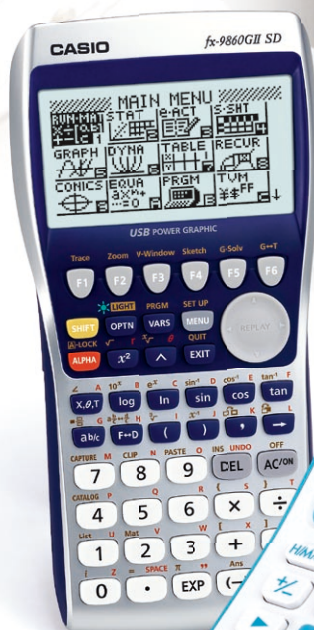


ELECTRONIC CALCULATORS

GENERAL CATALOGUE 2009-2010



SCIENTIFIC
CALCULATORS



PRACTICAL
CALCULATORS



PRINTING
CALCULATORS



LABEL
PRINTERS

SCIENTIFIC CALCULATORS

Support your classroom with technology

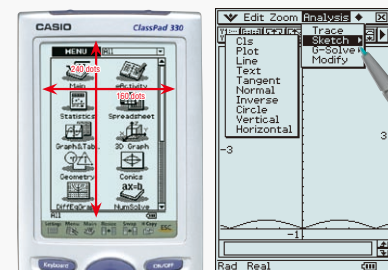
SCIENTIFIC CALCULATORS

GRAPHIC MODELS WITH CAS CAPABILITY

User-friendly Interface

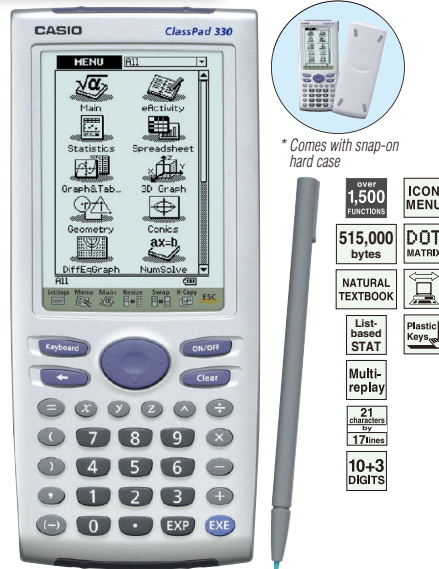
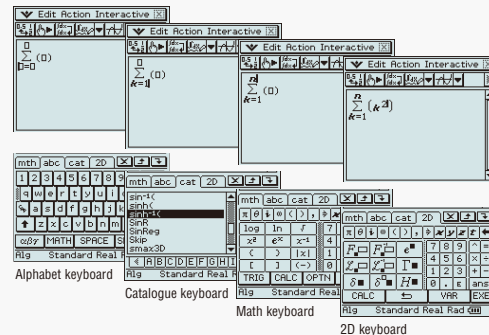
Pen Touch Operation

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 big 160 × 240-dot LCD simplifies operation and shows 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 , $\int$, 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.



* Comes with snap-on hard case

- over 1,500 FUNCTIONS
- 515,000 bytes
- NATURAL TEXTBOOK
- List-based STAT
- Multi-play
- 21 channels by 17 notes
- 10+3 DIGITS
- ICON MENU
- DOT MATRIX
- Plastic Keypad

ClassPad 330

ClassPad 330 Built-in Applications

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.

Differential Equation 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.

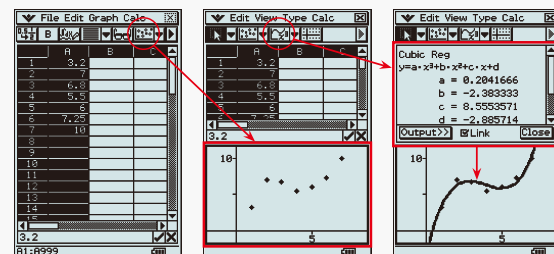
Financial Application

This ClassPad 330 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.

Spreadsheet Application

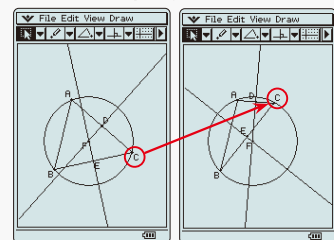
Improved Spreadsheet Application

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 adds the following functions: search, sort, data import from and export to lists, matrices, and variables, Cellif, and Histogram/Box-whisker graphing.



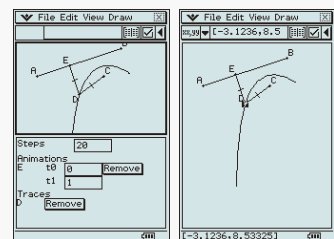
Geometry Application

Geometric Graphing



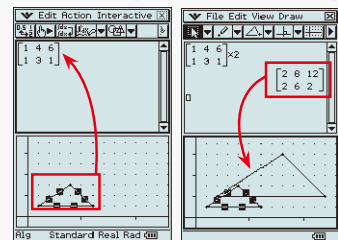
Students can learn the general theorems by drawing figures, and can confirm that a theorem still holds true even when the form of the triangle is altered.

Animation



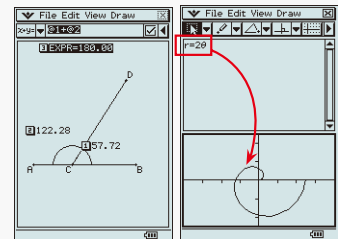
An Animation function provides the means to move geometric figures drawn on the screen. You can even plot the locus for a particular point of the animation. The screenshot shows an example where Point D is plotted as the locus for Point E moving on Line AB.

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.

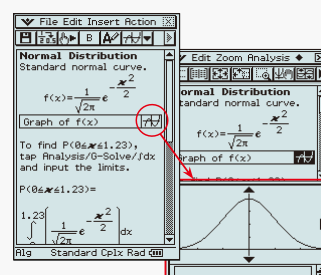
Enhanced Geometric Functions



ClassPad 330 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.

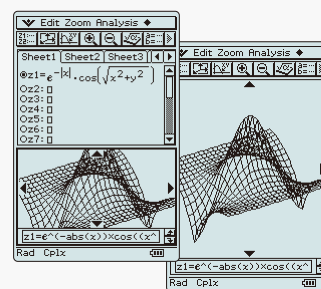
eActivity Application

An eActivity is like a digital worksheet that can be created and worked with on the ClassPad 330. All of the powerful features and capabilities of the ClassPad 330 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 also 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 Specifications

ALGEBRA

- CAS (Computer Algebra System)
- Algebra Assistant
- Fractions • Transformation (simplify, expand, factor)
- Algebraic ($\sqrt{\quad}$, x^2 , x^{-1} , x^1 , $\sqrt[n]{\quad}$, x^n)
- Simultaneous equations
- Real and Complex results • List • Matrix
- Combination nCr , Permutation nPr
- Exponents ($\log$, $\ln$, $10^{\quad}$, $e^{\quad}$)
- 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, xy Line, 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 program-link software FA-CP1: This data transfer software runs on a Windows computer. You can use it to transfer certain ClassPad unit files and to back up all ClassPad unit data on your computer. You can also transfer ClassPad unit screen captures to your computer.

HARDWARE

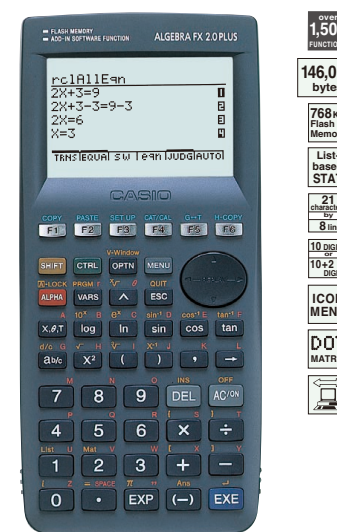
- Dimensions: 21.0(H) × 84.0(W) × 189.5(D) mm
- Approximate weight: 280g
- Battery type: Four AAA-size batteries LR03 (AM4)
- Battery life: Approx. 140 hours continuous operation (assuming 5 minutes calculation and 55 minutes display per hour)
- Display type: 160 × 240-dot LCD
- Touch Panel (Pen Touch Operation) • User-available RAM: 500 KB
- User-available Flash ROM (Add-in area): 5.3 MB
- 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
- OH-ClassPad 330 SET (Overhead projection model)

Latest OS update for ClassPad 300 series:

<http://edu.casio.com/dl/>



ALGEBRA FX 2.0 PLUS

- 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
- Statistical 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, Professor John Kenelly, and other math instructors. It directly incorporates advice and suggestions from math teachers.

Factorization	Differential	Taylor expansion
$\frac{d}{dx}(x^2+3x+2) = 2x+3$	$\frac{d}{dx}(\sin x) = \cos x$	$\frac{d}{dx}(e^x) = e^x$
$\frac{d}{dx}(x^2+3x+2) = 2x+3$	$\frac{d}{dx}(\sin x) = \cos x$	$\frac{d}{dx}(e^x) = e^x$

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.

