

ELECTRONIC CALCULATORS



SCIENTIFIC CALCULATORS
PRACTICAL CALCULATORS
PRINTING CALCULATORS
LABEL PRINTERS

PRINTING CALCULATORS

Over a half century of proven reliability and performance from more than one billion calculators

In 1957 CASIO created a sensation by introducing the Casio 14-A, the world's first all-electric compact calculator. More than a half century of continuous innovation since that time has resulted in a constant stream of hit products. A notable example is the Casio Mini, the world's first personal handheld calculator, which sold more than ten million units. As a result, in 2006 cumulative unit sales of CASIO

calculators passed the one billion milestone. People the world over choose CASIO calculators, the global standard for high performance, ease of use, and durability.

No. 1 in manufacturer share in Japan

Source: By-manufacturer calculator unit sales share from January to December 2012 from a GfK Japan study of sales performance at leading appliance retailers nationwide



CASIO's ever-advancing core technologies

CASIO supports the intellectual and creative activities of people around the world with long-lasting products that can be used anywhere, anytime, and by anyone. To achieve this, CASIO uses a product development approach focused on constantly advancing its five core technologies.









The pursuit of usability

Key layout and shape

Keys are ergonomically shaped and configured to match natural finger movements.



Keys are manufactured using a two-colour molding process. Plastic key markings facilitate input and do not wear or fade with use.

Key Rollover

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



History of CASIO Calculators

For more than half a century, CASIO has created numerous world-first products. The wellspring of this remarkable innovation is CASIO's unique approach to developing and making products, an approach inspired by our commitment to "Creativity and Contribution."



World's first























2010 ►

World's first





2012 -

40 years Sales Anniversary of

Personal calculator since 1972



2013

1957 ►

Compact all-electric calculator Casio 14-A

Memory-equipped electronic desktop calculator

1965 ►

Programmable electronic desktop

1967 ►

calculator

Personal calculator Casio Mini

1972 ►

0.8mm thin credit card size calculator SL-800

1983 ►

Graphic scientific calculator fx-7000G

1985 ►

2006 ►

Graphic calculator with a three-colour display CFX-9800G

1995 ►

2008 ►

Scientific calculator with natural textbook display fx-991ES

Check calculator that incorporates the world's first localized

number display D.J-120D

2011 ► **Dual Display**

Graphing calculator with calculator colour display fx-CG20

Graphing calculator with CAS capability fx-CP400

Worldwide distribution and service networks

CASIO partners with 135 subsidiary companies and distributors in 98 countries and has established regional service sites around the world to provide meticulous customer support from sales to after service.



Contributions to education

CASIO engages in school sales activities and contributes to the development of education around the world.

CASIO scientific calculators are used in schools all over the world. We not only sell scientific calculators, but also contribute to the development of mathematics education worldwide through a number of activities. For instance, we conduct workshops for teachers and students, prepare instruction books,

in school examinations. To develop scientific calculators optimized for classroom use, we solicit the opinions of teachers in various educational settings ATCM

support mathematics societies, and conduct a

project to promote the use of scientific calculators



Participation in an academic conference



A workshop

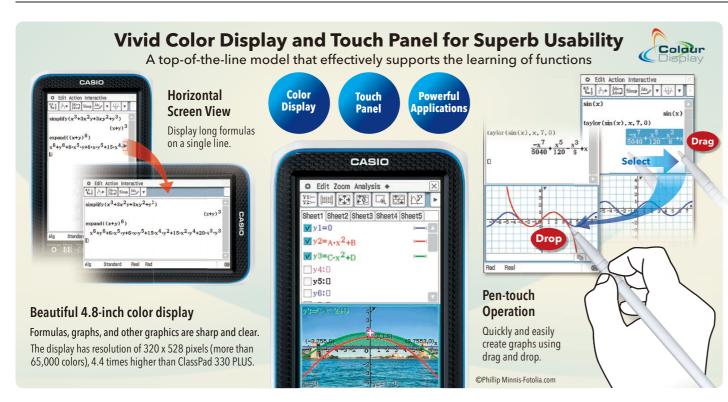


A pilot school



Support for educational institutions

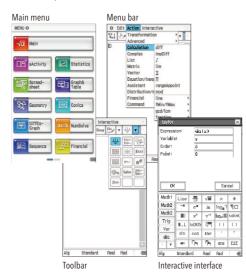
GRAPHIC MODELS WITH CAS CAPABILITY





Simple interface

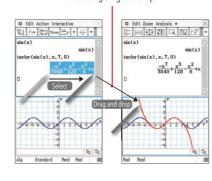
The fx-CP400 has simple, easy-to-understand menu icons, menu bars, and toolbars and an interactive interface.



Touch-panel operation by stylus or finger

The fx-CP400 offers intuitive stylus touch-panel operation that eliminates complicated key operations. Graphically display mathematical formulas by simply dragging and dropping them into the graph area.

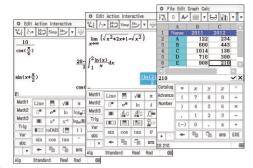
> Create a graph by selecting a formula and using drag and drop.



ClassPad II fx-CP400

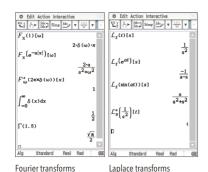
Brand-new software keyboard

The fx-CP400 supports learning of basic functions used by everyone, such as fractions, square roots, and trigonometric functions, advanced functions like differential calculus, complex compound numbers, and sigma calculations, as well as highly advanced calculations such as piecewise and user-defined formulas.



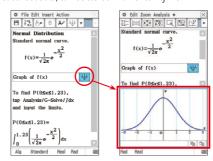
Computer Algebra System (CAS)

The CAS supports everything from Expand, Factor, Solve, and other basic commands to advanced commands like Fourier and Laplace transforms.



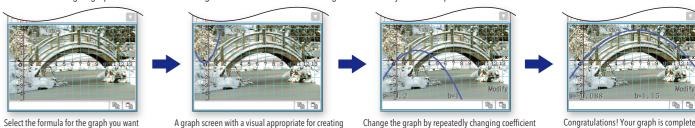
eActivity application

An eActivity is like a digital worksheet that can be created and worked with on the fx-CP400. All of the powerful features and capabilities of the fx-CP400 can be incorporated into an eActivity. In addition to performing the same calculations as the Main application, an eActivity will accept text entry, just like a word processor. Graphs, as well as Geometry and Spreadsheet data, can be stored in an eActivity file.



Graph & Picture

The calculator comes pre-loaded with visuals such as a single image (still image) of the curve of an arched bridge. The use of real-life visuals as background images for functions such as the drawing of graphs overlaid on color images makes mathematics learning a more visually familiar experience.



Plotted C2P files can be used in Graph & Table, eActivity, Conics, Sequence, and Statistics. C2P files — Single images

Display formulas and related graphs in the same color and highlight graph

display of the fx-CP400 improves the visibility of graphs and formulas.

characteristics by displaying scale marks, grids, and coordinate values. The vivid color





 $\int dx$ intersection

a graph of the selected function is displayed.

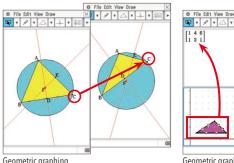


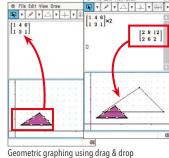
More than 40 pictures are pre-loaded on the fx-CP400!

Geometry

to create a graph that visually matches the parabola.

Students can learn general theorems by drawing figures. Dropping a geometric figure into the Main application window will produce the numerical data for the figure. An Animation function enables students to move geometric figures drawn on the screen. The fx-CP400 supports drawing of conics using a focus.





Spreadsheet application

Area of inequality shading,

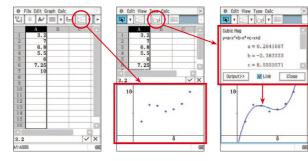
grid lines, numbers on axes

Graphing function

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, the fx-CP400 supports the following functions: search, sort, data import from and export to lists, matrices, and variables, CellIf, and Histogram/Box-whisker graphing.

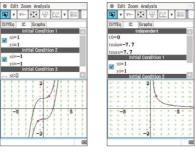
A different color for each

graph and figure



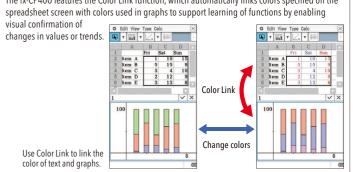
Differential Equation Graph application

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



Color Link

The fx-CP400 features the Color Link function, which automatically links colors specified on the



Financial application

This fx-CP400 application provides a total of 15 different financial calculations, including simple/compound interest, cash flow, amortization, depreciation, bond calculation, and operating/financial leverage





USB

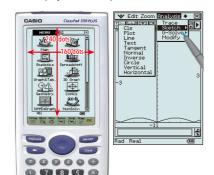
Natural Textbook Input and Output

Vα Mais efictivity 515,000 10+3 bytes DIGITS NATURAL ICON TEXTBOOK MENU Or Graph Conics ax=1 Statistics Graph®Tab List-based STAT DOT Multi-replay Geometry 20 characters by 17 ines 80000 O 7 8 9 × 305 0 4 5 6 0

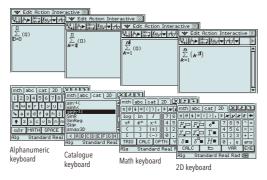
User-friendly Interface

Pen-touch Operation

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



Fractions, powers, and square roots, as well as high-level mathematical expressions such as $\log_{t} \sum_{i} \int_{t} d/dx_{i} \lim_{t \to \infty} dx_{i} dx_{i} = 0$ 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 PLUS

ClassPad II fx-CP400 / ClassPad 330 PLUS Specifications

* Comes with snap-on

ALGEBRA

- CAS (Computer Algebra System) Algebra Assistant Fractions
- Transformation (simplify, expand, factor)

01230

(EXP EXE

- Function graphing, polar, parametric and x = f(y) equations
- Numeric evaluation of functions in tables
- Graph solve (root, max, intersection, inflection, distance)
- Conics graphs (Parabola, Circle, Ellipse, Hyperbola, General figure)
- Conics graph solve (Focus, Vertex, Directrix, Symmetry, Center, Radius)
- Recursive and explicit sequence numerical tables and plots
- Number base (base 2 (Bin), 8 (Oct), 10 (Dec) and 16 (Hex))
- Laplace transform, Fourier transform, Fast Fourier transform (FFT)

CALCULUS

- Hyperbolics Integration, Differential Differential equation Σ , Π , \lim
- Dirac Delta, Heaviside Unit Step, Gamma

- Statistical plot (Scatter Plot, xyLine, Normal Probability Plot, Histogram, Box-whisker plot)
- Statistical regression graphs

GEOMETRY

eACTIVITY APPLICATION

HARDWARF

- 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

OTHER USEFUL FEATURES

- Graphing function Drag & drop Natural format input of equations and expressions
- Natural format display of results Math, Alphabet, 2D soft keyboards
- Command catalogue soft keyboard Shift key configuration Calculation history
- Mantissa + exponent: 10 + 3 Interactive manipulation for solving equations
- Differential equation graphs Numeric equation solver Financial calculations
- 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 • Resetting/Initializing memory • Selectable display language • Auto Power Off (APO)

ClassPad II fx-CP400 only

• Graph & Picture • Horizontal screen view • Length unit

ClassPad 330 PLUS only

• 3-dimensional graphs • Presentation feature • Unit-to-unit screen image transfer

- ClassPad Manager (FA-CP400A/B, FA-CP330A/B) EA-200 Data Analyzer
- · USB direct connection to CASIO Data Projector*



 Simple data management using the mass storage function



renstroual switeen Jupglaut F1 F2 F3 F4 F5 F6 ALPHA VARS A ESC X, Ø, T log In sin cos tan ab/c X² () , -7 8 9 DEL AC/ON 4 5 6 × ÷ 1 2 3 + -0 • EXP (-) EXE

ALGEBRA FX 2.0 PLUS

146,000 List-based STAT 10 pigms or 10+2 pigms ICON MENU DOT MATRIX





- (Computer Algebra System, Algebra, Tutor)
- Graphic functions and Graph solve functions
- Dynamic graph
- Dual graph
- (Graph and Table, Graph and Graph)
- Conic section graph
- 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)



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

rFactor(X2+8) (X-2√2i)(X+2√2i) NSICALCIEQUAL GAN IGRAHI D

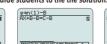
Algebra

LGEBRA

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.

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



Tutor 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

SD memory card not included

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





2,900 FUNCTIONS

List-based STAT

* Comes with snan-on

61,000 DIGITS

NATURAL V.P.A.M.

