

CASIO®

Your Best Answer **Reliable & Durable**

ELECTRONIC CALCULATORS

General Catalogue 2011-2012



<http://world.casio.com/>

From the classroom to the office, CASIO has the calculator that's just right for you.



SCIENTIFIC CALCULATORS

P.3~16



PRACTICAL CALCULATORS

P.17~28



PRINTING CALCULATORS

P.29~30



LABEL PRINTERS

P.31~32



Scientific Calculator/Financial Consultant

- 763 FUNCTIONS** **1,500 OVER 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. (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.
- 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.
- 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.
- SUPER SOLAR** **Super solar**
Solar cell powers calculations even when lighting is relatively dim.
- Plastic Keys** **Plastic keys**
Designed and engineered for easy operation.
- Profit Margin %** **Profit margin percent**
[%] key gives quick access to prices and profits, and also delivers add-ons, discounts, ratios, increase/decrease values and regular percentages.
- Function command signs**
A symbol (+, -, x, ÷) on the display indicates the type of operation you are currently performing.

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 (+, -, x, ÷) 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.

MODEL INDEX *Red numbers indicate new models.*

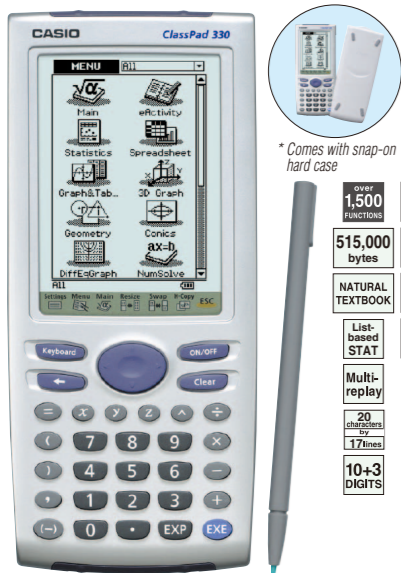
Model	Page	Model	Page	Model	Page	Model	Page
A		DR-T220	30	fx-82ES PLUS-WE (B)	10	GX-14S	27
ALGEBRA FX 2.0 PLUS	4	DS-1TS	19	fx-82MS (B)	11	GX-16S	27
AX-12S	28	DS-1TS-GD	19	fx-85ES (B)	11	GX-120S (B)	27
AX-120S (B)	28	DS-2TS	19	fx-85ES PLUS (B)	10		
AX-120ST	28	DS-2TS-GD	19	fx-85MS (B)	11	H	
		DS-3TS	19	fx-95ES PLUS (B)	10	HL-4A (B)	26
C		DS-120TV	23	fx-95MS (B)	11	HL-100LB	26
ClassPad 330	3	DV-220 (B)	22	fx-100MS	26	HL-122TV	26
D		DW-120MS	23	fx-115MS	11	HL-815L-BK (B)	26
D-20L (B)	23	DX-12S	27	fx-350ES (B)	26	HL-815L-WE (B)	26
D-40L	23	DX-120S (B)	27	fx-350ES PLUS (B)	10	HL-820LV-BK	26
D-60L	23	DX-120ST	27	fx-350MS (B)	11	HL-820LV-WE	26
D-120S	23			fx-500ES (B)	26	HL-820VA (B)	26
DF-120MS	23	E		fx-570ES (B)	29	HR-8TM-BK	29
DF-320TM (B)	22	EA-2	13	fx-570ES PLUS (B)	10	HR-8TM-GY	29
DJ-120D	20	EA-200	13	fx-570MS (B)	11	HR-8TM-RD	29
DJ-220D	20			fx-991ES (B)	11	HR-100TM	29
DJ-240D	20	F		fx-991ES PLUS (B)	10	HR-150TM	29
DM-1200MS	23	FA-CP330A/B Ver. 3.0	13	fx-991MS (B)	11	HS-8LV-BK (B)	26
DM-1200S	23	FA-124USB	13	fx-992S	26	HS-8LV-WE (B)	26
DM-1400S	23	FA-9860A/B Ver. 2.0	12	fx-3650P	8	HS-8VA (B)	26
DM-1600S	23	FC EMULATOR	13	fx-3950P	8		
DR-120TM-BK	29	FC-100V	12	fx-4500PA	8	J	
DR-120TM-WE	29	FC-200V	8	fx-5800P	8	J-120S (B)	24
DR-140TM	29	FR-2650T	29	fx-7400GII (C)	8	JF-120MS	24
DR-210TM	30	fx-ES Emulator	13	fx-9750GII (C)	7	JJ-120D	20
DR-240TM	30	fx-ES PLUS Emulator	13	fx-9860GII (C)	5	JS-10TS	19
DR-270TM	30	fx-50F PLUS	8	fx-9860GII SD (C)	5	JS-20TS	19
DR-T120	30	fx-50FH	8			JS-40TS	19
DR-T140	30	fx-82ES (B)	11	G		JS-120TVS-BK	19
		fx-82ES PLUS-BK (B)	10	GX-12S	27	JS-120TVS-SR	19

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

JS-140TVS-BK	19	MS-7TV (B)	24	N		SL-300VC-RD (B)	18
JS-140TVS-SR	19	MS-8S (B)	24	NS-20T	24	SL-300VC-WE (B)	18
JV-220 (B)	22	MS-10S (B)	24			SL-300VC-YW (B)	18
JW-120MS	24	MS-10VC-BE (B)	18	O		SL-315TV	25
JW-210TV-BK (B)	17	MS-10VC-BK (B)	18	OH-ClassPad 330 SET	13	SL-320TV	25
JW-210TV-BU (B)	17	MS-10VC-BU (B)	18	OH-300ES	13	SL-340VA	12
JW-210TV-OE (B)	17	MS-10VC-GN (B)	18	OH-300ES PLUS	13	SL-450L	25
JW-210TV-RD (B)	17	MS-10VC-OE (B)	18	OH-300MS	13	SL-760LC-BK	26
JW-210TV-WE (B)	17	MS-10VC-PK (B)	18	OH-9860	13	SL-760LC-GD	26
		MS-10VC-PL (B)	18			SL-787TV-BK (B)	26
K		MS-10VC-RD (B)	18	R		SL-787TV-GD (B)	26
KL-60	32	MS-10VC-WE (B)	18	RT-7000-BK	17	SL-797TV-BK (B)	26
KL-120 (C)	32	MS-10VC-YW (B)	18	RT-7000-WE	17	SL-797TV-GD (B)	26
KL-170 PLUS (W)	32					SL-1110TV-BK (B)	17
KL-820 (C)	31	MS-20S (B)	24	S		SL-1110TV-BU (B)	17
KL-7400	31	MS-80S (B)	24	SL-100L (B)	25	SL-1110TV-OE (B)	17
		MS-100MS	24	SL-100VC-BU (B)	18	SL-1110TV-RD (B)	17
L		MS-120MS	24	SL-100VC-OE (B)	18	SL-1110TV-WE (B)	17
LC-160LV-BK	25	MS-170TV	24	SL-200TE (B)	25	SX-100	28
LC-160LV-WE	25	MS-270TV	24	SL-210TE (B)	25	SX-220	28
LC-401LV-BK	25	MS-310TM (B)	22	SL-220TE	25	SX-300	28
LC-401LV-WE	25	MS-470V	24	SL-240LB	25	SX-300P	28
LC-403TV (B)	25	MV-210 (B)	22	SL-300LV	25	SX-320P	28
LC-1000TV	25	MW-5V-BK	24	SL-300TV (B)	25		
		MW-5V-WE	24	SL-300VC-BE (B)	18	W	
M		MW-8V-BK	24	SL-300VC-BK (B)	18	WD-220T (B)	22
MJ-100D	20	MW-8V-WE	24	SL-300VC-BU (B)	18	WM-200T (B)	22
MJ-120D	20	MX-8S	28	SL-300VC-GN (B)	18	WM-220T (B)	22
MS-6VC-BU (B)	18	MX-12S (B)	28	SL-300VC-OE (B)	18		
MS-6VC-GN (B)	18			SL-300VC-PK (B)	18		
MS-6VC-RD (B)	18			SL-300VC-PL (B)	18		
MS-6VC-YW (B)	18						

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

* Items without letter code are available with standard packaging only. 2



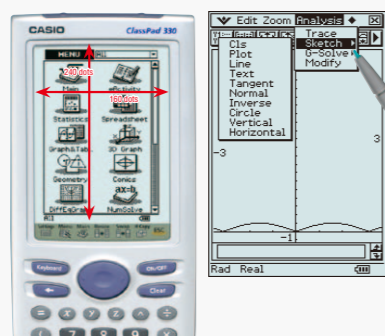
* Comes with snap-on hard case

- over 1,500 FUNCTIONS
- 515,000 bytes
- NATURAL TEXTBOOK
- ICON MENU
- DOT MATRIX
- List-based STAT
- Multi-replay
- 20 screens by 17ms
- 10+3 digits
- Plastic Keys

User-friendly Interface

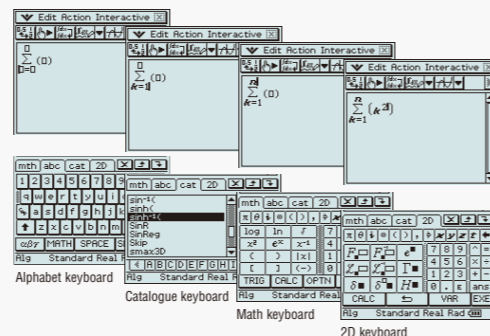
Pen Touch Operation

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.