Algebra	Algebra	Algebra
$\frac{d}{dx}(x^2+3x+2) = 2x+3$	$\frac{d}{dx}(\sin x) = \cos x$	$\frac{d}{dx}(e^x) = e^x$
$\frac{d}{dx}(x^2+3x+2) = 2x+3$	$\frac{d}{dx}(\sin x) = \cos x$	$\frac{d}{dx}(e^x) = e^x$

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

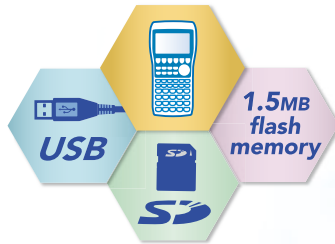
Graphic Models

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



User-friendly Interface

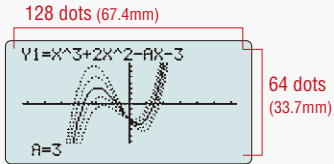
- Rectangular coordinate graphing, Polar coordinate graphing • Integration graph
- Parametric function graphing, Inequality graphing • Trace, Zoom (box zoom, zoom in, zoom out, auto zoom) • Table and Graph • Dual Graph (table and graph, graph and graph) • Sketch (tangent line, normal line, inverse function) • 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, xyLine, 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 (nCr , nPr) • 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 calculations • 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



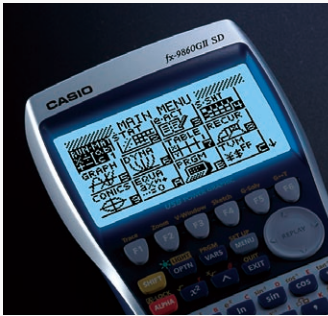
Hardware Features

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 times 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)

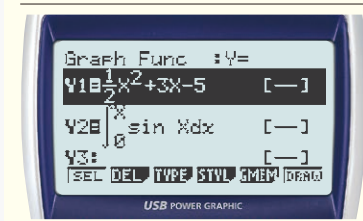
The fx-9860GII SD is equipped with an SD memory card slot for easy data transfers.



Natural textbook display!

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

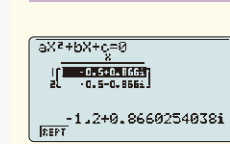


Natural Input now supported in the Graph Mode!

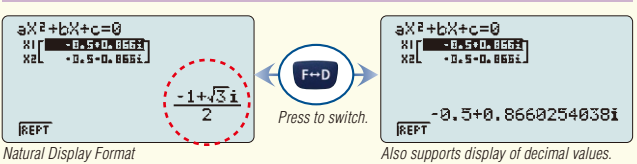
Natural Output

Polynomial equation result

Previous Models

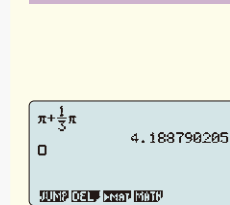


Natural Output Model

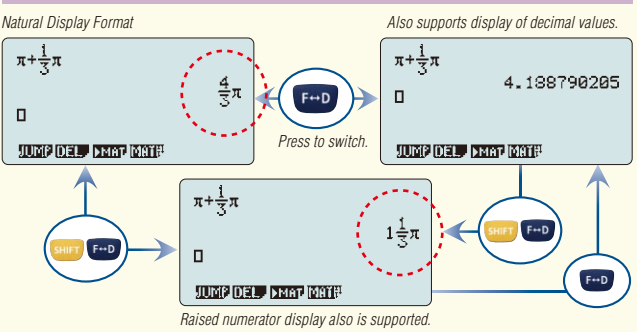


Result of expression with Pi symbol

Previous Models

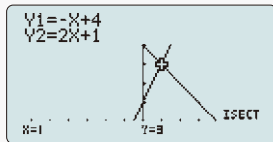
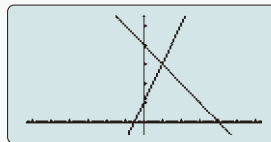
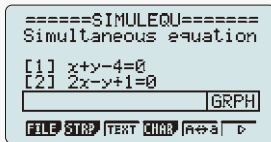
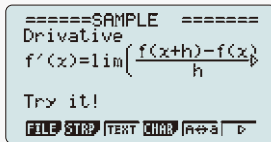


Natural Output Model



eActivity

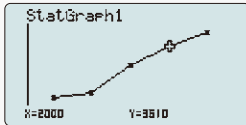
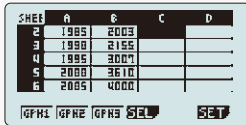
fx-9860GII Series calculators come with the same eActivity capabilities that originally appeared on the ClassPad 330. Now teachers as well as students can create their own problems and study materials. Students get the opportunity to learn at their own pace for more efficient study both at school and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



Built-in Software

Spreadsheet

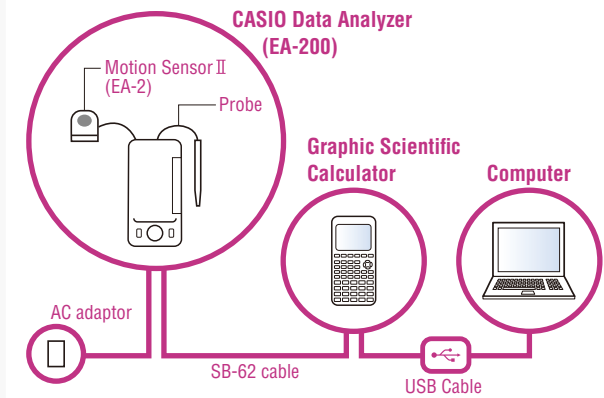
A multi-function spreadsheet with built-in graphing capabilities is a valuable tool for table calculation lesson exercises.



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



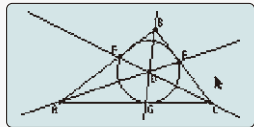
Add-in Software

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.



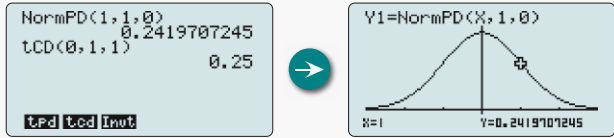
Add-in software can be downloaded from the CASIO website.

<http://edu.casio.com/dl/>

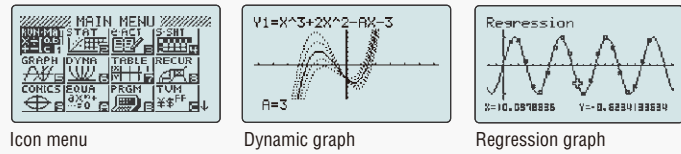


Other Features

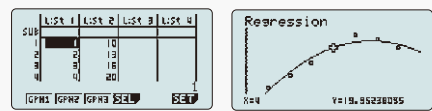
Probability



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

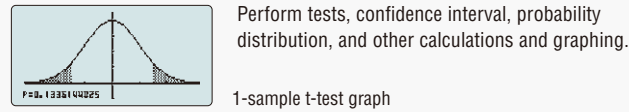


List-based Statistics

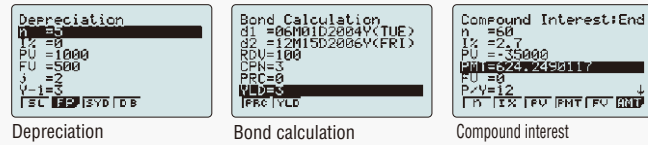


Store a list of values in memory for use when performing function and statistical calculations, when drawing graphs, or when generating tables of numeric values.

Advanced Statistics

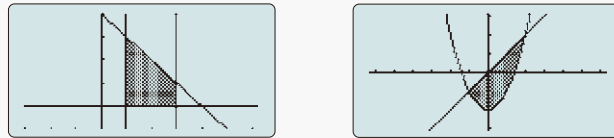


Financial Calculations

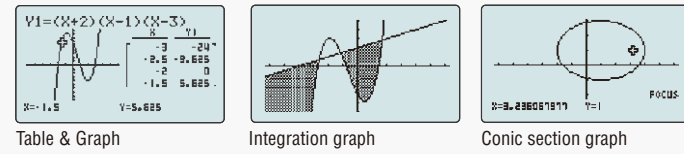


- Depreciation
- Bond calculation
- Simple interest
- Compound interest
- Investment appraisal (cash flow)
- Amortization
- Interest rate conversion (annual percentage rate and effective interest rate)
- Cost, selling price, or margin
- Day or date calculations

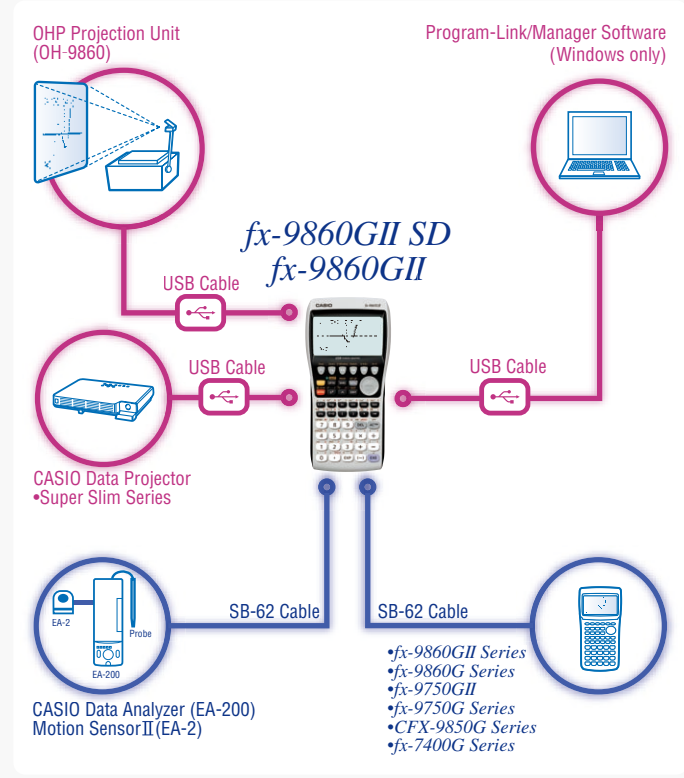
Inequality Graphing



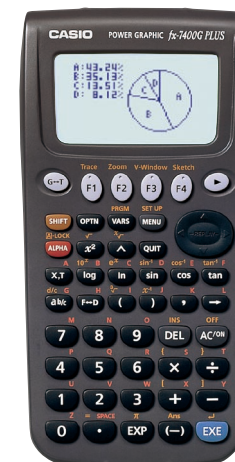
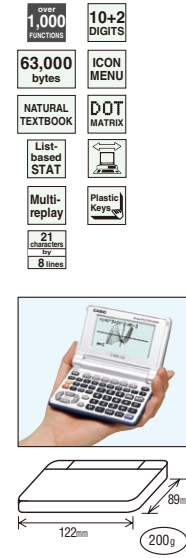
New support for graphing the inequality of an $x=\text{Constant}$ graph and $x=f(y)$ graph allows study of the area for which the x -range is defined.