DOT MATRIX

Coldur

2,900 10+2 DIGITS 62,000 MENU NATURAL V.P.A.M. Plastic Multi-replay SD * * SD model only



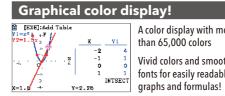
User-friendly Interface

- Large display (128 × 64 dots)
- High-resolution LCD High-speed CPU
- · Rectangular coordinate graphing, Polar coordinate graphing
- Parametric function graphing, Inequality graphing
- Table and Graph Dual graph (table and graph, graph and graph) • Solve (root, minimum, maximum, intersection, integration) • Dynamic graph
- Conic section graph Recursion graph eActivity Geometry
- Statistical plot (scatter plot, xyLine, normal probability plot, histogram, box plot)
- Statistical regression graphs (linear, med-med, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal, logistic regression)
- Advanced statistical calculations: tests, intervals, distributions Pie chart
- Bar graph Spreadsheet and statistical plot
- Numeric equation solver, Simultaneous equations, Polynomial equations
- Financial functions Programming
- SD memory card slot (fx-9860GII SD only)
- Data communication
- Out-of-the-box USB operations
- Direct connection to a projector • User memory: 62,000 bytes,
- User storage memory: 1.5 M bytes • EA-200 Data Analyzer (Option)

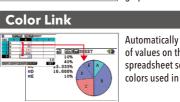


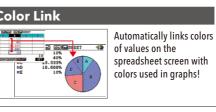
Backlight (

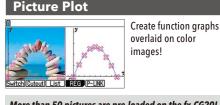
The innovative color display dramatically increases math learning efficiency. A next-generation color model that carries on the tradition of innovation in CASIO graphic scientific calculators!



A color display with more than 65,000 colors Vivid colors and smooth fonts for easily readable



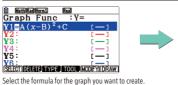






- Color display (384 × 216 pixels) Natural textbook display Graphic functions eActivity Probability
- List-based statistics
 Advanced statistics
 Financial functions
 Mass storage function
- Built-in software (Spreadsheet, E-CON2) Add-in software (Geometry, Picture Plot, Conversion, Physium)
- EA-200 Data Analyzer (Option)

Students can create a wide variety of graphs over real-life visual backgrounds



Draw a shape that corresponds to the background.

Out-of-the-box USB operations

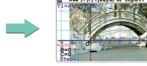
software is not required. (USB cable included)

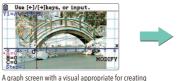
Direct connection to a projector

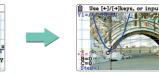
System Requirements: Operating Systems

fx-CG20

Graphing











Geometry The use of real-life visuals makes it fun and easy to study various aspects of geometry, including the drawing of shapes, movement, and similarity relations.



The fx-CG20 has a mass storage feature that makes it easy to transmit data

to a personal computer like a USB flash memory device. Program-Link

Windows® 8 (64-bit), Windows® 7 (32-bit / 64-bit), Windows Vista® (32-bit), Windows® XP (32-bit), Mac OS® X (10.5.6 or later, 10.6.2 or later)



a graph of the selected function is displayed.









Connect the calculator to a data projector and project the calculator screen.

Connect the calculator to a CASIO Data Projector. Projecting graphs and equations on a large screen makes mathematics easier to teach and easier to learn.

Large-capacity 16MB flash memory

An ample 16MB of flash memory capacity allows worry-free downloading and storage of data and applications.

GRAPHIC MODELS

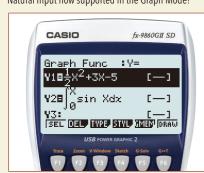
Natural textbook display!

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.

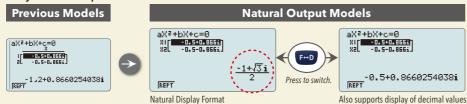
Natural Input

Natural Input now supported in the Graph Mode!

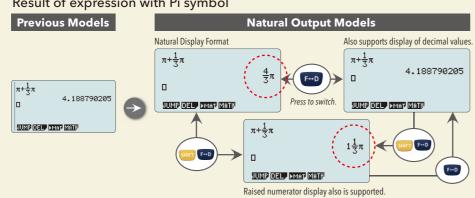


Natural Output

Polynomial equation result

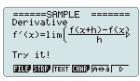


Result of expression with Pi symbol

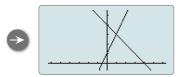


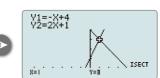
eActivity

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







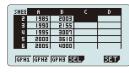


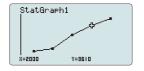
NATURAL-V.P.A.M.

Built-in Software

Spreadsheet

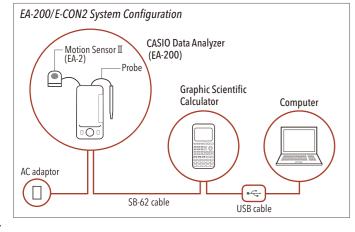
A multi-function spreadsheet with built-in graphing capabilities is a valuable tool for table calculation lesson exercises.





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.



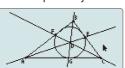
Add-in Software

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.

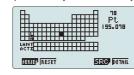
Geometry

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



Downloadable Software

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.



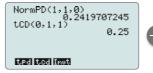


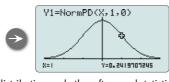
Add-in software can be downloaded from the CASIO website. http://edu.casio.com/dl/



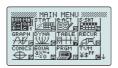
Other Features

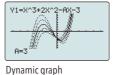
Probability





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

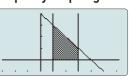


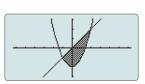


A A Regression graph

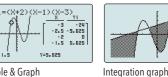
Y=5-625 Table & Graph

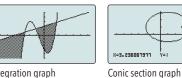
Inequality Graphing

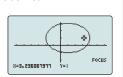




New support for graphing the inequality of an x = Constant graph and x = f(y)graph allows study of the area for which the x-range is defined.







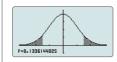
Peripherals

List-based Statistics



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

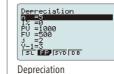
Advanced Statistics

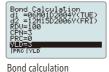


Perform tests, confidence interval, probability distribution, and other calculations and graphing.

1-sample t-test graph

Financial Functions

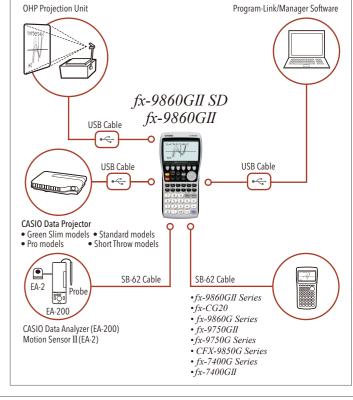






Compound interest

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



7 8 9 DEL ACION 4 5 6 × ÷ 123+-0 • EXP (-) EXE

fx-9750GII





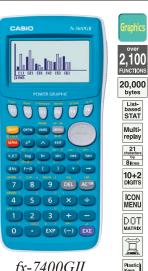
New features give you the tools to create outstanding classroom presentations!

POWER GRAPHIC

- Dot matrix display (128 × 64 dots) High-resolution LCD
- High-speed CPU
- Rectangular coordinate graphing, Polar coordinate graphing
- Parametric function graphing, Inequality graphing
- Table and Graph
- Dual graph (table and graph, graph and graph) • Solve (root, minimum, maximum, intersection, integration)
- Dynamic graph
- Conic section graph
- Recursion graph
- Statistical plot (scatter plot, xyLine, normal probability plot, histogram, box plot)

- · Statistical regression graphs (linear, med-med, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal, logistic regression)
- Advanced statistical calculations: tests, intervals, distributions
- Pie chart
- Bar graph
- Numeric equation solver, Simultaneous equations, Polynomial equations
- Financial functions
- Programming
- Data communication
- Direct connection to a projector
- User memory: 62,000 bytes USB Port
- EA-200 Data Analyzer (Option)

GRAPHIC MODELS







* Comes with slide-on hard case

POWER GRAPHIC

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

Main Functions Inequality Graphing Supports graphing of X > f(y), inequalities. **Polar Graph** Supports graphing of polar type graphs. **Graph & Table Graph Solve Function** Pie Chart Bar Graph

PROGRAMMABLE MODELS



SUPER-FX PLUS fx-5800P

Natural Textbook Display, More Powerful Program **Functions, 4-line Display**

- Programming functions (Up to memory)
- 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

Multi-replay

360 bytes

10+2 DIGITS

- Fraction calculations 40 scientific constants
- 128 built-in formulas
- Multi-replay function

analysis)

Statistics (List-based statistics,

Standard deviation, Regression

 Integrated hard case swings back a full 360 degrees.

Two-way power 5984599571 Two-way 17100001er 15984599571 2-LINE BIG DISPLAY -RCL ENG (T) TO ME 10+2 DIGITS 7 8 9 DEL AC DOT 4 5 6 × ÷ 00000 00000 00800 TWO S WAY POWER 00000 O EXP Ans EXE SUPER-FX PLUS

fx-50FII fx-50FH HKEAA approved model

BASIC-like Program, 2-line Display, **Multi-replay Function**

- Programming functions
- (4 program areas)
- Multi-replay function • 2-line big display
- Complex number calculations
- Combination and permutation
- 23 built-in formulas
- Fraction calculations
- 40 scientific constants
- Statistics (STAT-data editor. Standard deviation, Regression analysis)
- 7 variables
- Base-*n* calculations/conversions
- Logical operations
- Comes with slide-on hard case.

Two-way power



Edit Pros P-1234 201 2-LINE DISPLAY DOT 78900 45640 02500 00000

battery

SUPER-FX fx-3650Pfx-3950P

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

- Programming functions (4 program areas)
- 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.

1506666667 F4 047 040 0 0 000 7 8 9 DEL AC 4 5 6 x / 1 2 3 + -O • EXP Ans EXE

2-LINE BIG DISPLAY 10+2 DIGITS DOT



fx-4500PA

2-line Display, **Program File System**

- 2-line display shows formulas and results simultaneously.
- Programming functions (Up to memory)
- 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

FINANCIAL CONSULTANT

AAA-size (R03) battery Two-way power



FC-200V

10+2 DIGITS Cash Flow IX =3 RSD=0.FAHtor NPV:Solve DOT SHE CHO COST AND COM SAL OR OS OS OS OS OS 7 8 9 DEL AC 4 5 6 × ÷ 123+-O ×10° Ans EXE

FINANCIAL CONSULTANT FC-100V

Powerful, original Financial Consultant features take much of the work out of financial calculations! Plastic keys • Comes with new slide-on hard case.

FC-100V: One AAA-size battery (R03) Approximate battery life:

• Power supply:

FC-200V: 3 years (1 hour of operation per day) FC-100V: 17,000 hours continuous display of flashing cursor

FC-200V: Solar cell and a single G13 type button battery (LR44)

- 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

Amortization

interest to date

Depreciation

Scroll quickly and easily between values

for input and checking.

Straight-line method

declining balance method

Monthly payment, principal and

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

Investment appraisal (cash flow)

method, payback period method, etc.

Day or date calculations

Virtually the same as a standard calculator,

with some variation in the input method

Net present value method, internal rate of return

COST

Compound interest Payment period, interest rate, deposit

amount, future value

Simple interest Interest amount, principal and interest

Interest rate conversion Nominal interest rate and effective

interest rate conversion

Cost, selling price, or margin

Calculation of any of the above values

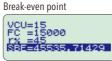
after inputting the other two

Investment appraisal (cash flow) NPV=16165.85599

Compound interest

PMT=0 FV =52000

IX =0.78595454 PV =-50000



Bond calculation

FP =24981.80265 RDV=70426.64735

Interest rate conversion APR=2.471803524

Statistical and regression Statistical calculations using input

sample data

General and function

standard calculator

Virtually the same functions as a

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

Bond calculation

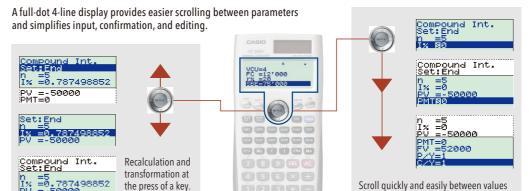
Purchase price, annual yield

Simple interest Compound interest Investment appraisal (cash flow

Amortization Interest rate conversion Cost, selling price, or margin Day or date calculations Depreciation Bond calculation Break-even point General and function Statistical and regression

Easy operation with parameters

the press of a key



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





12

ematics Chapter CASIO fx-991ES PLUS CALC COLO (a) (byp) (s) RCL ENG

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

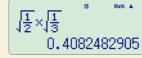
Natural Textbook Display format!

NATURAL-V.P.A.M.

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

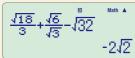
Natural input

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



Natural output

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



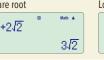
Full-dot display

Equations and statistical data are displayed in a clear, easy-to-read format

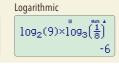


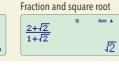
Natural Textbook Display examples

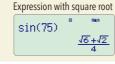
Fraction			Square roo	ot	
4+2 5+3	0	Math 🛦	√2+2√2	0	Math 🛦
		22 15			3√2

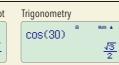


7)(8)(9







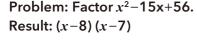


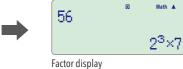
Prime factorization

82ES PLUS 85ES PLUS 350ES PLUS 95ES PLUS

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







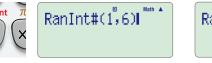
Input 56. The calculator displays the factors.