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.

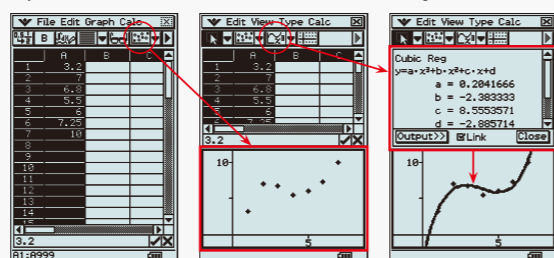
Financial Application

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

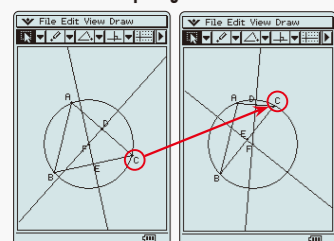
Improved Spreadsheet Application

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, Cellf, and Histogram/Box-whisker graphing.



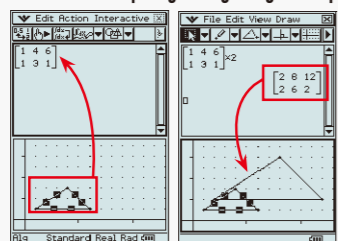
Geometry Application

Geometric Graphing



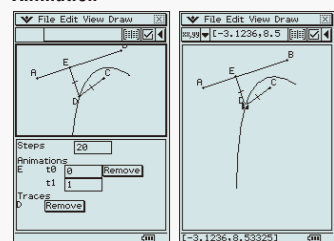
Students can learn the general theorems by drawing figures, and can confirm that a theorem still holds true even when the form of the triangle is altered.

Geometric Graphing Using Drag & Drop



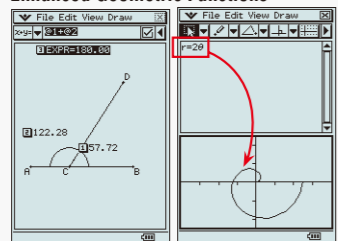
Dropping a geometric figure into the Main application window will produce the numerical data for the figure. Conversely, dropping numerical data into the Geometry window will produce the applicable figure.

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.

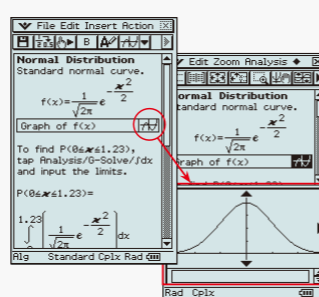
Enhanced Geometric Functions



ClassPad 330 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.

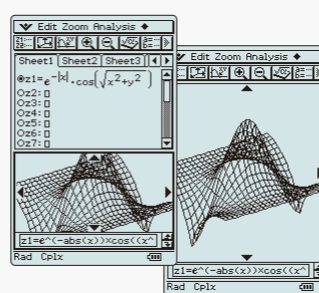
eActivity Application

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

- Hyperbolic (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

- over 1,500 FUNCTIONS
- 146,000 bytes
- 768KB Flash Memory
- List-based STAT
- 21 Screens
- 10 gpm
- 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)



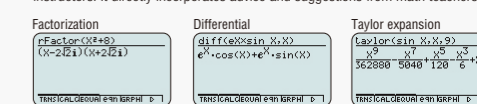
*Comes with slide-on hard case

Main Functions

Algebra Applications

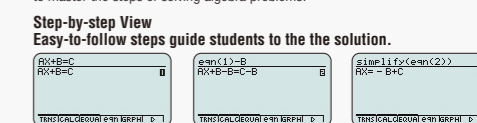
Computer Algebra System (CAS)

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



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.

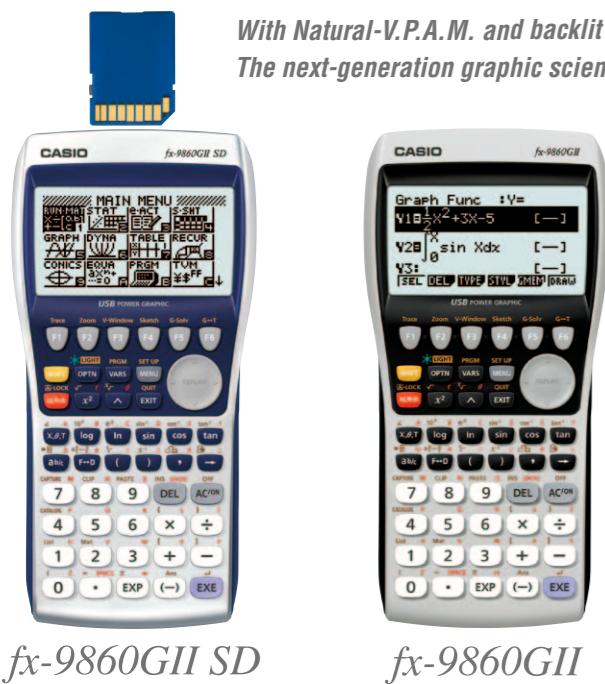


Tutor

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.



- over 2,900 FUNCTIONS
- 10+2 DIGITS
- 62,000 bytes
- ICON MENU
- NATURAL V.P.A.M.
- DOT MATRIX
- List-based STAT
- Plastic keypad
- Multi-replay
- 21 languages
- 8 lines
- SD CARD

*SD model only.



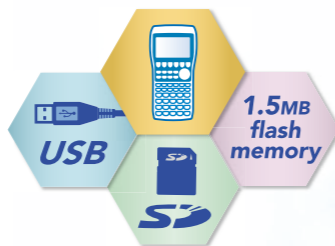
* Comes with slide-on hard case.

fx-9860GII SD
• SD memory card not included

fx-9860GII

User-friendly Interface

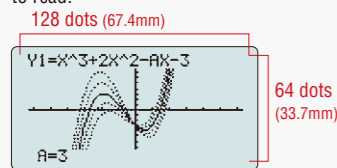
- Rectangular coordinate graphing, Polar coordinate graphing
- Integration graph
- Parametric function graphing, Inequality graphing
- Trace, Zoom (box zoom, zoom in, zoom out, auto zoom)
- Table and Graph
- Dual Graph (table and graph, graph and graph)
- Sketch (tangent line, normal line, inverse function)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

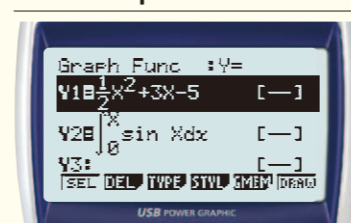
The fx-9860GII SD is equipped with an SD memory card slot for easy data transfers.



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

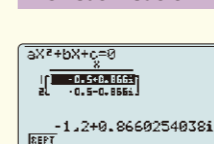


Natural Input now supported in the Graph Mode!

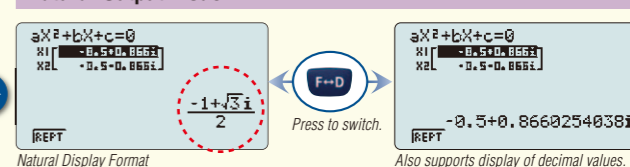
Natural Output

Polynomial equation result

Previous Models

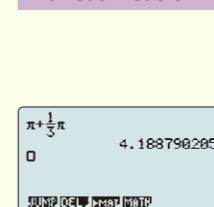


Natural Output Model

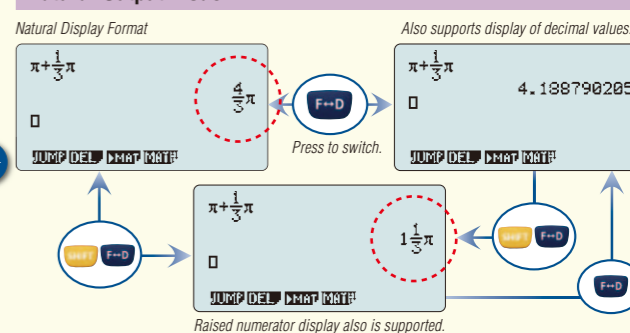


Result of expression with Pi symbol

Previous Models

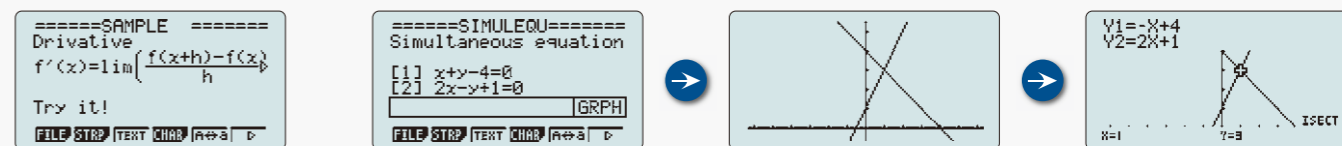


Natural Output Model



eActivity

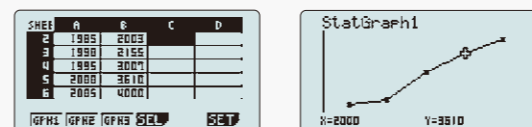
fx-9860GII Series calculators come with the same eActivity capabilities that originally appeared on the ClassPad 330. Now teachers as well as students can create their own problems and study materials. Students get the opportunity to learn at their own pace for more efficient study both at school and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