Peripherals



fx-9860G Slim



fx-7400G PLUS



POWER GRAPHIC

- Large display (80 × 48 dots)
- Graphic functions (Rectangular coordinate graph, Parameter graph, Inequality graph, Integration graph, Statistical graph, View window memory, Trace, Box zoom, Sketch function)
- Table and graph • list-based statistics
- Differentials
- Fraction function
- BASIC-like program functions
- Data communication (requires optional FA-124USB for connecting with PC)



*Comes with snap-on hard case

A compact and slim body with user-friendly design and interface

User-friendly Interface

- Large display (128 × 64 dots)
- Graphic functions
- Dynamic graph • Dual graph • Conic section graph
- Regression graph • Graph solve • Integrations
- Differential and quadratic differential calculations
- Complex number calculations • Table and graph
- Recursion graph • List-based statistics
- Advanced statistics • BASIC-like program functions
- Linear equations from two to six unknowns
- Quadratic equations, Cubic equations
- Matrix operations • Base- n calculations/conversions
- Financial function • Data communications
- High-resolution LCD • High-speed CPU
- Large-capacity 1.5MB Flash Memory
- Spreadsheet • eActivity • Add-in software
- Ready-to-use USB functions • Backlight
- Help and on-screen guidance

Main Functions

GRAPHS

Draws the following types of graphs.



TRIGONOMETRY

Performs calculations for trigonometric & inverse trigonometric functions.

STATISTICS

Standard Deviation Performs calculations of single-variable statistical data and graphs the result.



Regression

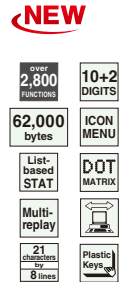
Performs calculations of paired-variable statistical data and graphs the result.

Programmable Models

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



fx-9750GII



* Comes with slide-on hard case.

POWER GRAPHIC

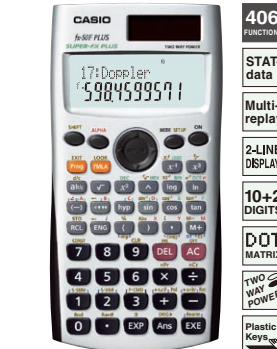
- Dot matrix display (64 × 128 dots)
- Probability • Inequality Graphing
- Rectangular coordinate graphing, Polar coordinate graphing
- Integration graph • Parametric function graphing • Trace, Zoom (box zoom, zoom in, zoom out, auto zoom) • Table and Graph • Dual Graph (table and graph, graph and graph) • 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 (nCr , nPr) • 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



SUPER-FX PLUS
fx-5800P

Natural Textbook Display and MORE POWERFUL Program Functions

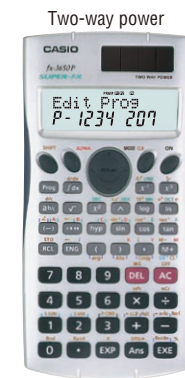
- Program function • Matrix calculations
- Differential and integration • Recursions
- Solve function • Complex number calculations
- Base- n calculations • Data transmission between two fx-5800P calculators • 26 to 2398 variables
- Fraction calculations • 40 scientific constants
- 128 built-in formulas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



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 • 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 slide-on hard case

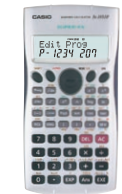


SUPER-FX
fx-3650P
SUPER-FX
fx-3950P

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

Button-type battery



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



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
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 is displayed in a clear, easy-to-read format.

*Conventional input method can also be used.

New feature! No one upgrades the classroom environment like CASIO!

Ratio calculation 95ES PLUS

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

$a:b=x:d \rightarrow 1:2=x:10$

The calculator displays the value of x.

$x=5$

1 Select the ratio type.

2 Enter the non-x coefficients.

3 Enter the non-x coefficients.

4 X-value appears on the display.

New equation mode 95ES PLUS 570ES PLUS 991ES PLUS

Input an equation...

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

The calculator displays a solution using $\sqrt{}$ and fractions.

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

Previous

NEW

1 Input an equation.

Decimal value display

$\sqrt{}$ and fraction display

Inequality 95ES PLUS

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

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

The calculator displays the solution of the inequality

$-5 < x < 3$

1 Select the inequality expression type.

2 Select the inequality symbol type.

3 Enter the non-x coefficients.

4 The inequality solution appears on the display.

The ES PLUS Series now is easier to use than ever!

Prime factorization 82ES PLUS 85ES PLUS 350ES PLUS 95ES 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.

$56 = 2^3 \times 7$

Random integers 82ES PLUS 85ES PLUS 350ES PLUS 95ES PLUS 570ES PLUS 991ES PLUS

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

The calculator displays a random integer.

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

Natural-V.P.A.M. Models

AAA-size (R03) battery

(Black)

fx-82ES PLUS

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

Two-way power

(White)

fx-85ES PLUS

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

AAA-size (LR03) battery

fx-350ES PLUS

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

fx-82ES PLUS fx-85ES PLUS fx-350ES PLUS

New functions: • Prime factorization • Random integers

Standard functions:

- Fraction calculations
- Combination and permutation
- Statistics (List-based STAT data editor, standard deviation, regression analysis)
- 9 variables
- Table function
- Comes with new slide-on hard case

Coordinate transformation

Power calculation

Statistics

Regression 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

AAA-size (R03) battery

fx-95ES PLUS

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

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

Standard functions:

- Fraction calculations
- Combination and permutation
- Statistics (List-based STAT data editor, standard deviation, regression analysis)
- 9 variables
- Table function
- Comes with new slide-on hard case

fx-82ES PLUS/85ES PLUS/350ES PLUS functions, in addition to:

- Equation calculations

Equation menu

Simultaneous linear equations

Quadratic equation

Cubic equation

AAA-size (R03) battery

fx-570ES PLUS

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

Two-way power

fx-991ES PLUS

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

New functions: • New equation mode • Random integers

Standard functions:

- Fraction calculations
- Combination and permutation
- Statistics (List-based STAT data editor, standard deviation, regression analysis)
- 9 variables
- Table function
- Comes with new slide-on hard case

fx-82ES PLUS/85ES PLUS/350ES PLUS functions, in addition to:

- Equation calculations
- Integration/differential calculations
- Matrix calculations
- Vector calculations
- Complex number calculations
- CALC function
- SOLVE function
- Base-n calculation

Integration

Complex number calculations

Differential

Vector

Matrix operations

fx-570ES PLUS fx-991ES PLUS

Natural Display Models

AAA-size (R03) battery

Two-way power

AAA-size (LR03) Alkaline battery



fx-82ES



fx-85ES



fx-350ES

249
FUNCTIONS
NATURAL
TEXTBOOK
List-based
STAT
Multi-
replay
10+2
DIGITS
DOT
MATRIX
Plastic
Keys

- Fraction calculations
- Combination and permutation
- Statistics (List-based STAT data editor, standard deviation, regression analysis)
- 7 variables
- Table function
- Comes with new slide-on hard case

AAA-size (R03) battery

- Fraction calculations
- Combination and permutation
- Statistics (List-based STAT data editor, standard deviation, regression analysis)
- 7 variables
- Table function
- Comes with new slide-on hard case

fx-82ES/85ES/350ES functions, in addition to:

- Equation calculations



fx-500ES

Two-way power



fx-991ES

AAA-size (R03) battery

403
FUNCTIONS
NATURAL
TEXTBOOK
List-based
STAT
Multi-
replay
10+2
DIGITS
DOT
MATRIX
Plastic
Keys

- Fraction calculations
- Combination and permutation
- Statistics (List-based STAT data editor, standard deviation, regression analysis)
- 7 variables
- Table function
- Comes with new slide-on hard case

fx-82ES/85ES/350ES functions, in addition to:

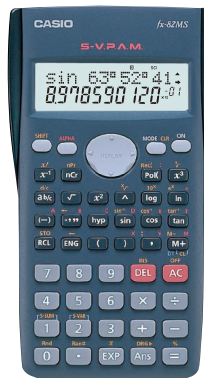
- Equation calculations
- Integration/differential calculations
- Matrix calculations
- Vector calculations
- Complex number calculations
- CALC function
- SOLVE function
- Base-*n* calculation



fx-570ES

S-V.P.A.M. Models

AA-size battery



fx-82MS

Two-way power



fx-85MS

Button-type battery

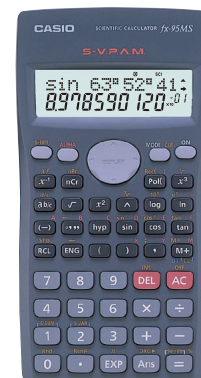


fx-350MS

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

AA-size battery



fx-95MS

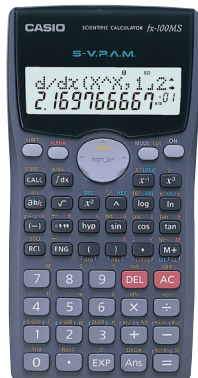
244
FUNCTIONS
S-V.P.A.M.
STAT-data
Multi-
replay
2-LINE
DISPLAY
10+2
DIGITS
DOT
MATRIX
Plastic
Keys

- 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:

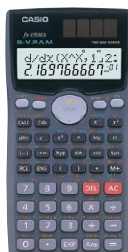
- Equation calculations

AA-size battery



fx-100MS

Two-way power



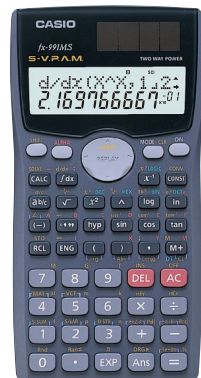
fx-115MS

- 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:

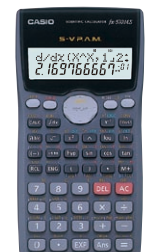
- Equation calculations
- Integration/differential calculations
- Base-*n* calculations/conversions
- Complex number calculations

Two-way power



fx-991MS

Button-type battery



fx-570MS

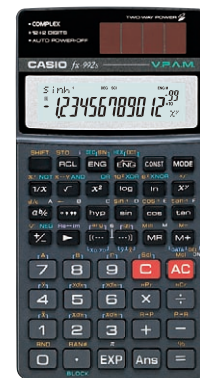
- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables
- Comes with slide-on hard case

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

V.P.A.M. Model

Two-way power



fx-992s

Built-in complex number calculations plus 128 scientific constants

- Statistical calculations
- Engineering symbol calculations
- Base-*n* calculations/conversions

383
FUNCTIONS
V.P.A.M.
12+2
DIGITS



* Comes with slide-on hard case

Entry Model

Two-way power



fx-901

150
FUNCTIONS
10+2
DIGITS

Includes cube calculations and angle unit conversions

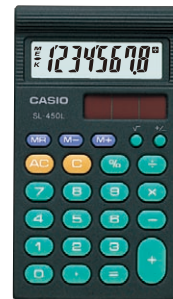
- Fraction functions
- Combination and Permutation



* Comes with slide-on hard case

School Cal

Tough, durable design with classroom features.



SL-450L 8 DIGITS

- Display: LCD
- Digits: 8
- Simple algebraic logic
- Independent memory
- Profit Margin %
- 3-digit comma markers
- Power supply: solar
- Dimensions: 7.8(H) × 67(W) × 120(D) mm
- Approximate weight: 47 g



* Comes with slide-on hard case

Financial Consultant

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

Direct mode key

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

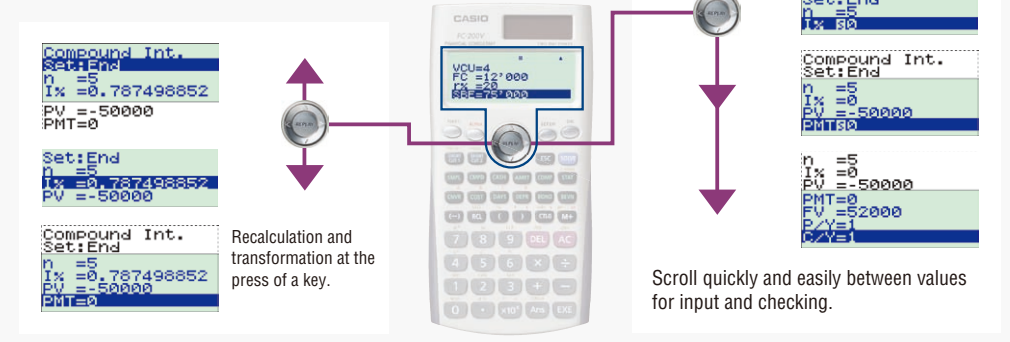
Compound interest Payment period, interest rate, deposit amount, future value	Investment Appraisal (cash flow) Net present value method, internal rate of return method, payback period method, etc.	Amortization Monthly payment, principal and interest to date	General and function Virtually the same functions as a standard calculator.
Simple interest Interest amount, principal and interest	Interest rate conversion Nominal interest rate and effective interest rate conversion	Cost, selling price, or margin Calculation of any of the above values after inputting the other two	Statistical and regression Statistical calculations using input sample data.
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	Break-even point Six modes for calculation of break-even point, etc.

Investment Appraisal (cash flow)	Break-even point	Depreciation	Interest rate conversion
NPV=16165.85599	UCV=15 FC=15000 FX=45 NPV: Solve	FP=24981.80265 RDV=70426.64735 J=3	APR=2.471803524
Compound interest	Bond calculation		
IX=0.787498852 PV=50000 PMT=0 FV=52000	PRC=-95.385821 INT=-8.980329 CST=-95.35267183		

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.



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
TECHNOLOGY

Data Analysis System Quick and accurate collection supports data analysis.



EA-200

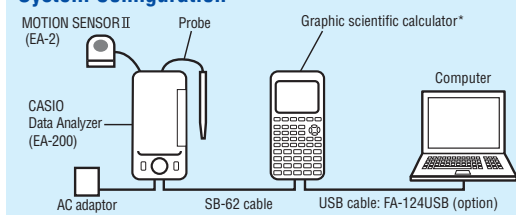
- Collect data at rates of up to 50,000 points per second for up to 120,000 points.
- Compatible with the CASIO fx-7400 series, CFx-9850 series, ALGEBRA FX 2.0 series, fx-9860G series, fx-9750 series and ClassPad series.

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 transfer 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/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/RM-ALGEBRA FX 2.0/RM-ClassPad PLUS/RM-7000/RM-9000/RM-9850Ga PLUS/OH-ClassPad 330/OH-ALGEBRA FX2.0/OH-9000/OH-9850Ga PLUS/OH-9850GB PLUS

MOTION SENSOR II

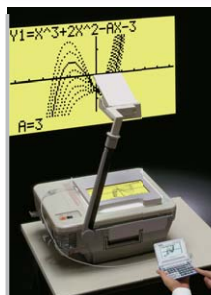
EA-2

*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.

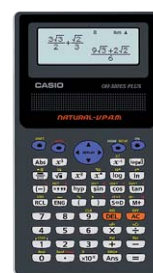
OHP Projection Unit



OH-9860
Makes lessons
more interesting

Simply use a USB cable to connect an fx-9860GII SD, fx-9860GII, fx-9750GII or fx-9860G Slim 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!



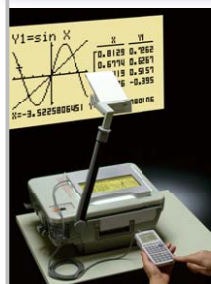
OH-300ES PLUS
OH-300ES
OH-300MS

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

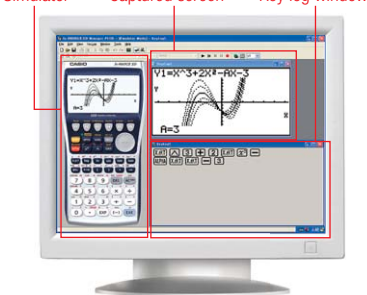
Graphic Scientific Calculator Projection Set



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.

Software

Simulator Captured screen Key log window



FA-9860A Ver. 2.0 • fx-Manager PLUS (Single License) **NEW**

FA-9860B Ver. 2.0 • fx-Manager PLUS (School License) **NEW**

- fx-9860GII SD, fx-9860GII, fx-9750GII or fx-9860G Slim 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 System: Windows® 2000 Professional, Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit) Others: Microsoft® Excel® 2000, Microsoft® Excel® 2003, or Microsoft® Excel® 2007

ClassPad Manager for ClassPad 330 Ver. 3.0

• FA-CP330A Ver. 3.0 (Single License) • FA-CP330B Ver. 3.0 (School License)

- Laplace Transform/Fourier Transform • Geometry Application • Financial Function • Differential Equation Application
- Spreadsheet Application • Data communication with ClassPad 330 series calculators

System Requirements Computer: Recommended Intel® Pentium® III 500 MHz with USB Operating Systems: Windows® 98SE/Me, Windows® 2000/XP, Windows Vista® Disk Space: 100 MB available for installation Memory: Recommended for operating system

FC EMULATOR **NEW**
(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 KeyLog (Copy and paste only)
- Emulator LCD screen image capture

System Requirements

Operating Systems: Windows® 2000, Windows® XP, Windows Vista®
* For Windows Vista, operation is supported for 32-bit versions only. 64-bit versions are not supported.

fx-ES Emulator (for fx-82ES Series Ver. 1.1)
fx-ES PLUS Emulator
(for fx-82ES PLUS Series Ver. 1.1)

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® 2000, Windows® XP, Windows Vista®
* For Windows Vista, operation is supported for 32-bit versions only. 64-bit versions are not supported.