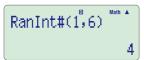
 $56=2^3\times 7$

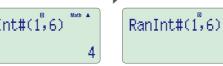
Random integers

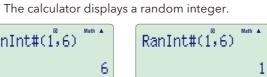
82ES PLUS 85ES PLUS 350ES PLUS 95ES PLUS 570ES PLUS 991ES PLUS

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





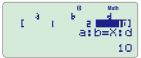




A random integer is displayed each time the equals (=) key is pressed.

Ratio calculation

95ES PLUS



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





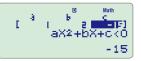


The calculator displays the value of x.

Enter the non-x coefficients.

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.

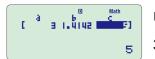
-5 < x < 3

x=5

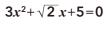
Enter the non-x coefficients.

New equation mode

95ES PLUS 570ES PLUS 991ES PLUS



Input an equation...





√ and fraction display

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

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

ES PLUS Series

AAA-size (R03) battery 7 8 9 DEL A 456×÷ 1230-0 · x10° Ars =

fx-82ES PLUS

 $Pol\left(\frac{1}{8}, \frac{\sqrt{3}}{8}\right)$

• Table function

 $f(X)=X^2+\frac{1}{2}$

Formula registration

Two-way power

fx-85ES PLUS

Statistics

AAA-size (LR03) battery 9/3+2/2

fx-350ES PLUS

Natural-V.P.A.M. Models

Prime factorization

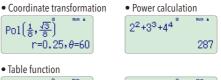
Main functions:

• Random integers

Standard functions:

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

ES PLUS Series standard functions



• Fraction calculations • Combination and permutation • 9 variables

Stant? Start value input End value input

TATE NO. End?

1.376315789

Set up step value

Table calculation

NATURAL V.P.A.M.

List-based STAT

Multi-replay

DOT

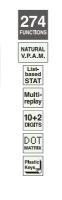
* During trigonometric calculations, only values that are a multiple of 15 can be displayed using

Trigonometry

cos(30)

Math A





Main functions

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

Standard functions plus additional function

• Equation calculations

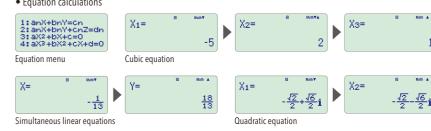
417

NATURAL V.P.A.M.

List-based STAT

10+2 DIGITS

DOT



fx-95ES PLUS

AAA-size (R03) battery





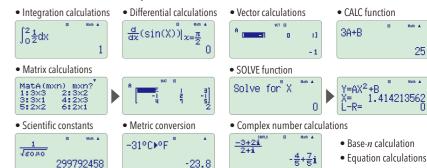


Two-way power

Main functions

• New equation mode • Random integers

Standard functions plus additional functions



Input an equation.

EA-2

MOTION SENSOR II

Support Classroom

AA-size battery

sin 60+cos 9 8660254038

ab/c √ x² ^ log In

–) •••• hyp sin cos tan

RCL ENG () M+

7 8 9 DEL AC

4 5 6 × ÷

1 2 3 + -

O EXP Ans

7 8 9 00 00

45688

Two-way power





7 8 9 00 00

4568

fx-350MS



• Statistics (STAT-data editor, Standard 9 variables Multi-replay 2-LINE DISPLAY 10+2 DIGITS

DOT

• Fraction calculations

• Combination and permutation

deviation, Regression analysis)

* Comes with slide-on hard case.

S-V.P.A.M. Models



STAT-data

DOT

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:

401 FUNCTIONS

S'AM.

STAT-data

Multi-replay

2-LINE DISPLAY

10+2 DIGITS

DOT

Plastic Keys

Button-type battery

4 5 6 8 E

(1) (2) (3) (4) (E)

fx-570MS

Equation calculations

AA-size battery



fx-100MS



• Fraction calculations

fx

- 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
- CALC function
- SOLVE function

fx-95MS

Two-way power

ab/c √ x² ∧ log In

7 8 9 DEL AC

4 5 6 × ÷

123+E

O EXP Ans =

fx-991MS

• Fraction calculations • Combination and permutation

• 9 variables • Comes with slide-on hard case.

• Metric conversions • CALC function • SOLVE function

• Statistics (STAT-data editor, Standard deviation, Regression analysis)

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

fx-115MS



the classroom?

than three digits.





• Two-line display lets you view the expression and its result at the same time. A separator symbol is displayed every three digits

when the integer part of the mantissa has more

34^5÷61n° 7.

34⁵÷6ln7=3891531.513



34^5÷6109 7

Key Features

Packed with features useful for coursework

S-V.P. Why is S-V.P.A.M. the perfect choice for Super Visually Perfect Algebraic Method

CASIO S-V.P.A.M. calculators let you input calculation formulas just as they are written in your textbook.

345÷6ln7=3891531.513

• Move the cursor to make changes for recalculation without having to input the entire expression.

 \Rightarrow 345÷6log7=8960582.451

• CD-ROM drive Display resolution: XGA or higher

· Others:

USB port

SUPPORTING OPTIONS IN THE CLASSROOM

Data Analysis System Quick and accurate collection supports data analysis.

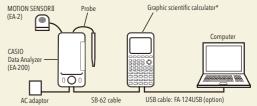
• Collect data at rates of up to 50,000 points per second for up to 120,000 points.

 Compatible with the CASIO fx 7400 Series, CFX-9850 Series, ALGEBRA FX 2.0 Series, fx-9860G Series, fx-CG20 Series, fx-9750G Series and ClassPad Series.

Includes:

- CASIO Data Analyzei • Temperature probe
- Optical probe
- Voltage probe
- Data communication cable: SB-62 • AC adaptor: AD-A60024
- Soft case
- Four AA-size alkaline batteries EA-200
 - * Data transfer to ClassPad Series is possible only via main 3-pin port, not via sub ports

System Configuration



Example of changing temperature data over time (drop in temperature of hot water)



nulses returned as echoes from the target

Analyzer to accumulate and analyze data.

t can be connected to the CASIO EA-200 Data

Software

ClassPad screen

Emulator

fx-Manager Plus

• FA-9860A (Single License)

• FA-9860B (School License)

• fx-9860GII SD, fx-9860GII,

• Emulator LCD screen capture

Key-Log Editor

Screen Receiver

Operating Systems:

System Requirements

Windows® XP Home Edition

Windows® 7 (32-hit / 64-hit)

Windows® 8 (32-bit / 64-bit)

or Microsoft® Excel® 2007

Windows Vista® (32-bit),

Windows® XP Professional (32-bit),

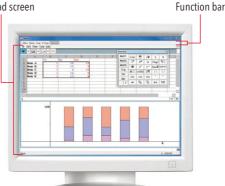
Microsoft® Excel® 2000, Microsoft® Excel® 2003,

fx-9750GII or fx-9860G Series Calculator Emulation

Key-Log auto play of recorded key operations/Step playback

Mimics calculator operation using a computer mouse and keyboard

• Copy and paste between the Spreadsheet application and Excel®



Captured screen

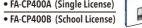
Key-Log window

FA-124USB Data

Package

ClassPad Manager for ClassPad II Series

• FA-CP400A (Single License)



• FA-CP330A (Single License)

for ClassPad Series

ClassPad Manager





• Differential Equation Graph application • Spreadsheet application

- Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit) Windows® 8 (32-bit / 64-bit)
- CD-ROM drive
- Display resolution: XGA or higher

fx-CG Manager PLUS for fx-CG Series (for Windows®)

- FA-CG1A (Single License)
- FA-CG1B (School License)
- Mimics fx-CG20 calculator operation using a computer mouse and keyboard
- Key-Log Editor
- Key-Log auto play of recorded key operations

• fx-CG20 Calculator Emulation

- Step playback
- Emulator LCD screen capture Screen Receiver

System Requirements Operating Systems: Windows® XP Home Edition,

Windows® XP Professional (32-bit) Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit),

• CD-ROM drive

Display resolution: XGA or higher



FC EMULATOR for FC-200V

Easy emulator image resizing Easy LCD window resizing

Easy captured LCD image resizing

• Emulation of FC-200V Emulation of FC-200V calculator operation using your computer

- Basic Key-Log (Copy and paste only)
- Emulator LCD screen image capture

System Requirements

Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit), Windows® 8 (32-bit / 64-bit)

• CD-ROM drive

Display resolution: XGA or higher

fx-CG Manager PLUS NEW for fx-CG Series (for Mac)

- FA-CG1MA (Single License)
- FA-CG1MB (School License)

• fx-CG20 Calculator Emulation

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

Screen Receiver

System Requirements

• Operating Systems: Mac OS® X (10.5.X / 10.6.X / 10.7.X / 10.8.X)

• CD-ROM drive

• Display resolution: XGA or higher

fx-ES PLUS Emulator for fx-ES PLUS Series

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

 Emulation of fx-82ES PLUS / 85ES PLUS / 350ES PLUS / 570ES PLUS / 991ES PLUS

Windows® 8 (32-bit / 64-bit)

Emulation of fx-ES PLUS Series calculator operation using your computer mouse and keyboard.

• Emulator LCD screen image capture

System Requirements

• Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit),

- CD-ROM drive
- Display resolution: XGA or higher

Scientific Calculators Specification Table

					Graphic	Models			
		ClassPad II fx-CP400	ClassPad 330 PLUS	ALGEBRA FX 2.0 PLUS	fx-CG20	fx-9860GII SD	fx-9860GII	fx-9750GII	fx-7400GII
	Number of functions		_	Over 1,500	(Over 2,900)*6	(Over 2,900)*6	(Over 2,900)*6	(Over 2,800)	(Over 2,100)
	Power supply (Main)	AAA × 4 (Rechargeable	AAA × 4 (Rechargeable	AAA × 4	AAA × 4 (Rechargeable	AAA × 4	AAA × 4	AAA × 4	AAA × 4
	****	battery support)	battery support)		battery support)	7000.11	74474	70004	70014
	Power supply (Backup)	100 (LR03)*1	140 (LR03)*1	CR2032 × 1	140 (LR03)* ¹	_	_	_	_
	Approximate battery life Main (hours)	60 (Rechargeable battery)*1	100 (Rechargeable battery)*1	140 (R03)* ² / 230 (LR03)* ²	85 (Rechargeable battery)*1	200 (LR03)*1	200 (LR03)*1	230 (LR03)*1	230 (LR03)*1
	Approximate battery life Backup (years)	_	_	2	_	_	_	_	_
Specifications	Dimensions H×W×D (mm)	21.1 × 89 × 206	21 × 84 × 189.5	19.5 × 82 × 178	20.6 × 89.5 × 188.5	21.2 × 91.5 × 184	21.2 × 91.5 × 184	21.3 × 87.5 × 180.5	
Specifications	Approximate weight (g) Case style	315	260	213 Slide-on hard	230 Snap-on hard	225 Slide-on hard	220 Slide-on hard	205 Slide-on hard	205 Slide-on hard
		Snap-on hard 320 × 528 dots/	Snap-on hard 160 × 240 dots/	64 × 128 dots/	384 × 216 dots/	64 × 128 dots/	64 × 128 dots/	64 × 128 dots/	64 × 128 dots/
	Display	color	monochrome	monochrome	color	monochrome	monochrome	monochrome	monochrome
	Display capacity (characters)	25 × 15	20 × 17	21 × 8	21 × 8	21 × 8	21 × 8	21 × 8	21 × 8
	Mantissa + exponent digits	10 + 3	10 + 3	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	15	15	15	15	15	15	15	15
	Internal operation digits Nested parentheses levels	Up to memory	Up to memory	26	26	26	26	26	26
	Program logic	• (BASIC-like)	• (BASIC-like)	• (BASIC-like)	• (BASIC-like)	• (BASIC-like)	• (BASIC-like)	• (BASIC-like)	• (BASIC-like)
	Memory (bytes)	515,000	515,000	146,000	61,000	62,000	62,000	62,000	20,000
Programming	Program areas	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory
Functions	Character manuscript (Flesh manuscri)	5.5MB Flash ROM for	5.5MB Flash ROM for	768KB	16MB	1.5MB	1.5MB		
	Storage memory area (Flash memory)	eActivity, 24MB USB Flash Drive	eActivity, 6MB USB Flash Drive	/00ND	TOWID	I.JIVIB	I.DIVID	_	_
	Built-in formulas	_		_	_		_	_	
	Natural textbook display / NATURAL-V.P.A.M.	•	•	_	•	•	•	_	_
	Key rollover function	(10.1)	(10.1)	•	•	•	•	•	•
	Replay function Multi-replay functions	(History)	(History) (History)	•	•	•	•	•	•
	Replay copy	(History)	(HISTORY)	_	_	_	_	_	_
Utilities	Backspace	•	•	_	•	•	•	•	•
	CALC function	_	_	_	_	_	_	_	_
	SOLVE function	•	•	•	•	•	•	•	•
	Answer function	•	•	•	•	•	•	•	•
	Variables Auto power off	Up to memory	Up to memory	28	28	28	28	28	28
	Base-n calculations (Binary/Octal/Hexadecimal)	•	•	•	•	•	•	•	•
	Logical operations	•	•	•	•	•	•	•	•
Special	Engineering symbol calculations	_	_	•	•	•	•	•	•
Features	Engineering notation (ENG/ÉNG)	_	_	•	•	•	•	•	•
	Scientific constants	_	_	_	_	_	_	_	_
CAS	Metric conversions Computer Algebra System	_	_	_	•	•	•	•	•
CAS	Trigonometric, inverse trigonometric (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	•	•	•	•	•	•	•	•
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	•	•	•	•	•	•	•	•
	Exponential, logarithmic (log, ln, 10 ^x , e ^x)	•	•	•	•	•	•	•	•
	Base specified logarithmic	•	•	_	•	•	•	•	•
	Power and radical root $(x^y/x\sqrt{})$	•	•	•	•	•	•	•	•
	Fraction	•	•	•	•	•	•	•	•
	Percentage calculation (%) Rounding			•	_	_	_	_	_
Basic	Simplification	_	_	_	•	•	•	•	•
Functions	Integer division	_	_	_	•	•	•	•	•
	GCD/LCM	•	•	•	•	•	•	•	•
	Sexagesimal ↔ decimal	•	•	•	•	•	•	•	•
	Display format (FIX, SCI) Angle unit (Deg, Rad, Grad)	•	•	•		•	•	•	
	Angle unit conversion (Deg, Rad, Grad)	•/•/-	•/•/-	•	•	•	•	•	•
	Factorization into prime factors	•	•	_	_	_	_	_	_
	Ratio calculation	_	_	_	_	_	_	_	_
Calculus	Differentiation calculation	•	•	•	•	•	•	•	•
	Integration calculation Simultaneous equation	•	•	• (30 unknowns)	• (6 unknowns)	• (6 unknowns)	• (6 unknowns)	• (6 unknowns)	• (6 unknowns)
	Polynomial equation	•		• (30 unknowns) • (Degree 2-30)	• (b unknowns) • (Degree 2-6)	• (b unknowns) • (Degree 2-6)	(6 unknowns) (Degree 2-6)	• (b unknowns) • (Degree 2-6)	(6 unknowns) (Degree 2-6)
Almat	Inequality calculation	•	•	_	_	_	_	_	_
Algebra	Table function	•	•	•	•	•	•	•	•
	Matrix calculations	•	•	•	•	•	•	•	_
	Complex number calculation	•	•	•	• (Dealers deal)	• (Dual and and)	(Dual and ad)	•	•
Geometry	Geometry application Coordinate conversion (Pol, Rec)	•	•	•	• (Preloaded)	• (Preloaded)	• (Preloaded)	•	•
decinetry	Vector calculations			_	_	_		_	_
Probability	Combination, permutation (nCr, nPr)	•	•	•	•	•	•	•	•
	Random numbers	•	•	•	•	•	•	•	•
	Random integers	•	•	_	•	•	•	•	•
	List-based STAT data editor Standard deviation	•	•	•	•	•	•	•	•
	Regression analysis						•	•	
Statistics	Linear regression	•	•	•	•	•	•	•	•
	ab exponential regression	•	•	_	•	•	•	•	•
	Advanced statistics	•	•	•	•	•	•	•	_
	Other regressions	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart Log, Exp, Pwr, Sin, Lgst
Finance	Financial functions	Log, Exp, PWr, Sin, Lgst	Log, Exp, PWr, Sin, Lgst	Log, Exp, PWr, Sin, Lgst	Log, Exp, PWr, Sin, Lgst	Log, Exp, PWr, Sin, Lgst	Log, Exp, PWr, Sin, Lgst	Log, Exp, PWr, Sin, Lgst	Log, LAP, FWI, SIII, LGST
Spreadsheet	Spreadsheet	•	•	_	•	•	•	_	
,	eActivity	•	•	_	•	•	•	_	_
	Data communication	•	•	•	•	•	•	•	•
Others	Others	Graph&Picture, Horizontal screen view, DiffEq Graph, DPJ direct connection,	Picture, Presentation, 3D Graph, DiffEq Graph, DPJ direct connection,	Recursions	Recursions, Graphical color display, Color Link,	Recursions, Backlight	Recursions, Backlight	Recursions	_
		Mass storage, Screen Receiver	Mass storage, Screen Receiver		Picture Plot	display	display		