Built-in Software

Spreadsheet

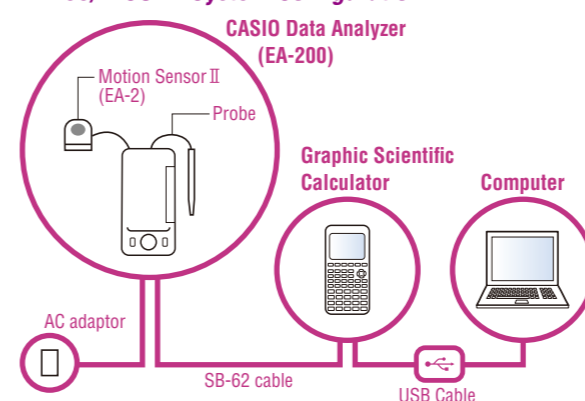
A multi-function spreadsheet with built-in graphing capabilities is a valuable tool for table calculation lesson exercises.



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



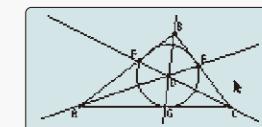
Add-in Software

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.

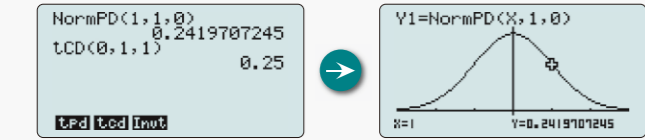


Add-in software can be downloaded from the CASIO website.
<http://edu.casio.com/dl/>

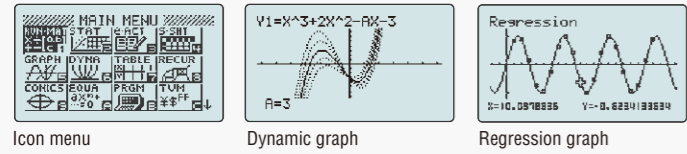


Other Features

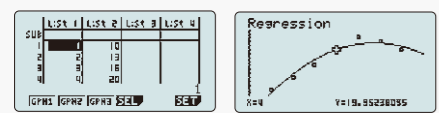
Probability



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

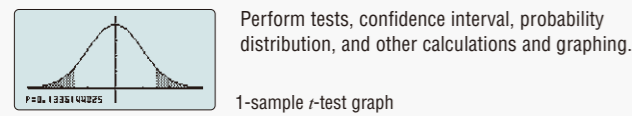


List-based Statistics

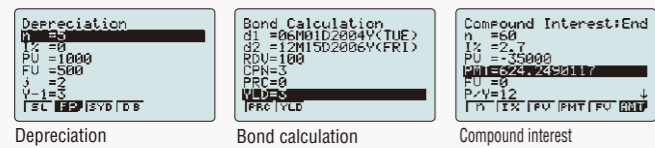


Store a list of values in memory for use when performing function and statistical calculations, when drawing graphs, or when generating tables of numeric values.

Advanced Statistics

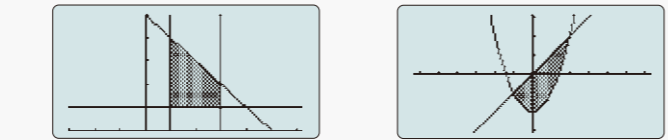


Financial Calculations

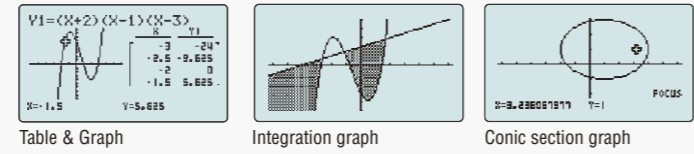


- Depreciation
- Bond calculation
- Simple interest
- Compound interest
- Investment appraisal (cash flow)
- Amortization
- Interest rate conversion (annual percentage rate and effective interest rate)
- Cost, selling price, or margin
- Day or date calculations

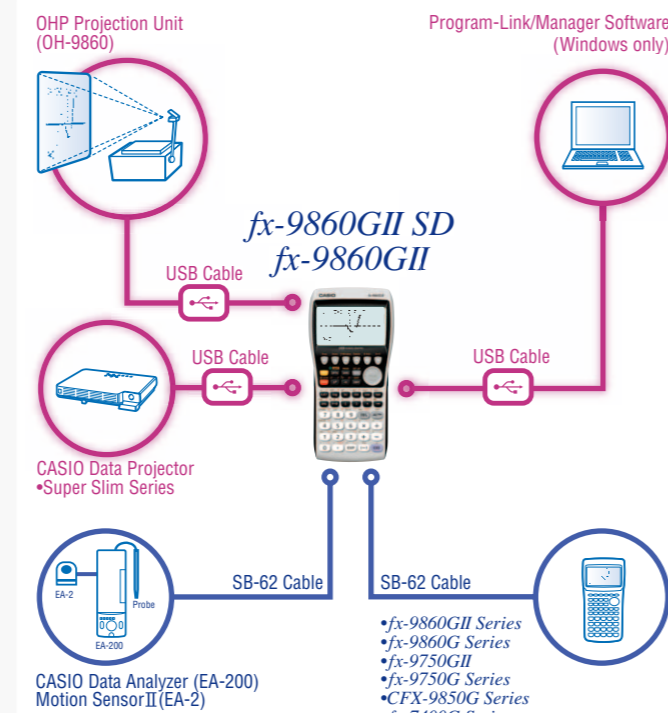
Inequality Graphing



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



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



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

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

* Comes with slide-on hard case.



fx-7400GII

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

POWER GRAPHIC

- High-definition display (64×128 dots)
- Inequality Graphing
- Polar Graph • $X = \text{Graph}$ • 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)

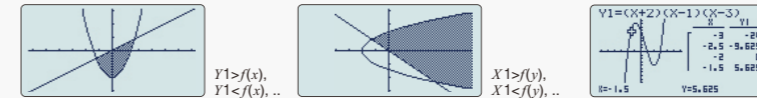


* Comes with slide-on hard case

Main Functions

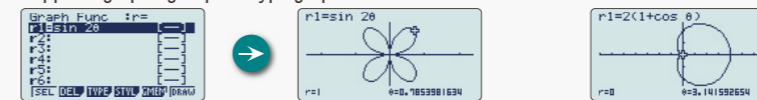
Inequality Graphing

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



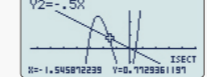
Polar Graph

Supports graphing of polar type graphs.

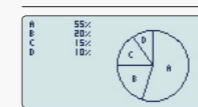


Graph Solve Function

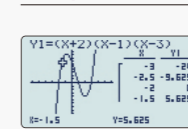
Supports solving for roots of functions.



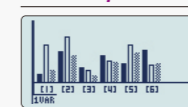
Pie Chart



Graph & Table



Bar Graph



Programmable Models

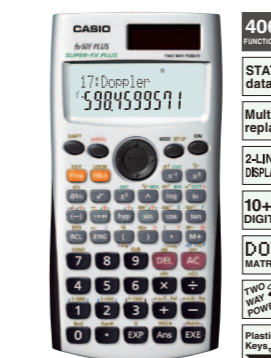


SUPER-FX PLUS
fx-5800P

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.

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

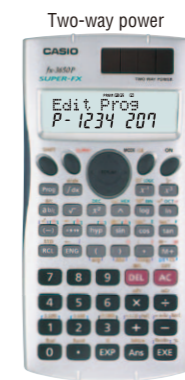


SUPER-FX PLUS
fx-50F PLUS
fx-50FH HKEA approved model

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

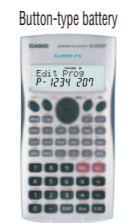
- 406 FUNCTIONS
- STAT-data
- Multi-replay
- 2-LINE DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys



SUPER-FX PLUS
fx-3650P *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

- 279 FUNCTIONS
- STAT-data
- Multi-replay
- 2-LINE 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

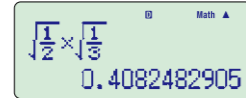


Natural textbook display! NATURAL-V.P.A.M.

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.

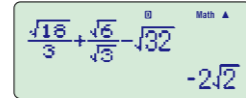
Natural input

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



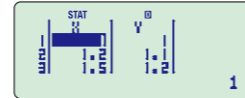
Natural output

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



Full-dot display

Equations and statistical data are 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

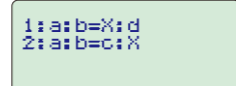
Select the ratio type and enter the non-x coefficients...

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

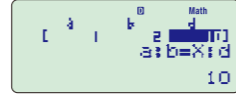


The calculator displays the value of x.