• FA-124USB Data Communication Package **NEW**

Scientific Calculators Specification Table

		ClassPad 330	ALGEBRA FX 2.0 PLUS	fx-9860GII SD	fx-9860GII	fx-9860G Slim	fx-9750GII	fx-7400G PLUS	fx-5800P	fx-50F PLUS fx-50FH	fx-3650P
Specifications	Number of functions	(Over 1,500) ^{*6}	Over 1,500	(Over 2,900) ^{*6}	(Over 2,900) ^{*6}	(Over 1,000) ^{*6}	(Over 2,800) ^{*6}	406	664	406	279
	Power supply (Main)	AAA × 4	AAA × 4	AAA × 4	AAA × 4	AAA × 2	AAA × 4	AAA × 2	AAA × 1 (LR03)	Two-way power (Solar + LR44 × 1)	Two-way power (Solar + LR44 × 1)
	Power supply (Backup)	—	CR2032 × 1	—	—	—	—	CR2032 × 1	—	—	—
	Approximate battery life Main (hours)	140 (LR03) ^{*1}	140 (R03) ^{*2} / 230 (LR03) ^{*2}	200 (LR03) ^{*1}	200 (LR03) ^{*1}	140 (LR03) ^{*1}	230 (LR03) ^{*1}	900 (R03) ^{*2} / 1,500 (LR03) ^{*2}	1 year ^{*3}	3 years (LR44) ^{*3}	3 years (LR44) ^{*3}
	Approximate battery life Backup (years)	—	2	—	—	—	—	2	—	—	—
	Dimensions H×W×D(mm)	21 × 84 × 189.5	19.5 × 82 × 178	21.2 × 91.5 × 184	21.2 × 91.5 × 184	20.7 × 122 × 89	21.3 × 87.5 × 180.5	23 × 85.5 × 169	15.1 × 81.5 × 163	12.2 × 80 × 161	11.8 × 80 × 159
	Approximate weight (g)	280	213	225	220	200	205	185	150	105	100
	Case style	Snap-on hard	Slide-on hard	Slide-on hard	Slide-on hard	—	Slide-on hard	Snap-on hard	Integrated hard	Slide-on hard	Snap-on hard
	Dot matrix display	160 × 240 dots	64 × 128 dots	64 × 128 dots	64 × 128 dots	64 × 128 dots	64 × 128 dots	48 × 80 dots	31 × 96 dots	5 × 7 dots × 16 digits	5 × 6 dots × 12 digits
	Display capacity (characters)	20 × 17	21 × 8	21 × 8	21 × 8	21 × 8	21 × 8	13 × 6	16	16	12
	Mantissa + exponent digits	10 + 3	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 (9 + 2)	10 + 2	10 + 2	10 + 2
	Icon menus	●	●	●	●	●	●	●	—	—	—
Programming Functions	Internal operation digits	15	15	15	15	15	15	15	15	15	12
	Nested parentheses levels	Up to memory	26	26	26	26	26	26	26	24	24
	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	63,000	62,000	20,000	28,500	680	360
	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	4
	Storage memory area (Flash memory)	5.3MB	768KB	1.5MB	1.5MB	1.5MB	—	—	—	—	—
	Built-in formulas	—	—	—	—	—	—	—	128	23	—
	Natural textbook display / NATURAL-V.P.A.M.	●	—	●	●	●	—	—	●	—	—
	Key rollover function	●	—	●	●	●	●	●	●	—	—
	Replay function	(History)	●	●	●	●	●	●	●	●	●
Utilities	Multi-replay functions	(History)	●	●	●	●	●	●	●	●	●
	Replay copy	—	—	—	—	—	—	—	—	—	—
	Backspace	●	—	●	●	●	●	—	●	●	●
	CALC function	—	—	—	—	—	—	—	●	—	—
	SOLVE function	●	●	—	●	●	●	—	●	—	—
	Answer function	●	—	—	●	●	●	—	—	●	●
	Variables	Up to memory	28	28	28	28	28	26	26 – 2398	7	7
	Onboard function manual	—	—	—	—	●	—	—	—	—	—
	Syntax help	—	—	—	—	●	—	—	—	—	—
	Auto power off	●	●	●	●	●	●	●	—	●	●
Special Features	Base- <i>n</i> calculations (Binary/Octal/Hexadecimal)	●	●	●	●	●	●	—	●	●	●
	Logical operations	●	●	●	●	●	●	—	●	●	●
	Engineering symbol calculations	—	●	●	●	●	●	—	●	—	—
	Engineering notation (ENG/ENG)	—	—	●	●	●	●	—	●	●	●
	Scientific constants	—	—	—	—	—	—	—	40	40	—
	Metric conversions	—	—	—	●	—	●	—	—	—	—
CAS	Computer Algebra System	●	●	—	—	—	—	—	—	—	—
	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 /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)	● / ● / —	●	●	—	●	●	—	●	●	●
Calculus	Factorization into prime factors	●	—	—	—	—	—	—	—	—	—
	Ratio calculation	—	—	—	—	—	—	—	—	—	—
	Differentiation calculation	●	●	●	●	●	●	●	●	—	●
	Integration calculation	●	—	●	●	●	●	—	●	—	●
	Simultaneous equation	●	● (30 unknowns)	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)	—	● (5 unknowns)	—	—
	Polynomial equation	●	● (Degree 2–30)	● (Degree 2–6)	● (Degree 2–6)	● (Degree 2, 3)	● (Degree 2–6)	—	● (Degree 2, 3)	—	—
	Inequality calculation	●	—	—	—	—	—	—	—	—	—
	Table function	●	●	●	●	●	●	●	●	—	—
	Matrix calculations	●	●	—	—	—	—	—	●	—	—
	Complex number calculation	●	●	—	—	—	—	—	—	●	●
Geometry	Geometry Application	●	—	● (Preloaded)	● (Preloaded)	—	—	—	—	—	—
	Coordinate conversion (Pol, Rec)	●	●	—	—	—	●	—	●	●	●
	Vector calculations	—	—	—	—	—	—	—	—	—	—
Probability	Combination, permutation (<i>nCr</i> , <i>nPr</i>)	●	●	●	●	●	●	●	●	●	●
Statistics	Random numbers	●	●	●	●	—	—	●	●	—	●
	Random integers	●	—	—	—	—	—	—	—	—	—
	List-based STAT data editor	●	●	●	—	●	●	—	●	●	●
	Standard deviation	●	●	●	—	●	●	—	●	●	●
	Regression analysis	●	●	●	—	●	●	—	●	●	●
	Linear regression	●	—	●	—	—	—	—	●	—	●
	<i>ab</i> Exponential regression	●	—	●	—	—	—	—	—	—	—
	Advanced statistics	●	●	●	●	●	●	—	—	—	—
Finance	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, Log, Exp, Pwr	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad
	Financial function	—	—	—	—	—	—	—	—	—	—
Spreadsheet	Spreadsheet	●	—	●	●	—	—	—	—	—	—
	eActivity	●	—	●	●	● (eActivity Guide)	—	—	—	—	—
Others	Data communication	●	●	●	●	●	●	●	●	—	—
	Others	Picture, Presentation, 3D graph, DiffEq Graph	Recursions	Recursions Backlight display	Recursions Backlight display	Recursions Backlight display	Recursions	—	Recursions	—	—

*¹ Continuous operation (assuming 5 minutes calculation and 55 minutes display per hour)*² Continuous display of main menu

PRACTICAL CALCULATORS

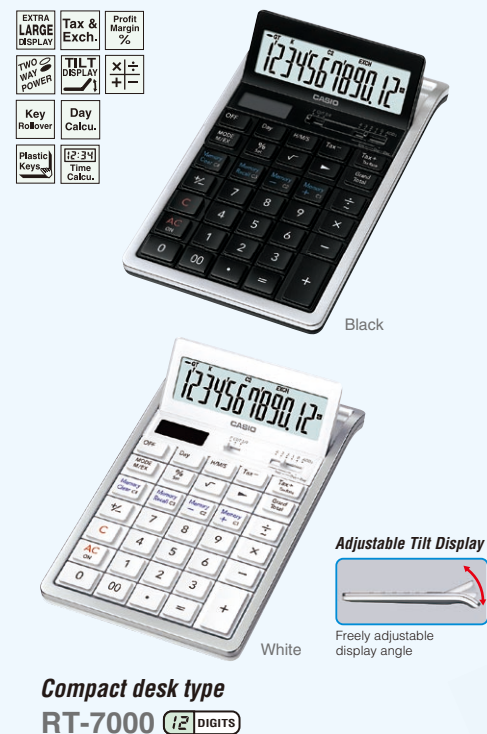
A full lineup of easy-to-use models to meet a variety of different needs.

PRACTICAL CALCULATORS

Dress up your desktop with your favorite design.

A choice of colours to suit your style.

The Designer Calculator



New Stylish & Cool Design



Model	Digits	Independent memory	GT	%	Profit margin %	MU	✓	÷	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions HxWxD (mm)	Approximate weight (g)	Case	Others
RT-7000	12	○	○	○	○	—	○	○	○	○	○	○	○	○	—	0.1,2,3,4	○	Two-way power	19.7x108.5x180	250	—	Day/Date Calculations
JW-200TV	12	○	○	○	○	—	○	○	○	○	○	○	○	○	—	0.1,2,3,4	○	Two-way power	26.1x107x178.5	170	—	—
SL-1100TV	10	○	—	○	○	—	○	○	○	○	○	—	—	—	—	—	—	Two-way power	85x70x118.5	60	Wallet	—
MS-10VC	10	○	—	○	○	—	○	○	○	○	○	—	—	—	—	—	—	Two-way power	26.2x105.5x144	100	—	—
SL-300VC	8	○	—	○	○	—	○	○	○	○	○	—	—	—	—	—	—	Two-way power	8x70x118.5	50	Wallet	—
MS-6VC	8	○	—	○	○	—	○	○	○	○	○	—	—	—	—	—	—	Two-way power	19.2x87x120.5	70	—	—
SL-100VC	8	○	—	○	○	—	○	○	○	○	○	—	—	—	—	—	—	Two-way power	13.5x91x55 9.4x91x110.5	55	—	—

③ Folded ④ Unfolded

My Colour Selection



Designed and engineered for performance.