Scientific Calculators Specification Table

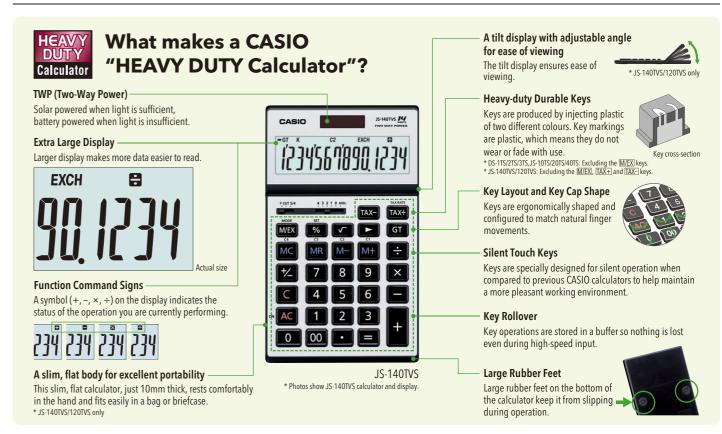
			Proc	rammable Mo	dels			Standard	d Models	
		fx-5800P	fx-50F II fx-50FH	fx-3650P	fx-3950P	fx-4500PA	fx-82ES PLUS	fx-85ES PLUS	fx-350ES PLUS	fx-95ES PLUS
	Number of functions	664	406	279	279	242	252	252	252	274
	Power supply (Main)	AAA × 1 (LR03)	Two-way power (Solar + LR44 × 1)	Two-way power (Solar + LR44 × 1)	LR44 × 1	CR2032 × 1	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)	AAA × 1 (LR03)	AAA × 1 (R03)
	Power supply (Backup)	_	_		_	CR2032 × 1	_	_	_	_
	Approximate battery life Main (hours)	1 year*3	3 years (LR44)*3	3 years (LR44)*3	9,000* ⁴ / 3 years* ⁵	5,000*4	17,000*4	3 years (LR44)*3	8,700* ¹	17,000*4
	Approximate battery life Backup (years)	_			´—	2	_		_	_
C16:1	Dimensions H×W×D (mm) Approximate weight (g)	15.1 × 81.5 × 163 150	11.1 × 80 × 162 95	11.8 × 80 × 159	11.8 × 80 × 159 100	9.9 × 73 × 141.5 85	13.8 × 80 × 162 100	11.1 × 80 × 162 95	13.8 × 80 × 162 100	13.8 × 80 × 162 100
Specifications	Case style	Integrated hard	Slide-on hard	Snap-on hard	Snap-on hard	Wallet	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
	Display	31 × 96 dots	5 × 7 dots × 16 digits	5 × 6 dots × 12 digits	5 × 6 dots × 12 digits	5 × 7 dots × 12 digits	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots
	Display capacity (characters)	16	16	12	12	12	15	15	15	15
	Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus Internal operation digits	15	— 15	— 12	— 12	— 12	— 15	— 15	— 15	— 15
	Nested parentheses levels	26	24	24	24	24	24	24	24	24
	Program logic	(BASIC-like)	(BASIC-like)	•	•	•	_	_	_	_
Programming	Memory (bytes)	28,500	680	360	360	1,103	_	_	_	_
Functions	Program areas	Up to memory	4	4	4	Up to memory	_	_	_	_
	Storage memory area (Flash memory) Built-in formulas	128	23	_	_	_	_	_	_	_
	Natural textbook display /	•	_	_	_	_	•	•	•	•
	NATURAL-V.P.A.M. Key rollover function	•	•	•	•	•	•	•	•	•
	Replay function	•	•	•	•	•	•	•	•	•
	Multi-replay functions	•	•	•	•	_	•	•	•	•
Utilities	Replay copy Backspace	-	_	_	_ •	_ •	_ •	_ •	_ •	_ •
	CALC function	•	_	_	_	•	_	_	_	_
	SOLVE function	•	_	_	_	_	_	_	_	_
	Answer function Variables	26 - 2398	7	7	• 7	e 26 - 163	9	9	9	9
	Auto power off	•	•	•	•	•	•	•	•	•
	Base-n calculations (Binary/Octal/Hexadecimal)	•	•	•	•	•	_	_	_	_
Special	Logical operations Engineering symbol calculations	•	•	•	•	•	_	_	_	_
Features	Engineering notation (ENG/ENG)	•	•	•	•	•	•	•	•	•
	Scientific constants	40	40	_	_	_	_	_	_	_
CAS	Metric conversions Computer Algebra System	_	_	_		_		_	_	
CHS	Trigonometric, inverse trigonometric	•	•	•	•	•	•	•	•	•
	(sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	•	•	•		•	•	•	•	·
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	•	•	•	•	•	•	•	•	•
	Exponential, logarithmic (log, ln, 10°, e°)	•	•	•	•	•	•	•	•	•
	Base specified logarithmic Power and radical root $(x^y/x\sqrt{})$	•	•	•	•	•	•	•	•	•
	Fraction	•	•	•	•	•	•	•	•	•
Basic	Percentage calculation (%)	•	•	•	•	•	•	•	•	•
Functions	Rounding Simplification	•	-	-	_	-	_	_	_	_
	Integer division	_	_	_	_	_	_	_	_	_
	GCD/LCM	_	_	_	_	_	_	_	_	_
	Sexagesimal ↔ decimal Display format (FIX, SCI)	•	•	•	•	•	•	•	•	•
	Angle unit (Deg, Rad, Grad)	•	•	•	•	•	•	•	•	•
	Angle unit conversion (Deg, Rad, Grad)	•	•	•	•	_	•	•	•	•
	Factorization into prime factors Ratio calculation	_	_	_	_	_	_	_	_	•
Calculus	Differentiation calculation	•	_	•	•	_	_	_	_	_
	Integration calculation	•	_	•	•	•	_	_	_	<u> </u>
	Simultaneous equation	(5 unknowns)	_	_	_	_	_	_	_	(3 unknowns)
	Polynomial equation	(Degree 2, 3)	_	_	_	_	_	_	_	(Degree 2, 3)
Algebra	Inequality calculation	—	_	_	_	_	_	_	_	•
	Table function	• (May 10 v 10)	_	_	_	_	•	•	•	•
	Matrix calculations Complex number calculation	• (Max 10×10)	•	•	•	_	_	_	_	_
	Geometry application	_	_	_		_	_	_	_	_
Geometry	Coordinate conversion (Pol, Rec)	•	•	•	•	•	•	•	•	•
Probability	Vector calculations Combination, permutation (nCr, nPr)	•	•	•	•	•	•	•	•	•
,	Random numbers	•	•	•	•	•	•	•	•	•
	Random integers	_	_	_	_	_	•	•	•	•
	List-based STAT data editor Standard deviation	•	•	•	•	•	•	•	•	•
Statistics	Regression analysis	•	•	•	•	•	•	•	•	•
	Linear regression	•	•	•	•	•	•	•	•	•
	ab exponential regression Advanced statistics	_	_	_	_	_	_	_	_	_
	Other regressions	Log, Exp, Pwr,	Log, Exp, Pwr,	Log, Exp, Pwr,	Log, Exp, Pwr,	_	Log, Exp, Pwr,	Log, Exp, Pwr,	Log, Exp, Pwr,	Log, Exp, Pwr,
Finance	Financial functions	Inv, Quad	Inv, Quad —	Inv, Quad	Inv, Quad —	_	Inv, Quad —	Inv, Quad	Inv, Quad	Inv, Quad —
Spreadsheet	Spreadsheet	_	_	_		_		_	_	
Out.	eActivity	_	_	_	-	_	_	_	_	_
Others	Data communication Others	Recursions	_	_	_	_	_	_	_	_
	eration (assuming 5 minutes calculation and 55 minutes									

^{**}Continuous operation (assuming 5 minutes calculation and 55 minutes display per nour) **Continuous display of main menu ***I nour use per day ***Continuous display of mashing cursor ***when left with power turned off ***Changes when OS is upoat