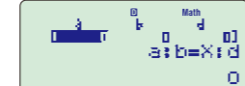
$x=5$



1 Select the ratio type.



3 Enter the non-x coefficients.



2 Enter the non-x coefficients.



4 X-value appears on the display.

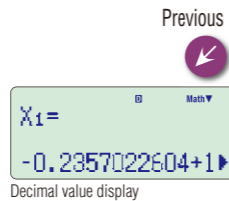
New equation mode 95ES PLUS 570ES PLUS 991ES PLUS

Input an equation...

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

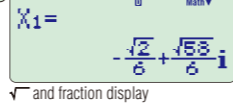
The calculator displays a solution using $\sqrt{\quad}$ and fractions.

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



Decimal value display

NEW



$\sqrt{\quad}$ and fraction display

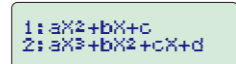
Inequality 95ES PLUS

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

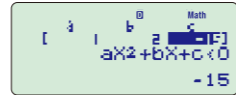
$x^2 + 2x - 15 < 0$

The calculator displays the solution of the inequality

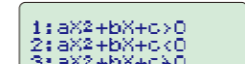
$-5 < x < 3$



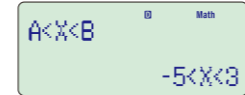
1 Select the inequality expression type.



3 Enter the non-x coefficients.



2 Select the inequality symbol type.



4 The inequality solution appears on the display.

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

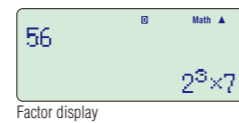
Prime factorization 82ES PLUS 85ES PLUS 350ES PLUS 95ES PLUS

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.
 $56 = 2^3 \times 7$



Factor display



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.

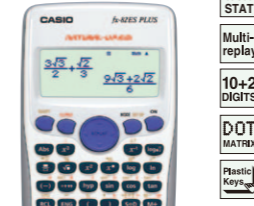
Natural-V.P.A.M. Models

AAA-size (R03) battery



(Black)

fx-82ES PLUS



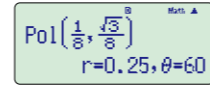
(White)

New functions: • Prime factorization • Random integers

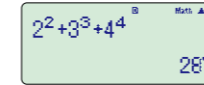
Standard functions:

- 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



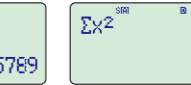
Statistics



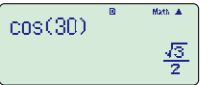
Regression calculation



Σx^2 value calculation

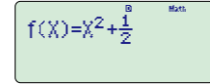


Trigonometry



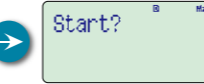
* During trigonometric calculations, only values that are a multiple of 15 can be displayed using square root form.

Table function



Formula registration

Start value input



End value input



Set up step value

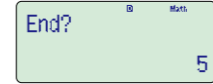


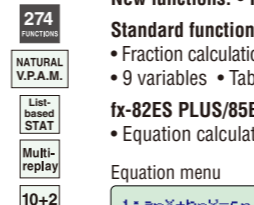
Table calculation



AAA-size (R03) battery



fx-95ES PLUS



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

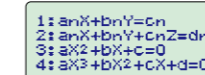
Standard functions:

- 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

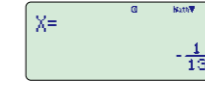
fx-82ES PLUS/85ES PLUS/350ES PLUS functions, in addition to:

- Equation calculations

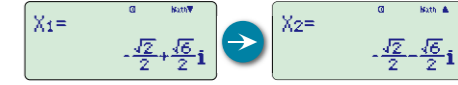
Equation menu



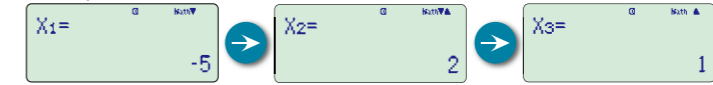
Simultaneous linear equations



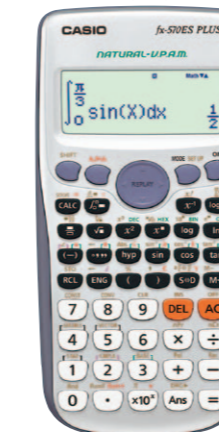
Quadratic equation



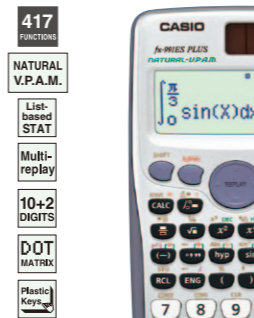
Cubic equation



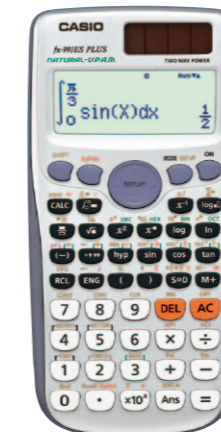
AAA-size (R03) battery



fx-570ES PLUS



Two-way power



fx-991ES PLUS



New functions: • New equation mode • Random integers

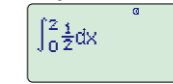
Standard functions:

- 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

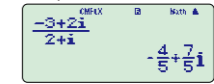
fx-82ES PLUS/85ES PLUS/350ES PLUS functions, in addition to:

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

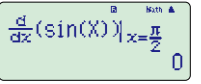
Integration



Complex number calculations



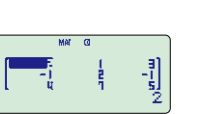
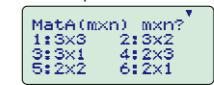
Differential



Vector



Matrix operations



SCIENTIFIC CALCULATORS
PRACTICAL CALCULATORS
PRINTING CALCULATORS
LABEL PRINTER

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 Two-way power AAA-size (R03) battery

fx-500ES *fx-991ES* *fx-570ES*

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

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

V.P.A.M. Model

Two-way power

fx-992s

- Built-in complex number calculations plus 128 scientific constants
- 383 FUNCTIONS
V.P.A.M.
12+2 DIGITS
- Statistical calculations
 - Engineering symbol calculations
 - Base-*n* calculations/conversions



School Cal

Tough, durable design with classroom features.

SL-450L
8 DIGITS

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



Financial Consultant

Two-way power

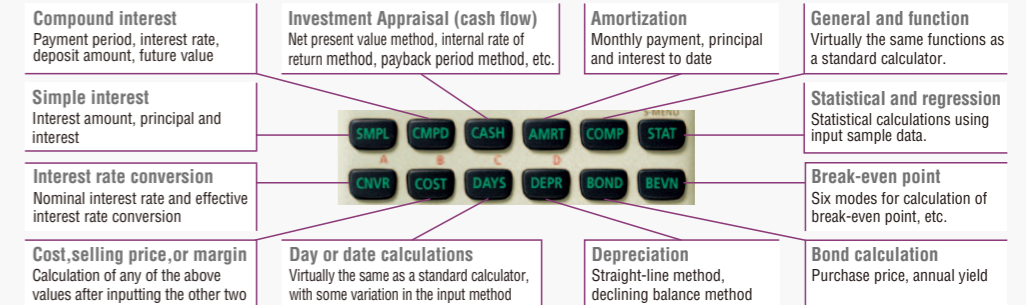
FINANCIAL CONSULTANT
FC-200V

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

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.



	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	●	●

S-V.P.A.M. Models

AA-size battery Two-way power Button-type battery

fx-82MS *fx-85MS* *fx-350MS*

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

FINANCIAL CONSULTANT
FC-100V

AAA-size (R03) battery

FINANCIAL CONSULTANT
FC-100V

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

- Plastic keys
- Comes with new slide-on hard case
- Power supply: Solar cell and a single G13 type button battery (LR44) (FC-200V)/ One AAA-size battery (FC-100V)
- Approximate battery life: 3 years (1hour of operation per day) (FC-200V)/ 17,000 hours continuous display of flashing cursor (FC-100V)
- 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

AA-size battery Two-way power Button-type battery

fx-100MS *fx-115MS* *fx-991MS* *fx-570MS*

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

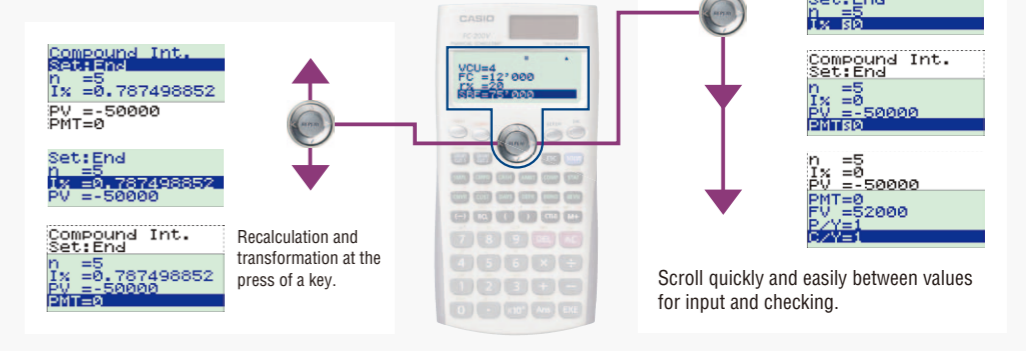
- Equation calculations
- Integration/differential calculations
- Base-*n* calculations/conversions
- Complex number calculations

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

Easy operation with parameters

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



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.