Packed with special-purpose features.

HEAVY
DUTY
Calculator

What makes a CASIO "HEAVY DUTY Calculator"?

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

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

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

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

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.

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 nothing is lost even during high-speed input.

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

JS-120TV

Actual size

Key cross section

* Photos show JS-120TV calculator and display.

Check Calculator

120 STEPS CHECK
LARGE DISPLAY
TWO WAY POWER
Key Rollover
Plastic Keys

150 STEPS CHECK
TAX
%
MU
Key Rollover
Plastic Keys

150 STEPS CHECK
TAX
%
MU
Key Rollover
Plastic Keys

150 STEPS CHECK
TAX
%
MU
Key Rollover
Plastic Keys

DJ-240
14 DIGITS

DJ-220
12 DIGITS

NEW
DJ-120TG
12 DIGITS

NEW
JJ-120TG
12 DIGITS

NEW
MJ-120TG
12 DIGITS

MJ-100TG
10 DIGITS

150 Steps Check

*120 Steps DJ-240/DJ-220

Review and Auto Review

150 STEPS CHECK
Review up to 150 calculation steps.

Example

123+456+...-321=149765

Step 1 Step 2 Step 149 Step 150

123 456 7890 1234

150 STEPS CHECK

Review!

AUTO REVIEW Auto Review by pressing one single button

Correct (all models)

CORRECT Quick and easy step editing!

Double Check (DJ-220 / DJ-240 only)

AUDIO CHECK Compare the results of two calculations!

Answer Memory (DJ-220 / DJ-240 only)

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

Go To (DJ-120TG / JJ-120TG / MJ-120TG / MJ-100TG)

GO TO Go To feature instantly jumps to a specific step!

Insert / Delete (DJ-220 / DJ-240 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 120, you will not be able to review them later.

Example

Current calculation: $(20-5-5) \times 3 \div 5 = 6$ Revised calculation: $[(20-5) \times 3 \div 5 = 9] + 10 = 19$

REV 20

REV 5

REV 5

REV 3

REV 5

REV 9

REV 10

REV 19

Desk-Top Type

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

HEAVY DUTY Calculator

DS-3V 14 DIGITS

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

HEAVY DUTY Calculator

DS-2TV 12 DIGITS

DS-1TV 10 DIGITS

Compact Desk Type

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

HEAVY DUTY Calculator

JS-140V 14 DIGITS

Adjustable Tilt Display

Freely adjustable display angle

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

HEAVY DUTY Calculator

JS-40V 14 DIGITS

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

HEAVY DUTY Calculator

JS-120TV 12 DIGITS

JS-110TV 10 DIGITS

Adjustable Tilt Display

Freely adjustable display angle

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

HEAVY DUTY Calculator

JS-20TV 12 DIGITS

JS-10TV 10 DIGITS

Metric Converter

LARGE DISPLAY
TWO WAY POWER
Conversion Memory

MC-100 8 DIGITS

Water-protected and Dust-proof Calculator

Desk-Top type

WD-220T 12 DIGITS

Durability and endurance for professional and general users
• Complies with IEC 60529 IP 54 (water protect and dust proof)

Mini desk type

WM-220T 12 DIGITS

WM-200T 10 DIGITS

3-Line Display Calculator

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

DF-320TM 12 DIGITS

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

MS-310TM 12 DIGITS

Cost, Selling Price and Margin Calculations

For Shopkeepers & Traders
Perform the operations shown below to calculate cost, selling price, and margin.

COST+ 1234567890 12 cost

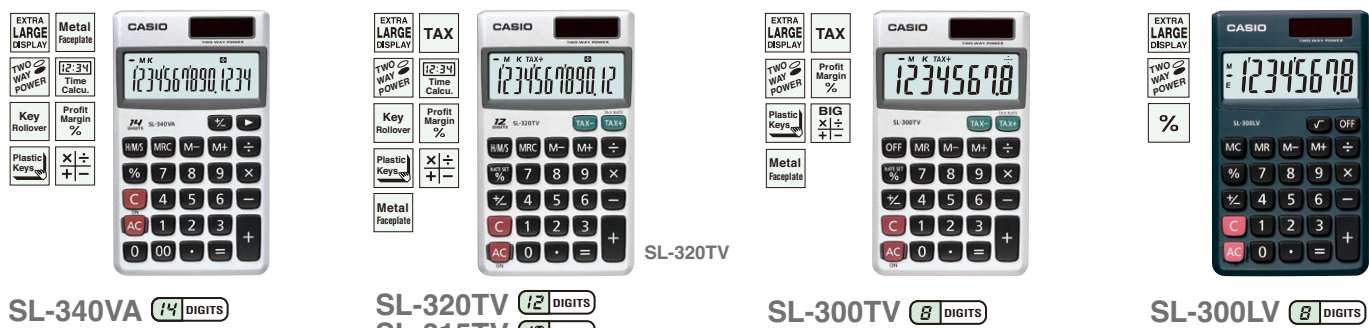
MAR+ 25% margin

= 1646090520 16 selling price

Model	Digits	Independent memory	GT	%	Profit margin %	✓	+/-	3-digit comma markers	Time calculation	Tax calculation	5/4 Cut Up	Decimal selector	ADD mode	Power supply	Dimensions HxWxD (mm)	Approximate weight (g)
DS-3V	14	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	47.8x148x186	290
DS-2TV	12	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	47.8x148x186	290
DS-1TV	10	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	47.8x148x186	290
JS-140V	14	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	24.6x107x176.5	180
JS-120TV	12	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	24.6x107x176.5	180
JS-110TV	10	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	24.6x107x176.5	180
JS-40V	14	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	24.2x107x174.5	195
JS-20TV	12	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	24.2x107x174.5	195
JS-10TV	10	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	24.2x107x174.5	195

Model	Digits	Independent memory	Cost/Sell/Margin	GT	%	Profit margin %	MU	✓	+/-	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4 Cut Up	Decimal selector	ADD mode	Power supply	Dimensions HxWxD (mm)	Approximate weight (g)	Case	Others
DJ-240/220	14 12	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	35.7x147x203.5	250	—	120 T P
DJ-120TG	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	35x140x191	205	—	150 T P
JJ-120TG	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	25.2x107x178.5	140	—	150 T P
MJ-120TG/100TG	12 10	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	30.1x123x140	130	—	150 T P
MC-100	8	○	○	○	○	○	○	○	○	○	○	○	○	○	—	—	Two-way power	6.1x70x117	42	Wallet	etric con ersion
WD-220T	12	○	○	○	○	○	○	○	○	○	○	○	○	○	—	—	Two-way power	34x139x187.5	255	—	—
WM-220T/200T	12 10	○	○	○	○	○	○	○	○	○	○	○	○	○	—	—	Two-way power	34.6x104x153.5	135	—	—
DF-320TM	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	32.3x124x179.5	200	—	—
MS-310TM	10	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	30x103x156	120	—	—

Portable Type



Model	Digits	Independent memory	GT	%	Profit margin %	Key rollover	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	Power supply	Approximate battery life (hours)	Dimensions HxWxD (mm)	Approximate weight (g)	Case
LC-1000TV	10													LR54x1	5,500	7.5x70x118.5	50	Wallet
LC-401LV	8													LR54x1	4,500	7.5x70x118.5	70	Hard
LC-403TV	8													LR54x1	7,500	7.5x70x118.5	50	Wallet
LC-160LV	8													LR54x1	6,500	7.5x70x118.5	35	Hard
SL-340VA	14													Two-way power		7.5x70x118.5	50	Wallet
SL-320TV	12													Two-way power		7.5x70x118.5	50	Wallet
SL-315TV	10													Two-way power		7.5x70x118.5	50	Wallet
SL-300TV	8													Two-way power		7.5x70x118.5	50	Wallet
SL-300LV	8													Two-way power		7.5x70x118.5	50	Wallet
SL-240LB	14												2	Two-way power		12.5x120x73	76	
SL-220TE	12												2	Two-way power		12.5x120x73	76	
SL-210TE	10												2	Two-way power		12.5x120x73	75.5	
SL-200TE	8													Two-way power		12.5x120x73	76	
SL-100L	8													Two-way power		13.5x91x55	55	

Portable Type



Model	Digits	Independent memory	GT	%	Profit margin %	MU	Key rollover	3-digit comma markers	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	Power supply	Approximate battery life (hours)	Dimensions HxWxD (mm)	Approximate weight (g)	Case
SL-797TV	8													Two-way power		6.9x57x102	35	Wallet
SL-787TV	8													Two-way power		6.3x91.5x58	30	Wallet
SL-760LB	8													Solar		2.9x85.5x54	15	Soft
HL-122TV	12												2	AA (LR6 or R6P)x1	17,500	19.5x77x141	115	Soft
HL-100LB	10													AA (LR6 or R6P)x1	2 yrs.	18x69.5x118	65	
HL-820VA	8													LR54x1	2 yrs.	6.9x57x102	35	Wallet
HL-820LV	8													LR54x1	6,500	10x62.5x104	45	Hard
HL-815L	8													AA (LR6 or R6P)x1	2 yrs.	18x69.5x118	65	
HL-4A	8													LR54x1	6,500	8.8x56x87	25	
HS-8VA	8													Two-way power		6.9x57x102	35	Wallet
HS-8LV	8													Two-way power		6.7x57x102	35	Wallet