Scientific Calculators Specification Table

						Standard	d Models				
		fx-570ES PLUS	fx-991ES PLUS	fx-82MS	fx-85MS	fx-350MS	fx-95MS	fx-100MS	fx-115MS	fx-570MS	fx-991MS
	Number of functions	417	417	240	240	240	244	300	300	401	401
	Power supply (Main)	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)	AA × 1	Two-way power (Solar + LR44 × 1)	LR44 × 1	AA × 1	AA × 1	Two-way power (Solar + LR44 × 1)	LR44 × 1	Two-way power (Solar + LR44 × 1)
	Power supply (Backup)	_	(JUIAI + LIV44 × 1)	_	(JUIAI + LIV44 × 1)	_	_	_	(JUIAI + LIV44 × 1)	_	(JUIAI + LIN44 ^ 1)
	Approximate battery life Main (hours)	17,000*4	3 years	17,000*4/	3 years (LR44)*3	9,000*4/	17,000*4/	17,000*4/	3 years (LR44)*3	9,000*4/	3 years (LR44)*3
	Approximate battery life Backup (years)	_	(LR44)* ³	2 years*5	_	3 years*5	2 years*5	2 years*5	_	3 years*5	_
	Dimensions H×W×D (mm)	13.8 × 80 × 162	11.1 × 80 × 162	18.6 × 85 × 156	12.2 × 85 × 155	12.2 × 85 × 155	19.5 × 78 × 155	20 × 78 × 155	12.7 × 78 × 154.5	12.7 × 78 × 154.5	12.7 × 78 × 154.5
Specifications	Approximate weight (g)	100	95	125	100	100	130	133	105	105	105
	Case style	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
	Display Display capacity (characters)	31 × 96 dots	31 × 96 dots 15	5 × 6 dots × 12 digits 12	5 × 6 dots × 12 digits 12	5 × 6 dots × 12 digits 12	5 × 6 dots × 12 digits 12	5 × 6 dots × 12 digits 12			
	Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	_	_	_	_	_	_	_	_	_	_
	Internal operation digits Nested parentheses levels	15 24	15 24	15 24	15 24	15 24	15 24	15 24	12 24	15 24	15 24
	Program logic	_	_	_	_	_	_	_	_	_	_
Programming	Memory (bytes)	_	_	_	_	_	_	_	_	_	_
Functions	Program areas Storage memory area (Flash memory)	_	_	_	_	_	_	_	_	_	_
	Built-in formulas	_	_	_	_	_	_	_	_	_	_
	Natural textbook display / NATURAL-V.P.A.M.	•	•	_	_	_	_	_	_	_	_
	Key rollover function	•	•	•	•	•	•	•	•	•	•
	Replay function	•	•	•	•	•	•	•	•	•	•
	Multi-replay functions Replay copy	•	•	•	•	•	•	•	•	•	•
Utilities	Backspace	•	•	•	•	•	•	•	•	•	•
	CALC function	•	•	_	_	_	_	•	•	•	•
	SOLVE function Answer function	•	•	•	_ •	-	_ •	•	•	•	•
	Variables	9	9	9	9	9	9	9	9	9	9
	Auto power off	•	•	•	•	•	•	•	•	•	•
	Base-n calculations (Binary/Octal/ Hexadecimal)	•	•	_	_	_	_	•	•	•	•
Special	Logical operations	•	•	_	_	_	_	•	•	•	•
Features	Engineering symbol calculations Engineering notation (ENG/ÉNG)	•	•	•	_ •	•	•	•	•	•	•
	Scientific constants	40	40	_	_	_	_	_	_	40	40
CAS	Metric conversions Computer Algebra System	40	40	_	_	_	_	_	_	40	40
CAS	Trigonometric, inverse trigonometric										
	(sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	•	•	•	•	•	•	•	•	•	•
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/sinh 1/cosh 1/tanh 1)	•	•	•	•	•	•	•	•	•	•
	Exponential, logarithmic (log, ln, 10°, e°)	•	•	•	•	•	•	•	•	•	•
	Base specified logarithmic Power and radical root $(x^{y/X}\sqrt{})$	•	•	•	_ •	-	-	-	-	•	_
	1 one una lauren look pe / V		_		•	•	•	•	•	•	•
	Fraction	•	•	•		_			_	. •	
Basic	Percentage calculation (%)	•	•	•	•	•	•	•	•	•	•
Basic Functions	Percentage calculation (%) Rounding	-	-	-	-		•	•	-	-	•
	Percentage calculation (%) Rounding Simplification Integer division	•	•	•	•	•	-	• • —	•	•	• • —
	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM	• • — —	• • - -	• • - -	• • - -	• • - -	• - - -	• • - -	• • - -	• • - -	• • - - -
Basic Functions	Percentage calculation (%) Rounding Simplification Integer division	•	•	•	•	•	-	• • - - -	•	•	• • - - - •
	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal <>> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad)	- - - -	- - - -	- - - -	- - - - •	- - - - •	- - - 0	- - - - •	- - - 0	- - - -	•
	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad)	- - - -	• • - - - •	• • - - - •	- - -	• • - - - •	- - -	• • - - - •	• • - - - •	• • - - - •	•
	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal <> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation	• • - - • • • •		- - - - 0		- - - - •	- - - • •	- - - 0	- - - 0	• • • • • • • • • • • • • • • • • • •	• • • —
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal <>> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	- - - • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • —
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal <> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation	• • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	- - - 0 0				• • • - - • •
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal <>> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation	- - - - 0		• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• - • • • • -				
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation			• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •					• • • - - • •
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation	(3 unknowns) (Degree 2, 3)	(3 unknowns)	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	(3 unknowns)			(3 unknowns)	(3 unknowns)
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation		(3 unknowns) (Degree 2, 3)	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •		(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns)	(3 unknowns) (Degree 2, 3)
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation	(3 unknowns)	(3 unknowns)	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	(3 unknowns)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns)	(3 unknowns) (Degree 2, 3)
Calculus Algebra	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Inaple function Matrix calculation Complex number calculation Geometry application	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)				(3 unknowns) (Degree 2, 3) ———————————————————————————————————	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) —
Functions	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)
Calculus Algebra	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal <> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit Conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)				(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — —
Calculus Algebra Geometry	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal <>> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)				(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)
Calculus Algebra Geometry	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)					(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — — — — — — —
Calculus Algebra Geometry Probability	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor Standard deviation	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)				(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)
Calculus Algebra Geometry Probability	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)					(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — — — — — — —
Calculus Algebra Geometry Probability	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Inequality calculation Geometry application Complex number calculation Geometry application Complex number calculation Complex num	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)				(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — — — — — — — — — — — — —
Calculus Algebra Geometry Probability	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor Standard deviation Regression analysis Linear regression ab exponential regression Advanced statistics	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)				(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)
Calculus Algebra Geometry Probability Statistics	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Inequality calculation Geometry application Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor Standard deviation Regression analysis Linear regression Advanced statistics Other regressions	(3 unknowns) (Degree 2, 3) Log, Exp, Pwr, Inv, Quad	(3 unknowns) (Degree 2, 3)				(3 unknowns) (0 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — — — — — — — — — — — — Log, Exp, Pwr, Inv, Quad	(3 unknowns) (Degree 2, 3) — — — — — — — — — — — — — Log, Exp. Pwr, inv, Quad	(3 unknowns) (Degree 2, 3) — — — — — — — — — — — Log, Exp, Pwr, Inv, Quad	(3 unknowns) (Degree 2, 3) Log, Exp, Pwr, Inv, Quad
Calculus Algebra Geometry Probability Statistics	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Inequality calculation Geometry application Complex number calculation Geometry application Comdinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor Standard deviation Regression analysis Linear regression ab exponential regression Advanced statistics Other regressions Financial functions	(3 unknowns) (Degree 2, 3) Log, Exp, Pwr,	(3 unknowns) (Degree 2, 3)				(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — — — — — — — — — — — Log, Exp, Pwr,
Calculus Algebra Geometry Probability Statistics Finance Spreadsheet	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Integration calculation Integration acculation Integration calculation Integration calculation Complex number calculation Table function Matrix calculations Complex number calculation Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor Standard deviation Regression analysis Linear regression Advanced statistics Other regressions Financial functions Spreadsheet eActivity	(3 unknowns) (Degree 2, 3) Log, Exp, Pwr, Inv, Quad	(3 unknowns) (Degree 2, 3)				(3 unknowns) (0 unknowns) (Degree 2, 3)	(3 unknowns) (begree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — — — — — — — — — — Log, Exp, Pwr, Inv, Quad	(3 unknowns) (Degree 2, 3) Log, Exp, Pwr, Inv, Quad
Calculus Algebra Geometry Probability Statistics	Percentage calculation (%) Rounding Simplification Integer division GCD/LCM Sexagesimal ←> decimal Display format (FIX, SCI) Angle unit (Deg, Rad, Grad) Angle unit conversion (Deg, Rad, Grad) Factorization into prime factors Ratio calculation Differentiation calculation Integration calculation Simultaneous equation Polynomial equation Inequality calculation Table function Matrix calculations Complex number calculation Geometry application Coordinate conversion (Pol, Rec) Vector calculations Combination, permutation (nCr, nPr) Random numbers Random integers List-based STAT data editor Standard deviation Regression analysis Linear regression ab exponential regression Advanced statistics Other regressions Financial functions Spreadsheet	(3 unknowns) (Degree 2, 3) Log, Exp, Pwr, Inv, Quad	(3 unknowns) (Degree 2, 3)				(3 unknowns) (0 unknowns) (Degree 2, 3)	(3 unknowns) (begree 2, 3)	(3 unknowns) (Degree 2, 3)	(3 unknowns) (Degree 2, 3) — — — — — — — — — — — Log, Exp, Pwr, Inv, Quad	(3 unknowns) (Degree 2, 3) Log, Exp, Pwr, Inv, Quad

HEAVY DUTY CALCULATOR







Model	Digits	Independent memory	GT	%	Profit margin %	~	+/-	•	3-digit comma markers	Tax calcu- lation	Exchange calcu- lation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
DS-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

PRACTICAL CALCULATORS

CHECK CALCULATOR



Mini Desk Type

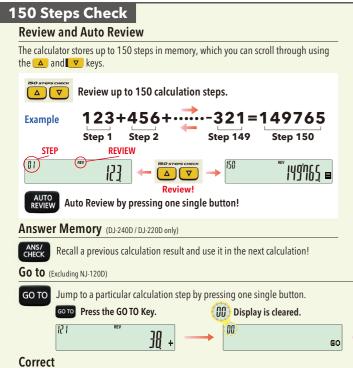


Portable Type



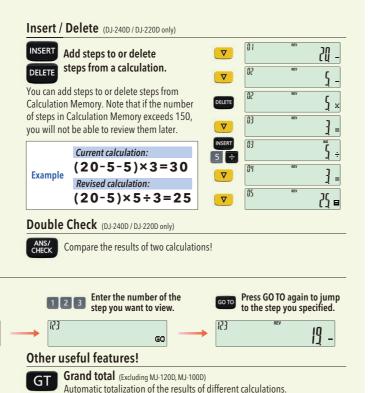


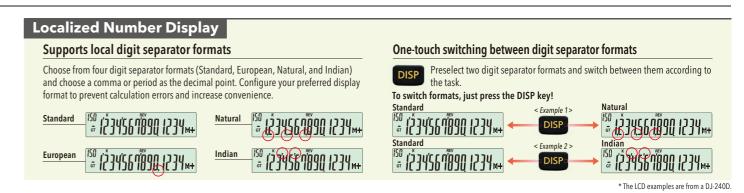




While reviewing a calculation, you can make changes in values and

operators and re-execute to obtain a new result.



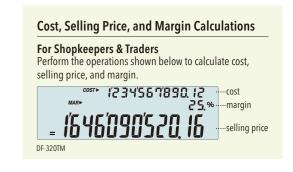


WATER-PROTECTED AND DUST-PROOF CALCULATOR



3-LINE DISPLAY CALCULATOR





Che	٠k	Ca	lcu	lator	

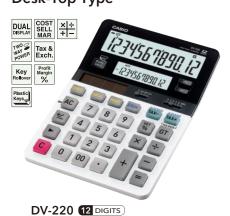
Model	Digits	Independent memory	GT	%	Profit margin %	MU	√	+/-	Þ	3-digit comma markers	Tax calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case	Others
DJ-240D/220D	14/12	•	•	•	•	-	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	38×146×219	285		
DJ-120D	12	•	•	•	_	•	•	•	•	•	_	•	•	•	0,1,2,3,4	•	Two-way power	35×140×191	205	_	150 STEPS CHECK &
JJ-120D	12	•	•	•	_	•	•	•	•	•	_	•	•	_	0,1,2,3,4	•	Two-way power	25.2×107×178.5	140	_	Localized Number Display
MJ-120D/100D	12/10	•	_	•	_	•	•	•	•	•	•	_	_	_	_	_	Two-way power	30.1×123×140	130	_	. ,
NJ-120D	12	•	•	•	_	_	•	_		•	_	_	<u> </u>	_	_	_	Two-way power	7.5×70×108.5	50	Wallet	

Water-protected and Dust-proof Calculator / 3-Line Display Calculator

Mo	del [Digits	Independent memory	Cost Sell Margin	GT	%	Profit margin %	+/-	•	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation		Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	
WD-22	20MS	12	•	•	•	•	•	•	•	•	_	•	_	_	_	_	_	_	Two-way power	34×139×187.5	255	
WM-2	20MS	12	•	•	_	•	•	•	_	•	_	•	_	_	_	_	_	_	Two-way power	34.6×104×153.5	135	
DF-32	MTO	12	•	•	•	•	•	•	•	•	_	•	_	•	•	•	0,1,2,3,4	•	Two-way power	32.3×124×179.5	200	
MS-31	MTOI	10	•	•	_	•	•	•	_	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	30×103×156	120	20

DUAL DISPLAY CALCULATOR

Desk-Top Type



12 DIGITS

Compact Desk Type



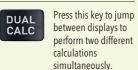
Mini Desk Type



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

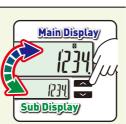


Dual Calculation



Assistant Display Function

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



10 DIGITS





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

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



Dual Calculation

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

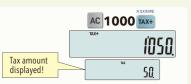
	Activ	rate the sub display: Press [DUAL CALC].		
AC 123 × 456		DUAL	328 🗵 171	
45 ⁸ 6. →	° 56′088. →	56'088.	§56′088. →	56088
O.	O.	ELTES []	11 (0	S6'000.
	Active indic	cator: Illuminated when sub display is active	2.	