Dress up your desktop with your favorite design.

Stylish Calculator

Five Styles Calculator

Five distinctively designed calculators that are fun to own and use. Express your individuality with a stylish calculator.



The Designer Calculator



Model	Digits	Independent memory	GT	%	Profit margin %	✓	+/-	▶	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	ADD mode	Power supply	Dimensions HxWxD (mm)	Approximate weight (g)	Case	Others
JW-210TV	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	26.1x107x178.5	170	—	—
SL-1110TV	10	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	8.5x70x118.5	60	Wallet	—
RT-7000	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	19.7x108.5x180	250	—	Day/Date Calculations
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	—	—

©Folded ○Unfolded

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

A choice of colours to suit your style.

My Colour Selection




SCIENTIFIC CALCULATORS PRACTICAL CALCULATORS PRINTING CALCULATORS LABEL PRINTER

Designed and engineered for performance.

HEAVY DUTY Calculator

What makes a CASIO "HEAVY DUTY Calculator"?



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.

EXCH
90.1234
Actual size

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.

A tilt display with adjustable angle for ease of viewing
The tilt display ensures ease of viewing.

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
This slim, flat calculator, just 10mm thick, rests comfortably in the hand and fits easily in a bag or briefcase.

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.

Packed with special-purpose features.

Check Calculator



150 STEPS CHECK
Key Rollover
LOCALIZED NUMBER DISPLAY
EXTRA LARGE DISPLAY
TWO-WAY POWER

150 STEPS CHECK
Key Rollover
LOCALIZED NUMBER DISPLAY
EXTRA LARGE DISPLAY
TWO-WAY POWER

150 STEPS CHECK
Key Rollover
LOCALIZED NUMBER DISPLAY
EXTRA LARGE DISPLAY
TWO-WAY POWER

150 STEPS CHECK
Key Rollover
LOCALIZED NUMBER DISPLAY
EXTRA LARGE DISPLAY
TWO-WAY POWER

DJ-240D (14 DIGITS)
DJ-220D (12 DIGITS)
JJ-120D (12 DIGITS)
MJ-120D (12 DIGITS)
MJ-100D (10 DIGITS)

Desk-Top Type



DS-3TS (14 DIGITS) **NEW**

DS-2TS GD (12 DIGITS) **NEW**

DS-1TS (10 DIGITS) **NEW**

Compact Desk Type

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



JS-140TVS (14 DIGITS) **NEW**

JS-120TVS (12 DIGITS) **NEW**

JS-40TS (14 DIGITS) **NEW**

JS-20TS (12 DIGITS) **NEW**

JS-10TS (10 DIGITS) **NEW**

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

150 Steps Check

Review and Auto Review

The calculator stores up to 150 steps in memory, which you can scroll through using the Δ and ∇ keys.

Review up to 150 calculation steps.

Example $123+456+\dots-321=149765$

Step 1 Step 2 Step 149 Step 150

STEP REVIEW REVIEW!

AUTO REVIEW Auto Review by pressing one single button!

Answer Memory

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

Go to

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

Simple, easy operation

Press the GO TO Key. Display is cleared.

Enter the number of the step you want to view. 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.

Insert / Delete

INSERT 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:
 $(20-5-5) \times 3 = 30$

Revised calculation:
 $(20-5) \times 5 \div 3 = 25$

Double Check

ANS/CHECK Compare the results of two calculations!

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.

Standard 1234567890.1234

Natural 1234567890.1234

European $1234567890,1234$

Indian 1234567890.1234

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!

Standard 1234567890.1234 \leftrightarrow **Natural** 1234567890.1234

Standard $1234567890,1234$ \leftrightarrow **Indian** 1234567890.1234

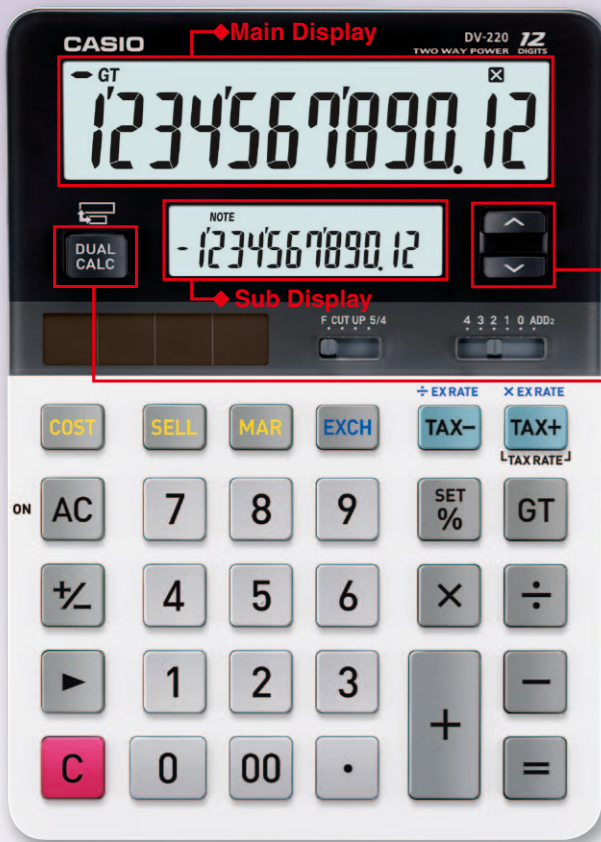
Model	Digits	Independent memory	Cost/Sell/Margin	GT	%	Profit margin %	MU	✓	+/-	▶	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Others
DJ-240D/220D	14/12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0 1 2 4	○	T o a y p o e r	38×146×219	2 5	150 STEPS CHECK & Localized Number Display
DJ-120D	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0 1 2 4	○	T o a y p o e r	35×140×191	205	150 STEPS CHECK & Localized Number Display
JJ-120D	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	0 1 2 4	○	T o a y p o e r	25.2×107×178.5	140	150 STEPS CHECK & Localized Number Display
MJ-120D/100D	12/10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—	—	T o a y p o e r	30.1×123×140	1 0	150 STEPS CHECK & Localized Number Display

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

PRACTICAL CALCULATORS SCIENTIFIC CALCULATORS PRINTING CALCULATORS LABEL PRINTERS

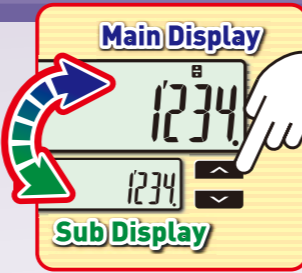
Packed with special-purpose features.

Dual Display Calculator



DV-220

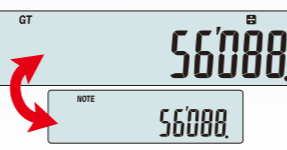
The calculator with large and small LCD displays for easier operation.



1 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.



2 Dual Calculation



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

3 Assistant Display Function

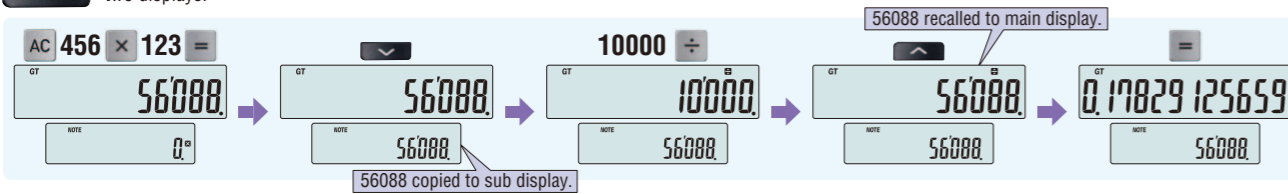
Use the two displays to view tax calculation, currency conversion, and cost/sell/margin calculation results.

What You Can Do with a Dual Display

New! 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.

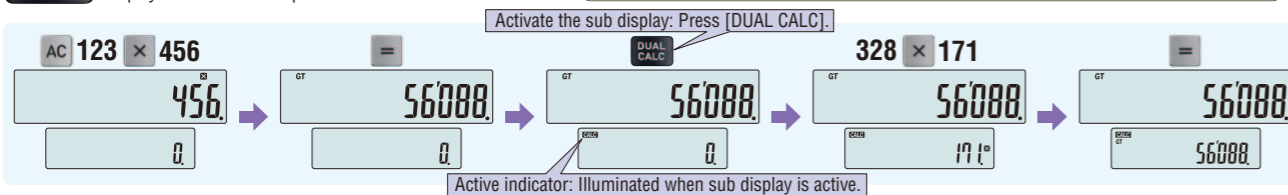
Example Perform the calculation 456×123 on the main display and copy the result (56088) to the sub display. Next, recall the result back to the main display to perform the calculation $10000 \div 56088$.