LR54=LR1130
LR6=AM3, R6P=UM-3

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Value Series

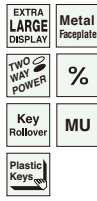
Desk-Top Type



NEW
GX-16S 15 DIGITS



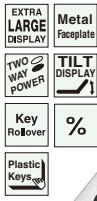
NEW
GX-14S 14 DIGITS



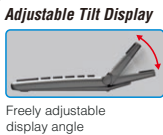
NEW
GX-120S 12 DIGITS



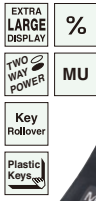
NEW
GX-12S 12 DIGITS



NEW
DX-120ST 12 DIGITS



NEW
DX-120S 12 DIGITS

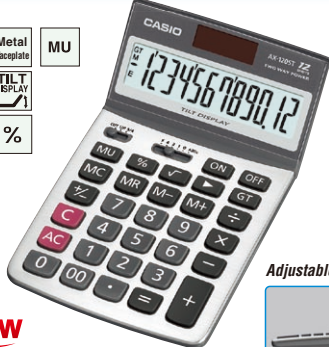
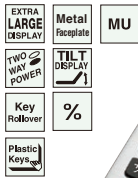


NEW
DX-12S 12 DIGITS

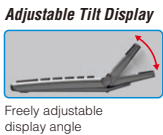
Model	Digits	Independent memory	GT	%	MU		+/-		3-digit comma markers	Item counter	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions HxWxD (mm)	Approximate weight (g)
GX-16S	16	2	—	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	34.5x155x210	230
GX-14S	14	2	—	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	34.5x155x210	230
GX-120S	12	2	—	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	35.5x155x210	260
GX-12S	12	2	—	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	34.5x155x210	230
DX-120ST	12	○	○	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	32.7x122.5x177.5	195
DX-120S	12	○	○	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	36x126x175	190
DX-12S	12	○	○	○	○	○	○	○	○	—	○	○	○	0,1,2,4	○	Two-way power	35x126x175	170

Value Series

Compact Desk Type



NEW
AX-120ST 12 DIGITS

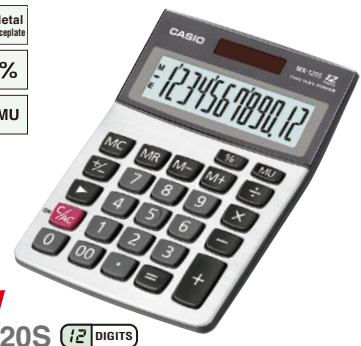
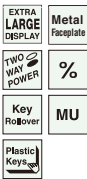


NEW
AX-120S 12 DIGITS



NEW
AX-12S 12 DIGITS

Mini Desk Type



NEW
MX-120S 12 DIGITS

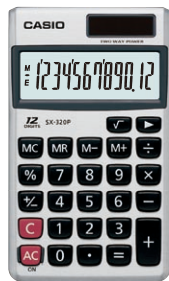


NEW
MX-12S 12 DIGITS

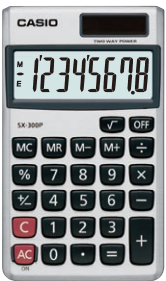
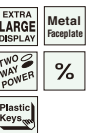


NEW
MX-8S 8 DIGITS

Portable Type



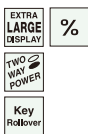
SX-320P 12 DIGITS



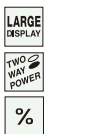
SX-300P 8 DIGITS



SX-300 8 DIGITS



DUAL LEAF
SX-220 12 DIGITS



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 HxWxD (mm)	Approximate weight (g)	Case
AX-120ST	12	○	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	26.1x107x178.5	170	—
AX-120S	12	○	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	29.3x107x175.5	165	—
AX-12S	12	○	○	○	○	○	○	○	○	○	○	○	0,1,2,4	○	Two-way power	25x107x176	145	—
MX-120S	12	○	—	○	○	—	○	○	○	—	—	—	—	—	Two-way power	30.7x103x145	120	—
MX-12S	12	○	—	○	○	—	○	○	○	—	—	—	—	—	Two-way power	31.7x103x145	100	—
MX-8S	8	○	—	○	○	○	○	—	○	—	—	—	—	—	Two-way power	31.7x103x145	100	—
SX-320P	12	○	—	○	—	○	○	○	○	—	—	—	—	—	Two-way power	7.5x70x118.5	50	Wallet
SX-300P	8	○	—	○	—	○	○	—	○	—	—	—	—	—	Two-way power	7.5x70x118.5	50	Wallet
SX-300	8	○	—	○	—	○	○	—	○	—	—	—	—	—	Two-way power	7.5x70x118.5	50	Wallet
SX-220	12	○	○	○	—	○	○	○	○	—	—	—	—	—	Two-way power	12.5x120x73 6.5x120x141	80	—
SX-100	8	○	—	○	—	○	○	—	○	—	—	—	—	—	Two-way power	13.5x91x55 9.4x91x110.5	55	—

②Folded ①Unfolded

PRINTING CALCULATORS

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

PRINTING CALCULATORS

Mini-printer



BK (Cool Black)

HR-8TM 12 DIGITS

GY (Light Gray)

Compact Type



HR-100TM 12 DIGITS



HR-150TM 12 DIGITS

Desk-Top Type



FR-2650T 12 DIGITS



DR-120TM 12 DIGITS

WE (White)



DR-140TM 14 DIGITS

Heavy-duty Type



DR-210TM 12 DIGITS



DR-240TM 14 DIGITS



DR-270TM 12 DIGITS



Prints the current time and date

Thermal Printer

Quick (approximately 8 lines/sec.) and quiet



DR-T120 12 DIGITS



DR-T140 14 DIGITS



DR-T220 12 DIGITS

*Supplies extremely limited

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 (Excluding Thermal Printer)

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?

1 CA 150 (SELL) 150.
2 30 (MAR) 105.
3 (MAR) 45.
(COST) 105.

• • 0 • • C A
150 • S * ← ① Selling price
30 • M % ← ② Margin (%)
105 • C ♦ ← Cost
30 • M % ← ③ Margin (%)
45 • M T ← Margin amount

Selling Price

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

1 CA 120 (COST) 120.
2 40 (MAR) 200.
3 (MAR) 80.
(SELL) 200.

• • 0 • • C A
120 • C ♦ ← ① Cost
40 • M % ← ② Margin (%)
200 • S * ← Selling price
40 • M % ← ③ Margin (%)
80 • M T ← Margin amount

Margin

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

1 CA 1000 (COST) 1'000.
2 2000 (SELL) 50.

• • 0 • • C A
1'000 • C ♦ ← ① Cost
2'000 • S * ← ② Selling price
50 • M % ← Margin (%)

*Print sample: DR-120TM

Model	Display	Digits	Simple algebraic logic	Adding machine	Sub-total/Total	GT	Independent memory	Cost/Sell/Margin	%	Profit margin %	MU/MD	+/-		3-digit comma markers	2-colour printing	Tax calculation	Exchange calculation	Item counter	5/4	Cut	Up	Decimal selector	ADD mode	Power supply BatteryAC 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×4AD-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×4AD-A60024	IR-40T	58	2.0 ^{*1}	67×165.5×285	520g	Average calculation
HR-150TM	LCD	12	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	—	—	0.2,3	○	AA×4AD-A60024	IR-40T	58	2.4 ^{*1}	67.4×196×317	700g	Average calculation
FR-2650T	Digitron	12	—	○	○	○	○	—	○	—	○	—	—	○	○	—	○	○	○	○	—	0.2,3,4	○	—AC only	IR-40T	58	2.4 ^{*1}	70×206×335	1.1kg	—
DR-120TM	Digitron	12	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	0-6	○	—AC only	RB-02	58	3.5 ^{*2}	109.3×214.5×382	1.7kg	Average calculation
DR-140TM	Digitron	14	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	0-6	○	—AC only	RB-02	58	3.5 ^{*2}	109.3×214.5×382	1.7kg	Average calculation, 
DR-210TM	Digitron	12	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	0-6	○	—AC only	RB-02	58	4.4 ^{*2}	109.3×214.5×382	1.7kg	Data print function
DR-240TM	Digitron	14	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	0-6	○	—AC only	RB-02	58	4.4 ^{*2}	109.3×214.5×382	1.7kg	Data print function, 
DR-270TM	Digitron	12	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	0-6	○	—AC only	RB-02	58	4.8 ^{*2}	109.3×214.5×382	1.9kg	Clock & Calendar

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

Model	Digits	Independent memory	Date/time display	%	MU/MD	Constant calculation	Total and grand total	Repeat addition, subtraction, ADD mode	Item counter	00 key 000/000 key	3-digit Separator display	3-digit separator printing	Auto power off	Cut off / Round off	Paper width (mm)	Print speed (lines/s)	Per character print size (mm)	Variable print font	Memory print	Calculation check	Power Supply	Dimensions H × W × D (mm) Weight (kg) (excluding battery)
DR-T120	12	○	○	○	○	○	○	○	○	00	○	○	No (30-minute auto return to timekeeping)	○	58	8.0*3	Font - B	—	—	—	AC only (built-in backup battery)	91×340×213, 1.7
DR-T140	14	○	○	○	○	○	○	○	000	○	○	○		○	58	8.0*3	Font - B	—	—	—		91×340×213, 1.7
DR-T220	12	○	○	○	○	○	○	○	00	○	○	○		○	58	8.0*3	Font - B, A(2.832), C(3.499)	○	○	○		91×340×213, 1.7

*3 Average speed of half line among the printout digits.

