- Size: L400 × W500 × H1,800 mm
- Weight: approx. 28.0 kg

@C-0ST LABEL

Display Tool kit for Scientific Calculators ES PLUS Series

NEW

* English, Spanish, and Arabic Language versions Available.

- Poster × 2
- Panel × 1
- Banner × 1
- POP product advertisement × 4
- Card for sales staff explanations × 1

- English @C-0POPESPLUS-E
- Spanish @C-0POPESPLUS-S
- Arabic @C-0POPESPLUS-AR

Attention Pop Kit for Label Printers

- Corner Sheet × 3
- Sticker Sheet × 1
- Attention POP × 1
- Sticker Clip × 3

@C-0POP LABEL

Attention Pop for Check Calculators

- Size: 128 × 182 mm

@C-0POP150STEPS-EN

Attention Pop Board for Colourful Calculators

- Size: L500 × W600 × H50 mm

@C-0BDCOLOURBD-EN

Display Stand for Colorful Calculators

NEW

- Size: D400 × W287 × H200 mm
- Weight : approx. 2.7 kg

@C-0DISP-COLORFULS-EN

NEWSPAPER/MAGAZINE ADVERTISEMENT

Scientific Calculator Artwork

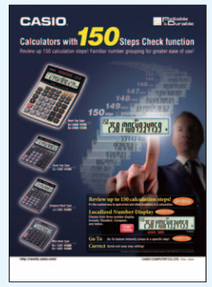
NEW

Brand Artwork

MS Series

ES Plus Series

Check Calculator Artwork



DJ-240D / 220D / 120D, JJ-120D, MJ-120D / 100D

CASIO Logo Sticker

- Size: 210 × 297 mm

@C-0SR CASIO-EN

Unit Stand (PPSD7)

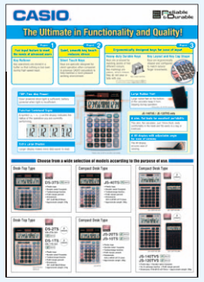
- Size: D95 × W66 × H76 mm
- Weight: 25 g

@C-PPSD7HK

Heavy Duty Series Training DVD for Sales Staff

* Provision of data only

Artwork for Stationery And Office Stationery Catalogue



Heavy-duty calculator

Label printer (Main model KL-120)

Label printer (Main model KL-820)

Financial Consultant Artwork

FC-200V / 100V

Printing Calculator Artwork

Cost, Selling Price and Margin models

FUNCTION SYMBOLS

Scientific Calculator/Financial Consultant

763 FUNCTIONS / over 1,500 FUNCTIONS
Number of functions

NATURAL V.P.A.M. / NATURAL TEXTBOOK
Natural V.P.A.M. display
Natural textbook display
Display expression same as textbook.

S-V.P.A.M.
S-V.P.A.M.
(Super Visually Perfect Algebraic Method)
All the features of the existing V.P.A.M. series plus a new 2-line display and a useful Replay function. All this helps to make mathematics easier to use and easier to understand than ever before.

STAT-data
STAT-data editor
Back-step viewing and editing of input data.

List-based STAT
List based STAT-data editor
Viewing and editing of input data in list format, showing data groups (x-data, y-data, frequency) and surrounding data.

Multi-replay
Multi-replay
Quick and easy recall of previously executed formulas for editing and re-execution.

10+2 DIGITS
10 + 2 digits
10-digit mantissa + 2-digit exponential display.

ICON MENU
Icon menu
Specify the operation you want to perform by selecting an icon or inputting a number.

DOT MATRIX
Dot matrix display
High-resolution screen provides beautiful looking graphs every time.

TWO WAY POWER
Two-way power (Solar + Battery)
Solar powered in sunlight, battery powered when lighting is low.

Data communication with a personal computer
Allows data communication with a personal computer.

Plastic Keys
Plastic keys
Designed and engineered for easy operation.

Practical Calculator/Printing Calculator

DUAL DISPLAY
Dual display
Equipped with two LCD displays to allow performance of different calculations or viewing of two values.

EXTRA LARGE DISPLAY
Extra Large display
Larger display makes more data easier to read.

LARGE DISPLAY
Large display
Large, easy-to-read display.

TWO WAY POWER
Two-way power (Solar + Battery)
Solar powered when light is sufficient, battery powered when light is insufficient.

SUPER SOLAR
Super solar
Solar cell powers calculations even when lighting is relatively dim.

Key Rollover
Key rollover
Key operations are stored in a buffer, so nothing is lost even during high-speed input.

Plastic Keys
Plastic keys
Designed and engineered for easy operation.

Metal Faceplate
Durable metal faceplate
Tough cover stands up to rough treatment.

COST SELL MAR
Cost/Sell/Margin
Calculate the cost, selling price, or margin of profit on an item, given the other two values.

Tax & Exch.
Tax & exchange function
Tax calculation and currency conversion functions.

TAX
Tax calculation
Automatic calculation of price plus tax, price less tax, discount, selling price, tax amount, discount amount, and margin amount.

TILT DISPLAY
Tilt Display
The degree of display can be adjusted freely.

Day Calcu.
Day/Date calculation
Day/Date calculations allow easy input and calculation of duration or date.

Time Calcu.
Time calculation
Time calculation allows easy input and calculation of hour, minute, and second values.

Profit Margin %
Profit margin percent
% key gives quick access to prices and profits, and also delivers add-ons, discounts, ratios and increase/decrease values.

%
Regular percent
Regular percentage calculations.

MU / MU MD
Mark-up/Mark-down
All the mark-up/mark-down capabilities of an adding machine for simplified cost and profit calculations.

BIG
Super command signs
Big, easy-to-read command signs show your current operation at a glance.

Function command signs
A symbol (+, −, ×, ÷) on the display indicates the status of operation you are currently performing.

Clock & Calendar
Printing the current time and date.

150 STEPS CHECK
150 steps check
Displays up to 150 previous calculation steps.

LOCALIZED NUMBER DISPLAY
Localized number display
Displays numbers in three digit separator formats (Standard, European, and Indian). Choice of a comma or period as the decimal point.

LINE PRINT
Line printing
Line printing for higher speed, superior print quality, and quieter operation.

2 COLOUR PRINT
2-colour printing
Positive values are shown in black, and negative values are shown in red for easy checking.

3.5 LINES/SEC.
3.5 line-per-second printing
The value indicates the number of lines printed per second.

Heavy-duty durable keys
Keys are produced by injecting plastic of two different colours. Key markings are plastic, which means they do not wear or fade with use.

For information about Accessories and Options of Calculators models, visit http://www.casio-intl.com/calc/

CASIO®
CASIO COMPUTER CO., LTD.
Tokyo, Japan

**Designs and specifications are subject to change without notice.*

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