New! Dual Calculation

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

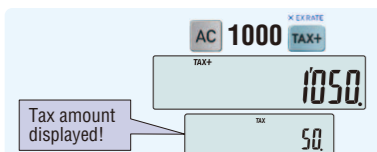
Example On the main display: 123×456 On the sub display: 328×171



Assistant Display Function

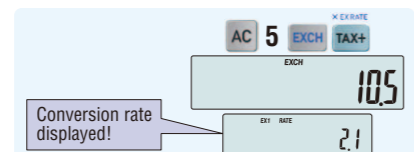
Tax Calculations

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.



NEW
Desk-Top Type DV-220 (12 DIGITS)



NEW
Compact Desk Type JV-220 (12 DIGITS)



NEW
Mini Desk Type MV-210 (12 DIGITS)

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)



WD-220T



Desk-Top Type WM-220T (12 DIGITS)



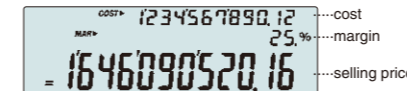
Mini Desk Type WM-200T (10 DIGITS)

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.

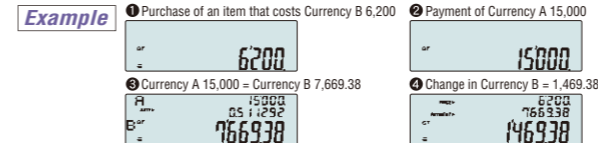


Change Calculations (DF-320TM only)

For Retailers, Restaurants, and Bars

Use the procedure shown to calculate change.

The calculation result is obtained in accordance with the current rounding setting.



Desk-Top Type DF-320TM (12 DIGITS)



Mini Desk Type MS-310TM (10 DIGITS)

Model	Digits	Independent 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 HxWxD (mm)	Approximate weight (g)
DV-220	12	○Note	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	35.4x135.5x187	255
JV-220	12	○Note	○	○	○	○	○	○	○	○	○	○	○	○	0,1,2,3,4	○	Two-way power	26.5x107x180.5	195
MV-210	10	○Note	○	○	○	○	○	○	○	○	○	○	○	○	—	—	Two-way power	31.5x111x146	160
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

SCIENTIFIC CALCULATORS PRACTICAL CALCULATORS PRINTING CALCULATORS LABEL PRINTERS

Desk-Top Type

Adding Machine

DS-120TV (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- MU
- MD

DM-1200S (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %

DM-1600S (15 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- Metal Facelate

DM-1400S (14 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- Metal Facelate

DM-1200MS (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- Metal Facelate
- COST SELL MAR

D-60L (15 DIGITS)

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

D-120S (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- Tax & Exch.
- Profit Margin %

DF-120MS (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- Metal Facelate
- COST SELL MAR

DW-120MS (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- Metal Facelate
- TILT DISPLAY
- COST SELL MAR

Adjustable Tilt Display
Freely adjustable display angle

Easy calculation of cost, selling price and margin. DM-1200MS / DF-120MS / DW-120MS / JF-120MS / JW-120MS / MS-120MS / MS-100MS

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	1000	COST	1'000.
2		2000	SELL	2'000.
3			MAR	50.

Compact Desk Type

J-120S (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- Tax & Exch.
- Profit Margin %
- X|±

JF-120MS (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- X|±
- COST SELL MAR

JW-120MS (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- X|±
- COST SELL MAR

Adjustable Tilt Display
Freely adjustable display angle

Mini Desk Type

MS-470V (14 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- Profit Margin %
- X|±

MS-120MS (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- X|±
- COST SELL MAR

MS-80S (8 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- Tax & Exch.
- Profit Margin %
- X|±

MS-20S (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- Tax & Exch.
- Profit Margin %
- X|±

MS-8S (8 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- Tax & Exch.
- Profit Margin %
- X|±

MS-270TV (12 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- X|±
- COST SELL MAR

MS-7TV (8 DIGITS)

- EXTRA LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- X|±

MW-8V (8 DIGITS)

- EXTRA LARGE DISPLAY
- Plastic Keys
- %

MW-5V (8 DIGITS)

- LARGE DISPLAY
- Plastic Keys
- %

NS-20T (12 DIGITS)

- LARGE DISPLAY
- TWO WAY POWER
- Key Rollover
- Plastic Keys
- TAX
- Profit Margin %
- X|±
- Metal Facelate

Model	Digits	Adding machine	Independent memory	Cost/Sell/Margin	GT	%	Profit margin %	MU	MD	✓	+/-	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)
DS-120TV	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	40.9x184x186	300
DM-1200S	12	○	2	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	34.5x155x210	230
DM-1600S	16	○	2	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	35.5x155x210	270
DM-1400S	14	○	2	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	35.5x155x210	270
DM-1200MS	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	35.5x155x210	265
D-60L	16	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	32x151x158	195
D-40L	14	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	32x151x158	195
D-20L	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	32x151x158	195
D-120S	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	35x126x175	170
DF-120MS	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	35.7x122.5x174.5	180
DW-120MS	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	32.7x122.5x177.5	195

Model	Digits	Independent memory	Cost/Sell/Margin	GT	%	Profit margin %	✓	+/-	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	ADD mode	Power supply	Approximate battery life (years)	Dimensions HxWxD (mm)	Approximate weight (g)
J-120S	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	25x107x176	145
JF-120MS	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	26.3x107x173	155
JW-120MS	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	26.1x107x178.5	170
MS-470V	14	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	30.4x111x142.5	125
MS-120MS/100MS	12/10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	30.7x103x145	120
MS-80S	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	30.7x103x145	120
MS-20S/10S	12/10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	31.7x103x145	100
MS-8S	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	31.7x103x145	100
MS-270TV/170TV	12/10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	30.4x111x142.5	125
MS-7TV	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	30.4x111x142.5	120
MW-8V	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	28.8x103x145	120
MW-5V	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	AA (LR6 or R6P)x1	2	25.1x84x118	85
NS-20T	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	10.7x87x145	90

Portable Type

LC-1000TV (10 DIGITS) **LC-401LV** (8 DIGITS)

EXTRA LARGE DISPLAY, Profit Margin %, Key Rollover, Plastic Keys, Metal Faceplate, TAX, BK (Black), WE (White)

LC-403TV (8 DIGITS) **LC-160LV** (8 DIGITS)

EXTRA LARGE DISPLAY, Profit Margin %, Plastic Keys, Metal Faceplate, TAX, BK (Black), WE (White)

SL-340VA (14 DIGITS) **SL-320TV** (12 DIGITS) **SL-315TV** (13 DIGITS) **SL-300TV** (8 DIGITS) **SL-300LV** (8 DIGITS)

EXTRA LARGE DISPLAY, Metal Faceplate, TWO WAY POWER, Key Rollover, Profit Margin %, Plastic Keys, TAX, BK (Black), WE (White)

DUAL LEAF SL-240LB (14 DIGITS) **DUAL LEAF SL-220TE** (12 DIGITS) **SL-210TE** (13 DIGITS) **SL-200TE** (8 DIGITS) **SL-100L** (8 DIGITS)

EXTRA LARGE DISPLAY, TWO WAY POWER, Key Rollover, Profit Margin %, EXTRA LARGE DISPLAY, Profit Margin %, Key Rollover, Tax & Exch., LARGE DISPLAY, TWO WAY POWER, %

Model	Digits	Independent memory	GT	%	Profit margin %	✓	+/-	▶	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	3 yrs.	7.5x70x118.5	50	Wallet
LC-401LV	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	LR54x1	4,500	①10.7x75x120 ②7.3x151.5x120	70	Hard
LC-403TV	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	LR54x1	3 yrs.	7.5x70x118.5	50	Wallet
LC-160LV	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	LR54x1	6,500	①10x87x58 ②8x87x117.5	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	13	○	○	○	○	○	○	○	○	○	○	○	○	○	○	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	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	①12.5x120x73 ②6.5x120x141	76	—
SL-220TE	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	①12.5x120x73 ②6.5x120x141	76	—
SL-210TE	10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	①12.5x120x73 ②6.5x120x141	75.5	—
SL-200TE	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	①12.5x120x73 ②6.5x120x141	76	—
SL-100L	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Two-way power	—	①13.5x91x55 ②9.4x91x110.5	55	—

Portable Type

SL-797TV (8 DIGITS) **SL-787TV** (8 DIGITS) **SL-760LC** (8 DIGITS)

LARGE DISPLAY, Tax & Exch., Profit Margin %, TWO WAY POWER, Key Rollover, Plastic Keys, Metal Faceplate, GD (Gold), BK (Black), NEW

HL-122TV (12 DIGITS) **HL-100LB** (10 DIGITS) **HL-820VA** (8 DIGITS)

LARGE DISPLAY, TAX, Key Rollover, Profit Margin %, Plastic Keys, Metal Faceplate, (AA SIZE x1), LARGE DISPLAY, Plastic Keys, Metal Faceplate, %

HL-820LV (8 DIGITS) **HL-815L** (8 DIGITS)

LARGE DISPLAY, %, BK (Black), WE (White)

HL-4A (8 DIGITS) **HS-8VA** (8 DIGITS) **HS-8LV** (8 DIGITS)