LABEL PRINTERS

Wide Selection of Label-making Functions for Various Circumstances!

LABEL PRINTERS

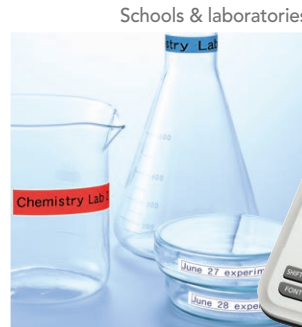
EZ-Label Printer **LABEL IT!**



Plant facilities



Office



Schools & laboratories



NEW
KL-7400

A Business Label Printer for Use in Every Office and Industry



Construction sites



Stores & markets

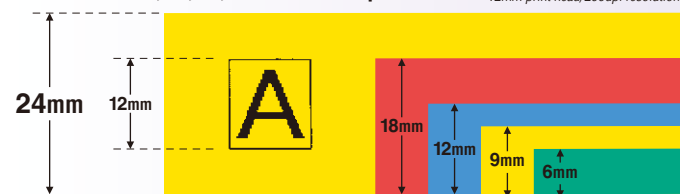


Schools

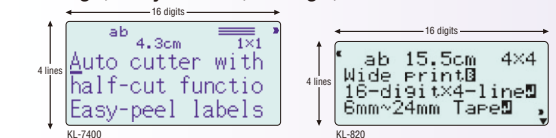


KL-820

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.



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

■ 5 installed fonts



■ Print preview



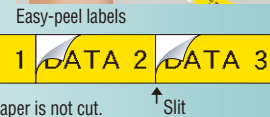
■ Barcode printing

Prints barcodes for efficient merchandise control.

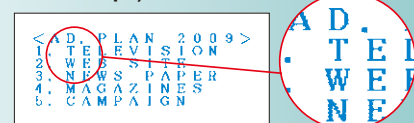


KL-7400 Only
■ Auto cutter with half-cut function.

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.



■ 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.



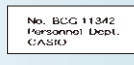
■ Numbering

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

Personal model with basic functions!



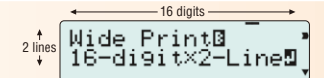
KL-60

The portable, easy-to-use Chinese label printer / 只中文



KL-170 PLUS

■ Large 16-digit, 2-line LCD



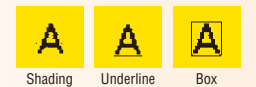
■ Handles 18, 12, 9 and 6mm tape widths.

■ 12mm print head/200dpi resolution

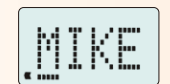
■ Prints up to 2 lines (18 or 12mm tape).

■ Print preview

■ 3 character effects



■ 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

■ 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
LCD	128 x 64 dots	96 x 32 dots	96 x 16 dots	5 x 7 dots x cursor	64 x 16 dots
Display	Display (input data)	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	200dpi / 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)	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-AD-A95100 *6. Continuous printing

*7. The height dimension includes the feet. *8. Not including batteries

Label Printer Options

Colour Tape (8mm)

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 - 8mm)

Width	18mm	12mm	9mm
RED on WHITE	XR-18WR1	XR-12WR1	XR-9WR1
BLUE on WHITE	XR-18WB1	XR-12WB1	XR-9WB1

Iron-on Transfer Tape (5mm)

Width	18mm
BLACK INK	XR-118BK1

Chocolates

Football highlights '09
England vs. Brazil

Andy

Household accounts

SALES PROMOTION MATERIALS

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

Display Stand for Practical Calculators

- Size: L420 × W650 × H1,870mm
- Weight: approx. 30.0 kg

NEW



Display Stand for Colourful Calculators

- Size: L400 × W400 × H1,800mm
- Weight: approx. 7.0 kg

NEW



Display Stand for Label Printers

- Size: L400 × W500 × H1,800mm
- Weight: approx. 28.0 kg

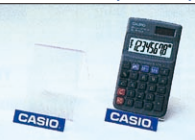


CASIO Logo Sticker



- Size: 210 × 297mm

Unit Stand (PPSD7)



- Size: 76H × 66W × 95Dmm
- Weight: 25g

Display Stand for Stylish Calculators*

- Size: L355 × W420 × H25mm
- Weight: approx. 3.2 kg



* Stylish Calculators shown in the photo are included.

Attention Pop Kit for Label Printers

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



Attention Pop Board for Colourful Calculators



- Size: L500 × W600 × H50mm

NEW

Display Tool Kit for Practical Calculators



- Display stand
Size: (L250 × W450 × H320mm) × 1
- Attention POP × 6
- Poster × 3
- Banner × 1

Display Tool Kit for Scientific Calculators ES Series



- Poster × 2
- Panel × 1
- Stuffer (with box) × 100 pcs/box
- Banner × 1
- POP product advertisement × 5
- Card for sales staff explanations × 1

NEWSPAPER/MAGAZINE ADVERTISEMENT

Scientific Calculator Artwork



Brand Artwork

Financial Consultant Artwork



FC-200V / 100V

MS Series



ES Series

Printing Calculator Artwork



Cost, selling Price and Margin models

Check Calculator Artwork

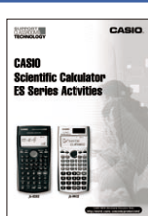


NEW

ROADSHOW KIT FOR SCIENTIFIC CALCULATORS



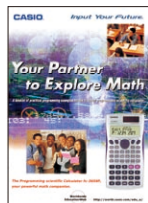
ACTIVITIES



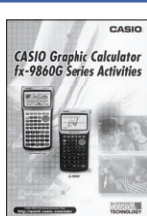
Scientific Calculator

Activities for ES Series

(Activities for MS Series are also available.)



“Your Partner to Explore Math”
Activities for fx-3650P



Graphic Calculator

Activities for fx-9860G Series



Financial Consultant

Calculation Examples for FC-200V/100V

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FUNCTION SYMBOLS

Scientific Calculator/Financial Consultant

	Number of functions		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.		Data communication with a personal computer Allows data communication with a personal computer.
	NATURAL V.P.A.M. display		Multi-replay Quick and easy recall of previously executed formulas for editing and re-execution.		Super solar Solar cell powers calculations even when lighting is relatively dim.
	Natural textbook display Display expression same as textbook.		10 + 2 digits 10-digit mantissa + 2-digit exponential display.		Plastic keys Designed and engineered for easy operation.
	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.		Colour display Data is shown in three colours for quick and easy comprehension.		Profit margin percent [%] key gives quick access to prices and profits, and also delivers add-ons, discounts, ratios, increase/decrease values and regular percentages.
	V.P.A.M. (Visually Perfect Algebraic Method) Calculations exactly as they are written. Calculation status symbols and intermediate display capabilities help make calculations easier.		Icon menu Specify the operation you want to perform by selecting an icon or inputting a number.		Function command signs A symbol (+, -, x, ÷) on the display indicates the type of operation you are currently performing.
	STAT-data editor Back-step viewing and editing of input data.		Dot matrix display High-resolution screen provides beautiful looking graphs every time.		
			Two-way power (Solar + Battery) Solar powered in sunlight, battery powered when lighting is low.		

Practical Calculator/Printing Calculator

	Extra Large display Larger display makes more data easier to read.		Tax calculation Automatic calculation of price plus tax, price less tax, discount, selling price, tax amount, discount amount, and margin amount.		Super command signs Big, easy-to-read command signs show your current operation at a glance.
	Large display Large, easy-to-read display.		Tilt Display The degree of display can be adjusted freely.		Function command signs A symbol (+, -, x, ÷) on the display indicates the status of operation you are currently performing.
	Two-way power (Solar + Battery) Solar powered when light is sufficient, battery powered when light is insufficient.		Day/Date calculation Day/Date calculations allow easy input and calculation of duration or date.		Clock & Calendar Printing the current time and date.
	Super solar Solar cell powers calculations even when lighting is relatively dim.		Time calculation Time calculation allows easy input and calculation of hour, minute, and second values.		120/150 steps check Displays up to 120 or 150 previous calculation steps.
	Key rollover Key operations are stored in a buffer, so nothing is lost even during high-speed input.		Metric conversion function Conversion between metric units and another measurement unit.		Line printing Line printing for higher speed, superior print quality, and quieter operation.
	Plastic keys Designed and engineered for easy operation.		Profit margin percent [%] key gives quick access to prices and profits, and also delivers add-ons, discounts, ratios and increase/decrease values.		2-colour printing Positive values are shown in black, and negative values are shown in red for easy checking.
	Durable metal Faceplate Tough cover stands up to rough treatment.		Regular percent Regular percentage calculations.		3.5 line-per-second printing The value indicates the number of lines printed per second.
	Cost/Sell/Margin Calculate the cost, selling price, or margin of profit on an item, given the other two values.		Mark-up/Mark-down All the mark-up/mark-down capabilities of an adding machine for simplified cost and profit calculations.		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.
	Tax & exchange function Tax calculation and currency conversion functions.				

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

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