Example

Assistant Display Function

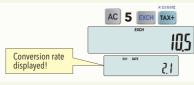
Tax Calculations

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

123×456

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

On the sub display:

328×171



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

DW-200TW 12 DIGITS Desk-Top Type LARGE DISPLAY TAX X ÷ DISPLAY TWO TILT TWO TILL TWO DW-200TW-WE DW-200TW-RD DW-200TW-BK



















Colour pairs create a more modern impression.

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

Portable Type SL-1000TW 10 DIGITS



Model

JW-200TW



12



√

margin %



3-digit comma calcumarkers lation

▶

SL-1000TW-RD

Tax

•

SL-1000TW-BU SL-1000TW-GN

5/4 Cut

• 0,1,2,3,4

Cost Sell

Exchange calculation





Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case
Two-way power	32.7×122.5×177.5	195	_
Two-way power	26.1×107×178.5	170	_
Two-way power	8.5×70×118.5	60	Wallet

Mini Desk Type MS-20NC 12 DIGITS NEW





Mini Desk Type MS-6NC 8 DIGITS NEW

MS-6NC-BU









Portable Type SL-300NC 8 DIGITS NEW



72345678

AC O . =

SL-300NC-PK



















Model	Digits	Independent memory	%	Profit margin %	\	+/-	Þ	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case
MS-20NC	12	•	•	•	•	•	•	•	_	•	•	Two-way power	22.1×104.5×149.5	125	_
MS-6NC	8	•	•	•	_	•	_	•	_	•	_	Two-way power	19.2×87×120.5	70	_
SL-300NC	8	•	•	•	•	•	•	•	•	•	_	Two-way power	8×70×118.5	50	Wallet

Portable Type SL-100NC 8 DIGITS NEW







THE DESIGNER CALCULATOR

Compact Desk Type





Model	Digits	Independent memory	GT	%	Profit margin %	√	+/-	Þ	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Others
SL-100NC	8	•		•	•	_	•	•	•	_	•	_	_	_	_	_	Two-way power	© 13.5×91×55 © 9.4×91×110.5	55	_
MS-10VC	10	•		•	•	•	•	•	•	•	•	_	_	_	_	_	Two-way power	26.2×105.5×144	100	_
RT-7000	12	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	19.7×108.5×180	250	Day/Date Calculations

FFolded UUnfolded 24 23

















7	Metal Faceplate
	DW-120MS 12 DIGITS



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

Compact Desk Type







Mini Desk Type



















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

LR6=AM3, R6P=UM-3 25

Portable Type

LARGE DISPLAY

Metal | × ÷ + -

Key Rollover %





LC-403TV 8 DIGITS



LC-401LV-BK LC-401LV 8 DIGITS



LC-401LV-WE













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



SL-300TV 8 DIGITS



SL-300LV 8 DIGITS



SL-240LB 14 DIGITS



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



SL-100L 8 DIGITS

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

Portable Type





SL-797TV 8 DIGITS





เอ๊ลหรือก็ย

SL-787TV 8 DIGITS



SL-760LC-GD



SL-760LC 8 DIGITS





12342678

WC M- M- 70 00

AC C % ÷ 7 8 9 ×

4 5 6 -

123+

HL-820LV 8 DIGITS

12345678

MRC M- M+ VF O

HL-4A 8 DIGITS

%

LARGE DISPLAY



HL-100LB 10 DIGITS



HL-820VA 8 DIGITS



12345608

© MU % ÷

456-

HS-8VA 8 DIGITS



TWO 9 WAY POWER %

Plastic Keys MU



TWO 2 WAY POWER

%

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

HL-815L 8 DIGITS





HS-8LV 8 DIGITS



HS-8LV-WE

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

VALUE SERIES

Desk-Top Type















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
GZ-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
DZ-12S	12	•	•	•	•	•	•	•	•	_	•	•	•	0.1.2.4	•	Two-way power	35×126×175	170

Compact Desk Type







Mini Desk Type







Portable Type











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	_
MZ-12S	12	•	_	•	•	—	•	•	•	-	-	-	_	—	Two-way power	31.7×103×145	100	_
MX-8S	8	•	_	•	•	•	•	_	•	_	_	_	_	—	Two-way power	31.7×103×145	100	_
SX-320P	12	•	_	•	_	•	•	•	•	-	_	-	_	_	Two-way power	7.5×70×118.5	50	Wallet
SX-300P	8	•	_	•	_	•	•	_	•	_	_	_	_	—	Two-way power	7.5×70×118.5	50	Wallet
SX-300	8	•	_	•	—	•	•	_	•	—	—	—	_	—	Two-way power	7.5×70×118.5	50	Wallet
SX-220	12	•	•	•	_	•	•	•	•	_	_	_	_	_	Two-way power	© 12.5×120×73 © 6.5×120×141	80	_
SX-100	8	•	_	•		•	•	_	•	_	_	_	_		Two-way power	© 13.5×91×55	55	_

©Folded @Unfolded

Mini-printer



Compact Type



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

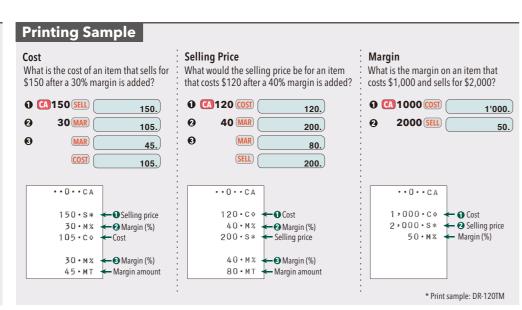
(HR-8TM/HR-100TM/HR-150TM)

Current rates for converting between U.S. dollars and up to three national currencies simply pressing corresponding button.

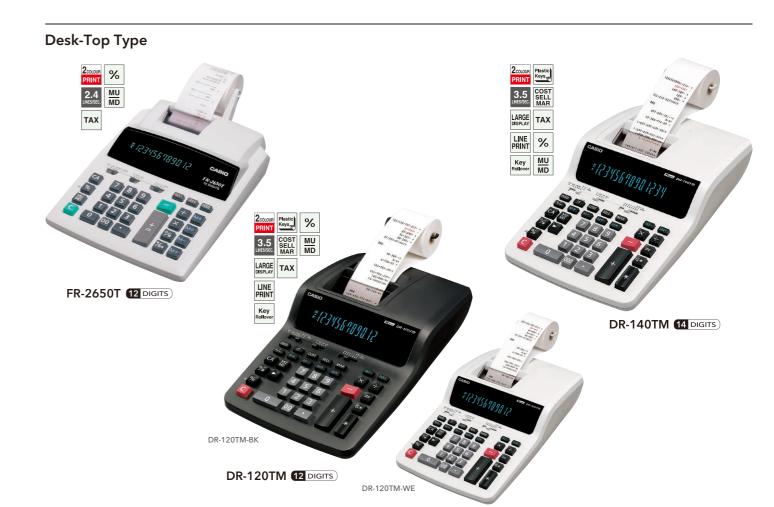
dollars and up to three national currencies by simply pressing corresponding button.
A simple operation also converts between national currencies, with intermediate conversion to U.S. dollars.

Tax Calculations

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



Model	Display	Digits		Adding machine	Sub- total Total	GT	Inde- pendent memory	Cost Sell Margin	%	Profit margin %		+/-	Þ	3-digit comma markers		Tax calcu- lation	Exchange calcu- lation	Item counter		Decimal selector			,AC	Ink	width	1	H×W×D	Approximate weight (g)	Others
HR-8TM	LCD	12	•	_	_	_	•	•	•	•	_	_	_	•		•	•	_	•	0,2	_	AA×4	AD-A60024	IR-40	58	1.6*1	41.1×99×196	340	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	520	Average calculation
HR-150TM	LCD	12	-	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	0,2,3	•	AA×4	AD-A60024	IR-40T	58	2.4*1	67.4×196×317	700	Average calculation





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

DR-240TM 14 DIGITS

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

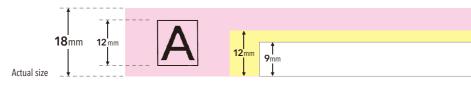
For labels you want to replace from time to time!

Labemo The MEP-T10 and MEP-U10 are not available in certain countries in accordance with local laws and regulations.

No adhesive residue! Easy to reattach!



Freely attachable and affordable tape



MEP-K10 NEW

- •16-digit, 2-line LCD
- Handles 18, 12 and 9mm tape widths •Prints up to 3 lines (18mm tape)
- •87 special characters and symbols

Simple function keys for effortless operation!













Printing of Handwritten

Text or Illustrations

Languages supported: English / Spanish / French / Portuguese /Czech / Polish / Hungarian / nan / Italian / Dutch / Finnish / Swedish / Danish / Norwegian / Indonesian / Esto

Simple function keys



Simple Touch Panel Operation

(MEP-T10 only)

Attach immediately! No wastepaper!

This product is not available in some countries due to regional restrictions



This product is not available in some countries

Touch Panel and PC-Connectable Model MEP-T10 NEW •Touch Panel operation

Diacritical marks

- PC-Connectable [USB Connection]
- •3.6-inch touch panel LCD (with backlight)
- Handles 18, 12 and 9mm tape widths
- Prints up to 3 lines (18mm tape)







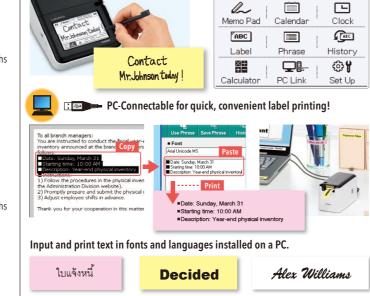
Touch Panel PC-Connectable FUSB Connection

PC-Connectable Model MEP-U10 NEW

- •PC-Connectable [USB Connection] • Handles 18, 12 and 9mm tape widths
- Prints up to 3 lines (18mm tape)



PC-Connectable IUSB Connection











LABEL IT!

For labels you want to stay securely in place!

LABEL PRINTER

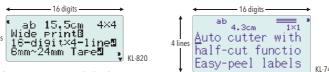
Labels stay securely in place!

Uses tape that stays firmly in place and is suitable for wide-ranging applications





Large, easy-to-read, 16-digit, 4-line LCD (KL-7400/820 only) *3-line input area



Makes attractive labels



Prints up to 6 lines (KL-7400 only)

AD. PLAN 2009>
. TELEVISION
. NEWS SITE
. NEWS PAPER
. MAGAZINES
. CAMPAIGN

24 or 18 mm tape



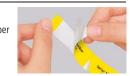
Barcode printing



Convenient for high-volume printing! (KL-7400* only)

Auto cutter with half-cut function

Slits only the tape for easy removal from the backing paper * Continuous printing of up to 100 labels is possible.



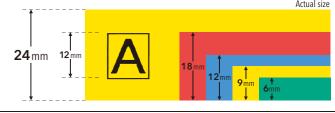
Numbering (KL-7400/820* only)

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



* KL-7400: Numbering from 0 to 99,999. You can print up to 100 numbered labels per print operation. KL-820: Numbering from 0 to 999. You can print up to 9 numbered labels per print operation.

Wide variety of colours and sizes (24mm tape is for the KL-7400/820 only.)