LARGE DISPLAY, %, TWO WAY POWER, Plastic Keys, Metal Faceplate, MU, LARGE DISPLAY, TWO WAY POWER, %, BK (Black), WE (White)

Model	Digits	Independent memory	GT	%	Profit margin %	MU	✓	+/-	▶	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-760LC	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	①10x62.5x104 ②7.5x127x104	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=LR130, LR6=AM3, R6P=UM-3, © Folded □ Unfolded

Value Series

Desk-Top Type



GX-16S 16 DIGITS



GX-14S 14 DIGITS



GX-120S 12 DIGITS



GX-12S 12 DIGITS



DX-120ST 12 DIGITS



DX-120S 12 DIGITS



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



AX-120ST 12 DIGITS



AX-120S 12 DIGITS



AX-12S 12 DIGITS

Mini Desk Type



MX-120S 12 DIGITS

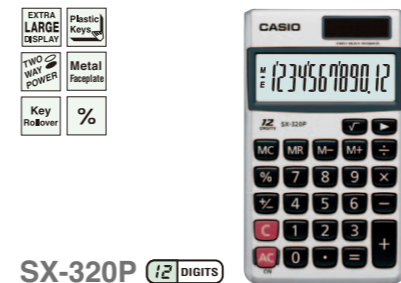


MX-12S 12 DIGITS

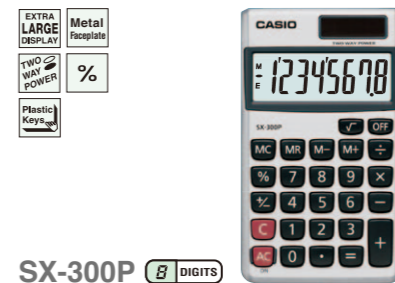


MX-8S 8 DIGITS

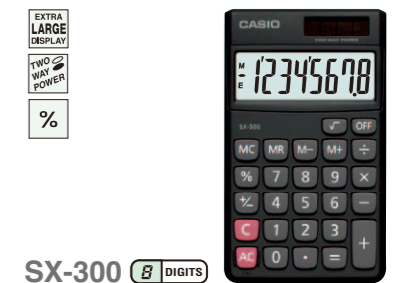
Portable Type



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 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-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	—

① Folded ② Unfolded

PRACTICAL CALCULATORS SCIENTIFIC CALCULATORS PRINTING CALCULATORS LABEL PRINTER

Mini-printer



HR-8TM (12 DIGITS)

- 1.6 LINES/SEC
- Tax & Exch.
- Profit Margin %
- LARGE DISPLAY
- Key Rollover
- COST SELL MAR

BK (Cool Black)
GY (Light Gray)
RD (Red)

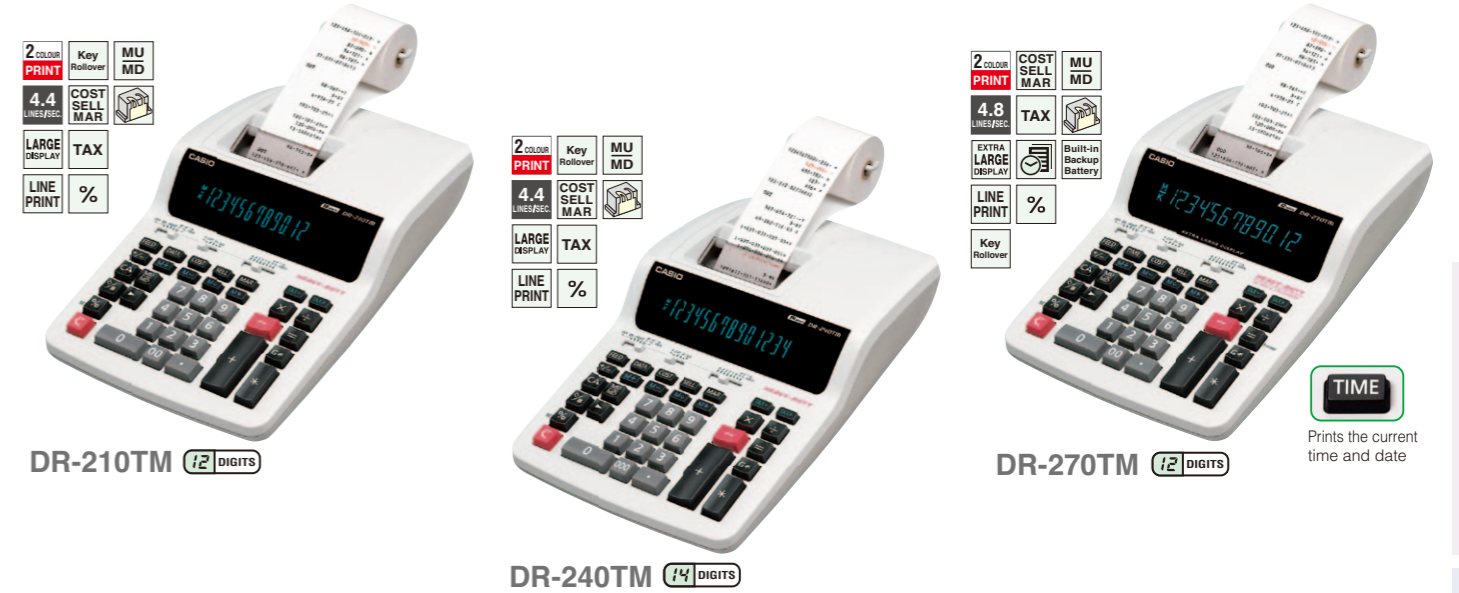
Compact Type



HR-100TM (12 DIGITS) **HR-150TM** (12 DIGITS)

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

Heavy-duty Type



DR-210TM (12 DIGITS) **DR-240TM** (14 DIGITS) **DR-270TM** (12 DIGITS)

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

TIME
Prints the current time and date

Desk-Top Type

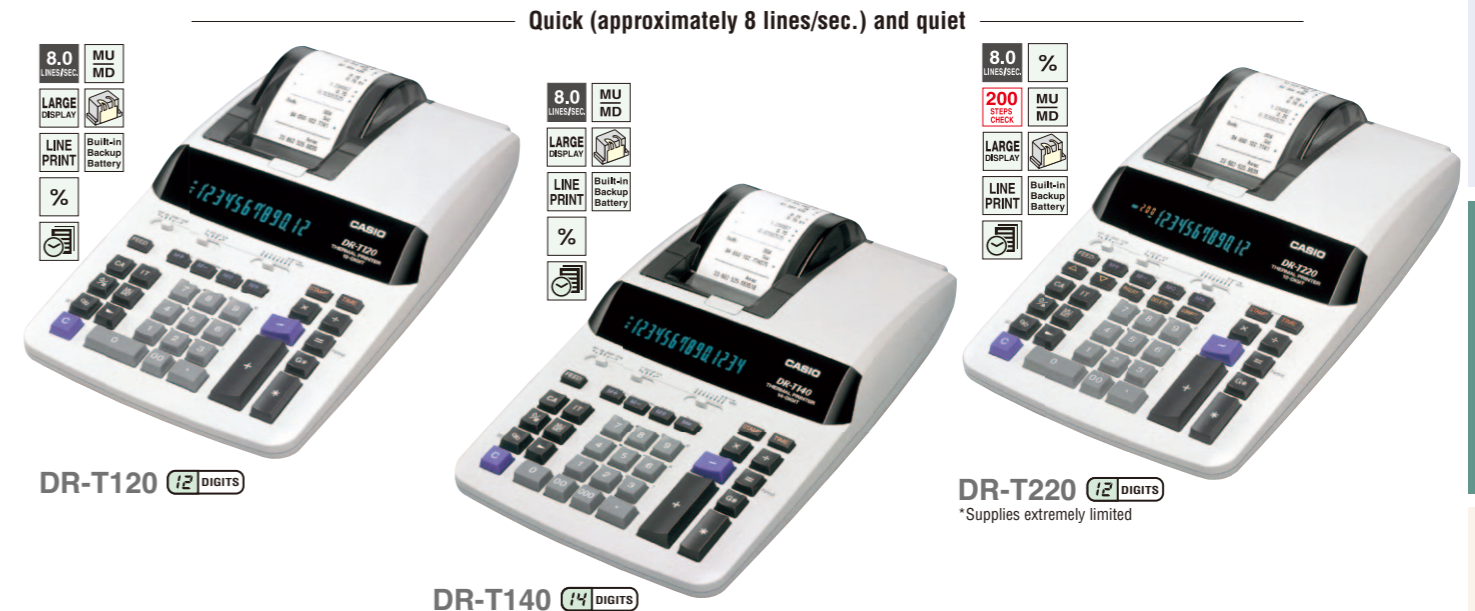


FR-2650T (12 DIGITS) **DR-120TM** (12 DIGITS) **DR-140TM** (14 DIGITS)

- 2 COLOUR PRINT
- %
- 2.4 LINES/SEC
- MU MD
- TAX
- 2 COLOUR PRINT
- Key Rollover
- %
- 3.5 LINES/SEC
- Plastic Keys
- MU MD
- COST SELL MAR
- LINE PRINT
- TAX
- 2 COLOUR PRINT
- Key Rollover
- %
- 3.5 LINES/SEC
- Plastic Keys
- MU MD
- COST SELL MAR
- LINE PRINT
- TAX

BK (Black)
WE (White)

Thermal Printer



DR-T120 (12 DIGITS) **DR-T140** (14 DIGITS) **DR-T220** (12 DIGITS)

Quick (approximately 8 lines/sec.) and quiet

- 8.0 LINES/SEC
- MU MD
- LARGE DISPLAY
- LINE PRINT
- %
- 8.0 LINES/SEC
- MU MD
- LARGE DISPLAY
- LINE PRINT
- %
- 8.0 LINES/SEC
- MU MD
- 200 STEPS CHECK
- LARGE DISPLAY
- LINE PRINT
- %

*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••CA
150•S* ← ① Selling price
30•M% ← ② Margin (%)
105•C◊ ← Cost
30•M% ← ③ 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?

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

••0••CA
120•C◊ ← ① Cost
40•M% ← ② Margin (%)
200•S* ← Selling price
40•M% ← ③ Margin (%)
80•MT ← 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.
(MARGIN) 50.

••0••CA
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	Ink-roller/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
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, ⁰⁰⁰	
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, ⁰⁰⁰	
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	00/000 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) (excluding battery)
DR-T120	12	○	○	○	○	○	○	○	○	○	○	○	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	○	○	○	○	○	○	○	○	○	○	○	○	○	58	8.0 ³⁾	Font - B	—	—	—	AC only (built-in backup battery)	91×340×213, 1.7
DR-T220	12	○	○	○	○	○	○	○	○	○	○	○	○	○	58	8.0 ³⁾	Font - B, A(2.832), C(3.499)	○	○	○	AC only (built-in backup battery)	91×340×213, 1.7

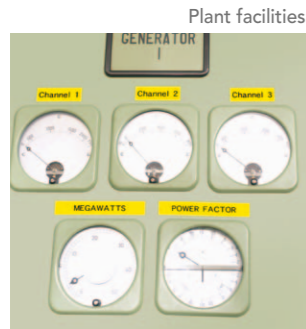
³⁾ Average speed of half line among the printout digits.

LABEL PRINTERS

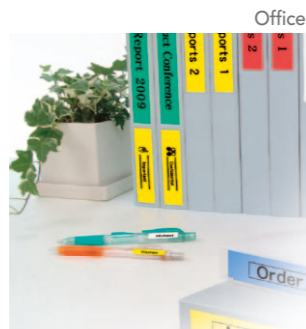
EZ-Label Printer **LABEL IT!**

Wide Selection of Label-making Functions for Various Circumstances!

LABEL PRINTERS



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

Handy home model for organizing your home!



KL-120

Personal model with basic functions!



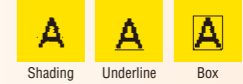
KL-60

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



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

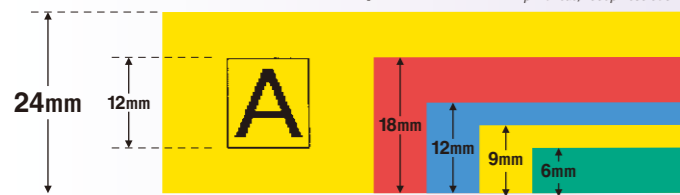


- Five Chinese input methods
- Chinese and English fonts built in
- 4-digit, 1-line LCD
- Handles 18, 12, 9 and 6mm tape widths.
- Prints up to 2 lines (18 or 12mm tape).
- 6 character sizes

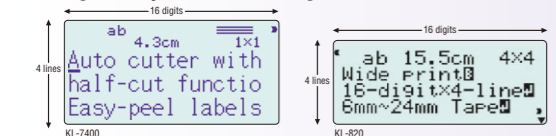


- 405 special characters built in

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

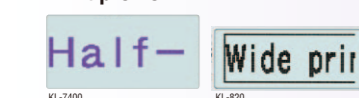


* Available in 6 languages (English/Spanish/French/German/Italian/Swedish)

5 installed fonts



Print preview



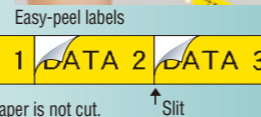
Barcode printing



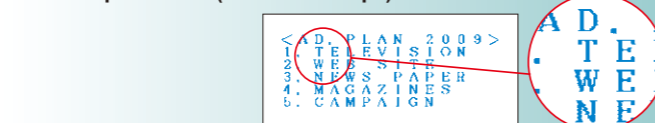
KL-7400 Only

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

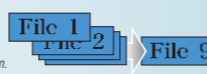
Prints up to 3 lines (24 or 18mm tape).



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.



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	95 x 32 dots	96 x 16 dots	5 x 7 dots + cursor	64x16 dots
Display	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
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	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	繁体, 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)*5	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 (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	XR-6BU1	—
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-18WR1	XR-12WR1	XR-9WR1	—
BLUE on WHITE	XR-18WB1	XR-12WB1	XR-9WB1	—

Chocolates

Football highlights '09
England vs. Brazil

Andy

Household accounts

SCIENTIFIC CALCULATORS

PRactical CALCULATORS

PRINTING CALCULATORS

LABEL PRINTERS

CASIO BRAND DISPLAY CORNER KIT FOR CALCULATORS

* All items provided as design data only.



1 Top board
• Size: 600 x 300 mm

2 Category sheet
• Size: 364 x 257 mm

3 Category cards
• Size: 50 x 120 mm

4 Poster
• Size: 420 x 297 mm

5 Flag
• Size: 1,500 x 450 mm

6 POP for scientific calculators
• Size: 100 x 240 mm

7 Backboard sheets for display stand
• Size: 200 x 170 mm

8 Category cards for base
• Size: 257 x 33 mm

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

ROADSHOW KIT FOR SCIENTIFIC CALCULATORS



ACTIVITIES

Scientific Calculator
CASIO Scientific Calculator ES Series Activities

Graphic Calculator
CASIO Graphic Calculator fx-9860G Series Activities

"Your Partner to Explore Math"
Your Partner to Explore Math

Financial Consultant
Financial Consultant

SALES PROMOTION MATERIALS

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

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

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

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

CASIO Logo Sticker
Electronic Calculator
• Size: 210 x 297mm
@C-OSR CASIO-EN

Unit Stand (PPSD7)
• Size: D95 x W66 x H76mm
• Weight: 25g
@C-PPSD7HK

DVD for Heavy Duty Calculators
• Size: 124 x 142 mm
• Weight: 50g

Display Tool Kit for Scientific Calculators ES Series
* English, Spanish, and Arabic language versions available.

Attention Pop Kit for Label Printers
• Corner Sheet x 3 • Attention POP x 1
• Sticker Sheet x 1 • Sticker Clip x 3
@C-0POP LABEL

Attention Pop for Check Calculators
• Size: 128 x 182mm
@C-0POP150STEPS-EN

Attention Pop Board for Colourful Calculators
• Size: L500 x W600 x H50mm
@C-0BCDCOLOURBD-EN

NEWSPAPER/MAGAZINE ADVERTISEMENT

Scientific Calculator Artwork
Brand Artwork

MS Series
CASIO. The world's most reliable for classrooms worldwide.

ES Series
What you see is what you enter. Natural Textbook Display

Printing Calculator Artwork
Cost, Selling Price and Margin models

Thermal Printer models
Thermal Printer models

ARTWORK FOR STATIONERY AND OFFICE STATIONERY CATALOGUE

Heavy-duty calculator
The Ultimate in Functionality and Quality!

Label printer (Main model KL-120)
The Casio difference is easy to see!

Label printer (Main model KL-820)
The Casio difference is easy to see!

Financial Consultant Artwork
Solve complicated financial calculations with ease!

Check Calculator Artwork
Calculators with 150 Steps Check function

SUPPORT CLASSROOM TECHNOLOGY

$$(a+b)^2 = a^2 + 2ab + b^2$$

$$\log^2 = ?$$

Scientific Calculators

Easy-to-use products developed for educational needs

ClassPad 330

fx-9860GII SD



Professional Development

Seminars for teachers on scientific calculator use for more attractive lessons

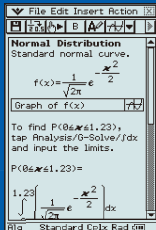
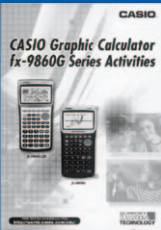


Classroom Activities

Paper-backup teaching materials and digital worksheets to help students understand better

Activities

eActivities

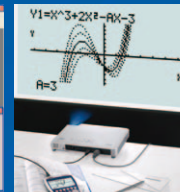
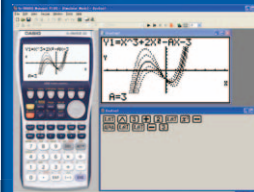


Optional Tools

Optional tools that make scientific calculators even more effective

PC software

Presentation tools



CASIO Worldwide Education Website
Full classroom support with technology

<http://edu.casio.com>

Natural
textbook
display!

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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