- * Input area 3 lines
- •Handles 24,18,12,9 and 6mm tape widths • Prints up to 6 lines (24 or 18mm tape)
- •12 mm print head / 200 dpi resolution
- Designed logo printing
- Barcode printing



519 illustrations and symbols

No. BCG-11342

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

high-volume label printing

KL-7400

- Large, easy-to-read, 16-digit, 4-line LCD

- Auto cutter with half-cut function

- Numbering

•519 illustrations and symbols 0======00 **Multifunction model that handles**

tape widths up to 24mm

KL-820

- Large, easy-to-read, 16-digit, 4-line LCD
- •Handles 24, 18, 12, 9 and 6mm tape widths
- •12mm print head / 200 dpi resolution •Designed logo printing
- Barcode printing
- •87 special characters and symbols
- Numbering



Compact model

KL-120

• Large 16-digit, 2-line LCD

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







KL-60

- •4-digit, 1-line LCD
- Handles 12, 9 and 6mm tape widths •5mm print head / 160 dpi resolution
- Prints up to 2 lines (12 or 9mm tape)
- •3 character effects (Shading, Underline, Box)



Wide Print® 16-di9it×2-Line®

Chinese label printer (支持中英文) KL-170 PLUS

• Five Chinese input methods

Portable, easy-to-use

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









Labemo =

Specifications

	Model	MEP-K10	MEP-T10	MEP-U10
Connection	Personal computer	=	•	•
LCD	LCD size	96 x 16 dots	3.6-inch 240 x 160 dots	=
LCD	Backlight	_	•	_
	Print resolution (dpi)*1	200	200	200
Printing	Maximum printing height (mm) *2	Approx. 12	Approx. 12	Approx. 12
	Maximum lines *2	3	3	3
	Fonts	Sans-serif	Sans-serif, Simsun (Chinese)*3	<u>*</u> *3
Built-in Data	Installed character types	260	21,685*3	*3
Dunt in Duta	Kanji	_	21,003*3	*3
	Pinyin conversion	_	Approx. 77,000 *3	*3
	Input method	Alphabet	Alphabet, Pinyin (Chinese)*3	*3
	Handwriting	=	•	_
	No. of recorded handwritten memos	_	99	_
	Time stamp	_	•	•
Functions	Clock / Alarm	_	•	_
	Calendar	=	•	_
	Calculator	_	•	_
	Common phrases	=	•	•
	Auto power off	•	•	_
Power supply	'	6 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor (AD-A12200L) 4 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor (AD-A12200L)
Accessories		Sample tape x 1	AC adaptor (AD-A12200L) / Sample tape x 1 Windows® PC software CD-ROM x 1 Two touch pens / Dedicated USB cable	AC adaptor (AD-A12200L) / Sample tape x 1 Windows® PC software CD-ROM x 1 Dedicated USB cable
Dimensions:	W×D×H*4(mm)	118×184×59	119×146×67	61×118×68
Approximate	weight (g)	365 * ⁵	375*6	235

^{*1} Dpi (dots per inch): number of dots per inch (approx. 25.4mm) *2 Use of 18mm tape *3 When linked to a PC, depends on the PC environment *4 With rubber feet *5 Without hatteries *6 Without hatteries / With touch nen-

PC Software Operating Environment

OS	Microsoft® Windows® 8, Windows® 7, Windows Vista®, Windows® XP
PC	PC/AT compatible machine with the following specifications: One of the above OS pre-installed A CPU recommended for the OS A USB port as standard equipment
Memory	128 MB minimum memory / Memory recommended for the OS
Hard disk	120 MB minimum free hard disk space
CD drive	For installation

[•]Other conditions should comply with the recommended environment for the above operating systems

- •The software may not run correctly depending on hardware configuration.
- •The software does not run on 64-bit versions of Windows® XP. •The software is not warranted to run on operating systems that have been
- upgraded or otherwise modified from the pre-installed state. •Follow the precautions about software in the operation manual included
- with the product.
- * Microsoft, Windows, and Windows Vista are registered trademarks or trademarks of Microsoft Corporation in the United States and
- * Other company and product names are registered trademarks or trademarks of their respective owners.

Tape replacement is quick and easy.







Labemo tape lineup

Width	18 m m	12 mm	9mm
BLACK on WHITE	XA-18WE1	XA-12WE1	XA-9WE1
BLACK on YELLOW	XA-18YW1	XA-12YW1	XA-9YW1
BLACK on PINK	XA-18PK1	XA-12PK1	XA-9PK1



Labemo dedicated tapes cannot be used with LABEL IT! products.

LABEL IT!

mate weight (g) *8

12mm x 1

Specifications

	Model	KL-7400	KL-820	KL-120	KL-60	KL-170 PLUS
Keyboard	l layout	QWERTY	QWERTY	QWERTY	QWERTY	QWERTY
Display	LCD	128 x 64 dots	95 x 32 dots	96 x 16 dots	5 x 7 dots + cursor	64 x 16 dots
Display	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
	pe widths (mm)	24/18/12/9/6	24/18/12/9/6	18/12/9/6	12/9/6	18/12/9/6
Printing I	resolution	200 dpi / 96 dots	200 dpi / 96 dots	200 dpi / 96 dots	160 dpi / 32 dots	200 dpi / 64 dots
	ngth switching	cm / inches	cm / inches	cm / inches	_	_
Printing s	speed (mm/sec.)	10	6	6	11.6	6
	n printing height (mm)	12	12	12	5	8
Maximur	n printing lines	6	3	2	2	2
Fonts		Sans-serif / Sans-serif italic / Sans-serif rounded / Roman / Roman italic	Sans-serif / Sans-serif italic / Sans-serif rounded / Roman / Roman italic	Sans-serif	Sans-serif	圓體, 黑體, 明體, Logo style, Stencil
Characte	rstyles	Normal / Bold / Outline / Shadow / Raised	Normal / Bold / Outline / Shadow / Raised	Normal / Bold / Outline	Normal	Normal / Outline
Characte		Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Вох
	haracter types	680	248	248	207	8,841
Alphanumeric characters		62	62	62	62	62
llustrations		124		_	_	212
Special characters / symbols		395	87	87	46	193
Countries	s' characters	99	99	99	99	8,374
Auto cutte	er with half-cut function	•	_	_	_	_
Frame pri		65	65	_	_	85
	ccording to use	24	24	18	_	33
Mirror pri		•	•	•	•	•
Printing of		Horizontal / Vertical	Horizontal / Vertical	Horizontal	Horizontal	Horizontal / Vertical
Printing I	number setting	100	9	9	_	_
Design lo		60	60	_	_	_
Numberi		•	•	_	_	_
Barcode p		•	•	_	_ _	
	es 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 pow		•	•	•	•	•
Maximum	ı characters per input data	127	100	80	63	63
Power su	pply	AC adaptor *5 (included) or 8 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor *5 (optional) or 6 x AA-size alkaline (LR6) batteries (sold separately)	6 x AA-size alkaline (LR6) batteries (sold separately)	6 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor*5(optional) or 6 x AA-size alkaline (LR6 batteries (sold separately)
	nate battery life*6	2 tape cartridges	4 tape cartridges	4 tape cartridges	10 tape cartridges	4 tape cartridges
	ons*7:H x Ŵ 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

610 12mm x 1

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

9mm x 1

Label Printer Options

Width 24mm 18mm 12mm 9mm 6mm BLACK on WHITE XR-24WE1 XR-18WE1 XR-12WE1 XR-9WE1 XR-6WE BLACK on CLEAR XR-24X1 XR-18X1 XR-12X1 XR-9X1 XR-6X2 BLACK on RED XR-24RD1 XR-18RD1 XR-12RD1 XR-9RD1 XR-9RD1 XR-6RD
BLACK on CLEAR XR-24X1 XR-18X1 XR-12X1 XR-9X1 XR-6X
BLACK on RED XR-24RD1 XR-18RD1 XR-12RD1 XR-9RD1 XR-6RD
BLACK on YELLOW XR-24YW1 XR-18YW1 XR-12YW1 XR-9YW1 XR-6YW
BLACK on BLUE XR-24BU1 XR-18BU1 XR-12BU1 XR-9BU1 —
BLACK on GREEN XR-24GN1 XR-18GN1 XR-12GN1 XR-9GN1 XR-6GN
BLACK on GOLD — XR-18GD1 XR-12GD1 XR-9GD1 —
BLACK on SILVER — XR-18SR1 XR-12SR1 XR-9SR1 —

Colour Tape (Colour Letters · 8m)

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



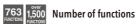
Chocolates

Football highlights '15 England vs. Brazil

Household accounts

FUNCTION SYMBOLS

Scientific Calculator/Financial Consultant





NATURAL V.P.A.M. 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 original Vision All the features of the existing V.P.A.M. series plus a new 2-line display and a useful Replay function. All this helps to make mathematics easier to use and easier to understand than ever before.



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



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



Multi-replay

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



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



Data communication with a personal computer



Allows data communication with a personal computer.

High-resolution screen provides beautiful looking



Plastic keys Plastic Keys

Designed and engineered for easy operation.

Practical Calculator/Printing Calculator

DUAL Dual display

Equipped with two LCD displays to allow performance of different calculations or viewing of two values.





Large, easy-to-read display.





Solar cell powers calculations even when lighting is



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

Page



Metal Faceplate
Tough cover stands up to receive Tough cover stands up to rough treatment.

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

Tax & exchange function
Tax calculation and currency conversion functions.

Tax calculation TAX

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

TILT Tilt display

The degree of display can be adjusted freely.



duration or date.

Time calculation Time calculation allows easy input and calculation of hour,

minute, and second values. Profit margin percent

Regular percent

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

Regular percentage calculations.

Murk-up/Mark-down

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

DOT Dot matrix display

graphs every time.

operation at a glance.

Function command signs
A symbol $(+, -, \times, \div)$ on the display indicates the status of operation you are currently performing.



Printing the current time and date.

150 150 steps check

Displays up to 150 previous calculation steps.

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

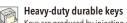
quieter operation. 2colour printing

PRINT Positive values are shown in black, and negative values are shown in red for easy checking.

3.5 line-per-second printing

The value indicates the number of lines printed per second.

Page



Model

Page

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

Page

MODEL INDEX Red numbers indicate new models. Model

AIGEBRA FX 2 0 PLUS		-		•		-		-	•
Alice Alic	Δ		FA-CP400A/B	14	HS-8LV-BK	28	MS-7TV	26	SL-240LB
AX + 12S		_	FA-124USB	14					
AX. 120S			EV 0840V/B	1/	HC 8//A	28	MS 10S	26	ST 300TV
ClassPad 330 PLUS	AX-12S	. 30				20	MC 10/C DE ®	20	CL 200NC DV ®
ClassPad 330 PLUS 5	AX-120S	. 30			17		MIS-10VC-BE @	24	SL-300NC-BK (B)
ClassPad 330 PLUS	AX-120ST	30	FC-100V	10		27	MS-10VC-BK 🗒	24	SL-300NC-BRD (B)
ClassPad 330 PLUS					J-1205	20	MS-10VC-BU (B)	24	SL-300NC-BRG (B)
D	C		FR-2650T	32	JF-120MS	26	MS-10VC-GN ®	24	SL-300NC-BU (B)
D		5	fx-CG20 ©	6	JJ-120D	19	MS-10VC-OF (B)	24	SL-300NC-BYW (B)
D-20L 25		J	fv CP400	3	JS-10TS	18	MS 10VC PK ®	24	SL 300NC GN (B)
D-20L 25 fk-50F II 9 D-40L 25 fk-82ES PIUS-BK 12 D-60L 25 fk-82ES PIUS-BK 12 D-120S 25 fk-82ES PIUS-BK 12 D-120D 19 fk-85BS II 3 D-120D 19 f	D			1.4	IS-20TS	18	MC 10VC PL®	24	CL 200NC DV ®
December Color C		25	IX-E3 PLU3 Emulator	14	IS 20TS GD	10	NIS-10VC-FL @	24	3L-300NC-FK @
December Color C	D-20L	. 25	tx-50F II	9	JS-2013-GD	10	MS-10VC-RD 🕲	24	SL-300NC-RD (B)
12-10			fx-50FH	9	J3-4013	10	MS-10VC-WE 🕲	24	SL-300NC-RG (B)
12-10	D-60L	. 25	fx-82ES PLUS-BK	12	JS-401S-GD	18	MS-10VC-YW ®	24	SL-300NC-WE ®
DF-120MS	D-120S	. 25	fx-82ES PLUS-WE (B)	12	JS-120TVS-BK	18	MS-20NC-BK (B)	23	SL-315TV 2
DF-320TM	DF-120MS	25	fy-82MS	13	JS-120TVS-SR	18	MS-20NC-BRD (B)	23	SI-320TV
DJ-120D 19 fx-85MS 13 JS-140TVS-SR 18 MS-20NC-BW 23 SL-760LC-BK. 22 DJ-220D 19 fx-95ES PLUS 12 JV-220	DF-320TM	20	f OFEC DITIE	12	JS-140TVS-BK	18	MC 20NC PRG ®	22	ST 340/V
DJ-220D	DI 120D	10	f. 0FMC	12	IS-140TVS-SR	18	MC 20NC DU ®	23	SL-340VA
DJ-240D	DJ-120D	. 19	TX-85IVIS	13	1// 220 ®	21	MS-20NC-BU (B)	23	SL-760LC-BK
DM-1200MS	DJ-220D	. 19			JV-220 @	21	MS-20NC-BYW B	23	SL-760LC-GD2
DM-1200MS	DJ-240D	. 19	fx-95MS	13	JW-120MS	26	MS-20NC-GN (B)	23	SL-787TV-BK 2
DM-1200S	DM-1200MS	. 25	fx-100MS	13	JW-200TW-BK (B)	22	MS-20NC-PK (B)	23	SL-787TV-GD
DM-1400S	DM-1200S	25	fx-115MS	13	JW-200TW-BU (B)	22	MS-20NC-RD (B)	23	SI-797TV-BK
DM-1600S. 25 Fx-350MS. 13 JW-200TW-GN ® 22 MS-20NC-WE ® 23 SL-1000TW-RK ® 22 DR-120TM-BK 32 Fx-570ES PILUS 12 JW-200TW-RD ® 22 JW-200TW-RD ® 22 DR-120TM-WE 32 Fx-570MS 13 JW-200TW-RD ® 22 JW-2	DM-1400S	25	fy 350EC PLLIC	12	JW-200TW-GD (B)	22	MS 20NC PG ®	23	SI 707TV GD
DR-120TM-BK 32 fx-570BS PLUS 12 JW-2001W-PK © 22 MS-20S 26 SL-1000TW-BU ® 22 DR-140TM 32 fx-991BS PLUS 12 JW-200TW-BC © 22 MS-80S 26 SL-1000TW-GD ® 22 DR-140TM 32 fx-991BS PLUS 12 JW-200TW-BC © 22 MS-80S 26 SL-1000TW-GD ® 22 DR-240TM 32 fx-991BS PLUS 13 JW-200TW-BC © 25 MS-100MS 26 SL-1000TW-DR ® 22 DR-240TM 32 fx-3650P 9 KL-60 34 MS-170TV 26 SL-1000TW-DR ® 22 DR-240TM 32 fx-3950P 9 KL-60 34 MS-270TV 26 SL-1000TW-DR ® 22 DR-27TM 32 fx-3950P 9 KL-60 34 MS-270TV 26 SL-1000TW-DR ® 22 DR-27TM 32 fx-4500PA 9 KL-170 PLUS 34 MS-310TM 20 SX-100 33 MS-27TV 26 SL-1000TW-DR ® 22 DR-27TS D 18 fx-4500PA 9 KL-170 PLUS 34 MS-310TM 20 SX-100 33 MS-27TS D 18 fx-4500PA 9 KL-170 PLUS 34 MS-310TM 20 SX-100 33 MS-27TS D 18 fx-9750GI © 8 L-120 MW-5V-BK 26 SX-220 33 MW-5V-BK 26 SX-320 D 33 MW-5V-BK 26 SX-320P 33 MW			f. 250MC	12	IW-200TW-GN ®	22	MC 20NC ME	23	CL 1000TM DV ®
DR-120TM-WE 32 fc-570MS 13 JW-200TW-BD 22 MS-80S 26 SL-1000TW-GD 8 22 DR-140TM 32 fc-991ES PLUS 12 JW-200TW-WE 8 22 MS-100MS 26 SL-1000TW-GN 8 22 DR-240TM 32 fc-991MS 13	DD 120TM DV	. 23	TX-350IVIS	13	IN 200TM PK B	22	IVIS-20INC-WE ®	23	SL-10001VV-BK @ 2
DR-140TM 32 fx-991ES PLUS 12 DR-220TW-WE ® 22 MS-100MS 26 SI-1000TW-RG ® 22 DR-240TM 32 fx-395DP 9 KD-220TM 32 fx-395DP 9 KL-60 34 MS-170TV 26 SI-100TW-RD ® 22 DR-220TM 32 fx-395DP 9 KL-60 34 MS-270TV 26 SI-1000TW-RD ® 22 DR-220TM 32 fx-395DP 9 KL-120 34 MS-270TV 26 SI-1000TW-RD ® 22 DR-22TS GD 18 fx-580DP 9 KL-170 PLUS 34 MS-310TM 20 SX-100 33 DS-2TS B fx-7400GI□ 9 KL-820 34 MS-470V 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-270TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-270TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-270TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-270TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-270TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-270TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-570TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-570TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-570TV 26 SX-220 33 DS-2TS B fx-7400GI□ 8 KL-7400 34 MS-570TV 26 SX-220 33 DS-27TS B fx-7400 34 MS-570TV 27 MX-120 B 22 DS-27TS B fx-7400 34 MS-570TV 27 MX-120 B 22 DS-27TS B fx-7400 34 MS-570TV 27 MX-120 B 22 DS-27TS B fx-7400 B 22 D	DR-1201M-BK	. 32	tx-570ES PLUS	12	JW-2001W-FK @	22	MS-20S	26	SL-1000TW-BU (B)
DR-210TM 32 k-991MS 13 DR-240TM 32 k-3650P 9 DR-240TM 33 k-3650P 9 DR-240TM 34 MS-270TM 34 MS-270TM 34 MS-310TM			fx-570MS	13	JW-2001W-RD B	22	MS-80S	26	SL-1000TW-GD (B)
DR-210TM 32	DR-140TM	. 32	fx-991ES PLUS	12	JW-2001W-WE B	22	MS-100MS	26	SL-1000TW-GN ®
DR-240TM 32 fx-3650P 9	DR-210TM	. 32	fx-991MS	13	V		MS-120MS	26	CL 1000T\M DV (R)
DS-1TS-GD 18 fx-4500PA 9 KL-170 PLUS 34 MS-470V 26 SX-200 33 DS-2TS-GD 18 fx-5800P 9 KL-170 PLUS 34 MS-470V 26 SX-220 33 DS-2TS-GD 18 fx-9400GII □ 9 KL-820 34 MY-210 □ 21 SX-300 33 MS-470V 26 SX-220 MS-470V 26 SX-230P 30 MS-570V 27 MS-8V-WE 26 SX-300P 30 MS-570V 27 MS-8V-WE 26 SX-320P 30 MS-570V 27 MS-8V-WE 30 MS-570V 27 MS-8V-WE 30 MS-570V 27 MS-120 MS-570V 27 MS-			fv-3650P	9			MS-170TV	26	SI_1000TW-RD ®
DS-1TS-GD 18 fx-4500PA 9 KL-170 PLUS 34 MS-470V 26 SX-200 33 DS-2TS-GD 18 fx-5800P 9 KL-170 PLUS 34 MS-470V 26 SX-220 33 DS-2TS-GD 18 fx-9400GII □ 9 KL-820 34 MY-210 □ 21 SX-300 33 MS-470V 26 SX-220 MS-470V 26 SX-230P 30 MS-570V 27 MS-8V-WE 26 SX-300P 30 MS-570V 27 MS-8V-WE 26 SX-320P 30 MS-570V 27 MS-8V-WE 30 MS-570V 27 MS-8V-WE 30 MS-570V 27 MS-120 MS-570V 27 MS-			fv 2050D	ó			MC 270TV	20	SL 1000TW-RD @
DS-1TS-GD	DC 1TC	10	(4F00DA	7	KL-120	34	NAC 240TM	20	SV 400
DS-2TS	D3-113	. 10	TX-4500PA	9	KI-170 PLUS	34	NIS-3 10 1 NI	20	5X-100
DS-31S	DS-115-GD	. 18	tx-5800P	9	KI 820	31	MS-470V	26	SX-220
DS-31S			fx-7400GII ©	9	VI 7400	24	MV-210 B	21	SX-300
DS-31S	DS-2TS-GD	. 18	fx-9750GII ©	8		34	MW-5V-BK	26	SX-300P 3
DW-120MS	DS-3TS	18	fx-9860GII ©	6			MW-5V-WF	26	SX-320P 3
DW-120MS	DS-120T\/	25	fv-9860GII SD (C)	6		0.7	MW-8V-BK	26	
DW-120MS	DV 220 ®	21			LC-160LV-BK	27	M/M/ O// M/E	20	W
DW-200TW-BK	DW 120MC	25	G		LC-160LV-WE	27	MAY 00	20	WD-220MS-BU (B)
DW-200TW-BU	DVV-120IVI3	. 25		20	LC-401LV-BK	27	MX-85	30	WD 220MS WE®
DW-200TW-GD B					LC-401LV-WE	27	MX-120S	30	WM 220MC PU ®
DW-200TW-GN ® 22 GZ-12S 29 DW-200TW-PK ® 22 DW-200TW-PK ® 22 DW-200TW-PK ® 22 DW-200TW-PK ® 22 DW-200TW-WE & 28 DW-100D 19 DW-200TW-WE & 24 DW-200TW-WE & 25 DW-200TW-WE & 24 DW-200TW-WE & 25 DW	DW-200TW-BU (B)	. 22			IC-403TV	27	MZ-12S	30	WIVI-220IVIS-BU (B)
DW-200TW-R0	DW-200TW-GD (B)	. 22			LC 1000TV	27	PTI		WW-220WS-WE B
DW-200TW-PK ® 22 DW-200TW-RD ® 22 DW-200TW-WE ® 22 DX-120S 29 DX-120S 29 DX-120S 29 DX-120S 29 DX-120S 29 DX-120S 29 DX-12S 29 DX-12S 29 DX-12S 29 HL-815L-BK 28 DX-100D 19 HL-815L-WE 28 HL-820LV-PK 28 HL-820LV-PK 28 EA-2 14 HL-820LV-WE 28 EA-2 14 HL-820LV-WE 28 EA-2 14 HL-820LV-WE 28 EA-2 14 HL-820LV-WE 28 EA-2 14 HR-8TM-BK 31 MS-6NC-BK ® 23 EX-100NC-BU ® 24 B Blister pack only. FA-CG1A/B 14 HR-8TM-RD 31 MS-6NC-GN ® 23 SL-200TE 27 C Clamshell packaging only. FA-CG1MA/B 14 HR-8TM-RD 31 MS-6NC-PK ® 23 SL-200TE 27 * Items without letter code are available	DW-200TW-GN (B)	22	GZ-12S	29		21	N		
DW-200TW-RD ® 22 HL-4A 28 MEP-K10 33 NJ-120D-BU 19 DX-120S 29 HL-100LB 28 MEP-U10 33 DX-120ST 29 HL-815L-BK 28 MJ-100D 19 DX-12S 29 HL-815L-BK 28 MJ-120D-BU 19 DX-12S 29 HL-820LV-ME 28 MJ-120D-BU 19 EA-2 14 HL-820LV-WE 28 MJ-120D-WE 19 EA-200 14 HR-8TM-BX 31 MS-6NC-BK ® 23 SL-100NC-BU ® 24 B Blister pack only. FA-CG1A/B 14 HR-8TM-RD 31 MS-6NC-BU ® 23 SL-100NC-RD ® 24 © Clamshell packaging only. FA-CG1MA/B 14 HR-100TM 31 MS-6NC-PK ® 23 SL-210TE 27 * Items without letter code are available			m		M		NJ-120D-BK	19	
DW-200TW-WE ® 22 HL-4A 28 MEP-T10 33 NJ-120D-RD 19 DX-120S 29 HL-1010LB 28 MEP-U10 33 RDX-120ST 29 HL-12TV 28 MJ-100D 19 RT-7000-BK 24 HL-815L-BK 28 MJ-120D 19 RT-7000-BK 24 HL-820LV-BK 28 MJ-120D-BU 19 RT-7000-WE 24 HR-820LV-BK 31 MS-6NC-BK 8 23 SL-100NC-BU 8 24 B Blister pack only.	DW 200TW PD ®	22				22	N.I-120D-BU	19	
DX-120S 29 HL-122TV 28 MJ-100D 19 RT-7000-BK 24 BIster pack only. E	DW-2001W-KD @	. 22	HL-4A	28			N I-120D-RD	10	
DX-120ST 29	DVV-2001VV-VVE (b)	. 22						17	
DX-1205	DX-1205	. 29			MEP-U10	33	R		
HL-815L-WE 28 MJ-120D-BU 19 EA-2 14 HL-820LV-WE 28 MJ-120D-WE 19 EA-200 14 HL-820VA 28 MS-6NC-BK B 23 SL-100L 27 HR-8TM-BK 31 MS-6NC-BR B 23 SL-100NC-BU B 24 B B lister pack only. FA-CG1A/B 14 HR-8TM-RD 31 MS-6NC-BU B 23 SL-200TE 27 © Clamshell packaging only. FA-CG1MA/B 14 HR-100TM 31 MS-6NC-PK B 23 SL-210TE 27 * Items without letter code are available	DX-120ST	. 29	LI 01EL DV	20	MJ-100D	19	DT 7000 BV	24	
HL-820IV-BK 28 MJ-120D-BU 19 MJ-120D-WE 19 MJ-120D-W	DZ-12S	. 29	ПL-013L-DК	20	MJ-120D	19	K1-7000-DK	24	
FA-CG1A/B					M I-120D-BU	19	R1-7000-WE	24	
HR-8TM-GY 31 MS-6NC-BU B 23 SL-100NC-RD B 24 B Blister pack only.			HL-820LV-BK	28	M I-120D-WF	19	ς		
HR-8TM-GY 31 MS-6NC-BU B 23 SL-100NC-RD B 24 B Blister pack only.	EA-2	.14	HL-820LV-WE	28	MC 4NC DV (D)				
HR-8TM-GY 31 MS-6NC-BU B 23 SL-100NC-RD B 24 B Blister pack only.		14	HL-820VA	28	INIO-DINC-BK (B)	23	SL-100L	27	
HR-8TM-GY 31 MS-6NC-BU B 23 SL-100NC-RD B 24 B Blister pack only.			HR-8TM-RK	31	MS-6NC-BRD (B)	23	SL-100NC-BU (B)	24	⊕ Blt :
FA-CG1A/B 14 HR-8TM-RD 31 MS-6NC-GN 8 23 SL-200TE 27 © Clamshell packaging only. FA-CG1MA/B 14 HR-100TM 31 MS-6NC-PK 8 23 SL-210TE 27 * Items without letter code are available	F		HP 9TM GV	31	MS-6NC-BU (B)	23	SL-100NC-RD ®	24	
FA-CG1MA/B 14 HR-100TM 31 MS-6NC-PK B 23 SL-210TE 27 *Items without letter code are available		1/	LID OTM DD	31	MS-6NC-GN (B)	23	SI-200TF	27	© Clamshell packaging only.
TA-COTIVIA/D	FA CC1MA/D	. 14	HK-8 I IVI-KD	31	MS-6NC-PK (B)	23	SI 210TE	27	* Itams without latter code are available
FA-CP33UA/B 14 HR-150TM 31 113-010-112 Similar Standard packaging only.	FA-CGTWA/B	. 14	HK-1001M	31	MS-6NC-WF (B)	23	CL 220TE	27	with standard packaging only
TIN TOUTH	FA-CP330A/B	. 14	HR-150TM	31	0.10 111 @	20	3L-2201E	27	with standard packaging offly.



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

http://world.casio.com