Pen Touch Operation
Interactive stylus operations for entry of values and expressions, selection of menu commands, drag-and-drop copying of values and expressions, and much more. A big 160 × 240-dot LCD simplifies operation and shows more data per screen.

Natural Textbook Input and Output
Fractals and curves, and square roots, as well as high-level mathematical expressions such as log, β, ∫, div, lim, matrices, δ (Laplace transforms), and L (Laplace transforms) can be entered and displayed just as they appear in textbooks. An on-screen soft keyboard helps to simplify entry of complex expressions.

Differential Equation
The solution set of a differential equation can be represented graphically as a vector operation and shows more data per screen.

Advanced CAS (Computer Algebra System)
• 15 different financial calculations, including simple/compound interest, cash flow, amortization, depreciation, bond calculation, operating/financial leverage, and more.

Features in the ClassPad 330
4.0 line, 160 × 240-dot LCD simplifies operation and shows more data per screen.
A big 160 × 240-dot LCD simplifies operation and shows more data per screen.

Settings
- Large display (129 × 64 dots)
- Algebra Applications (Computer Algebra System, Algebra Tutorial) • Graph functions and Graph solve functions • Dynamic graph • Graph Graph (Graph and Table, Graph and Graph) • Conics section graph • Complex functions 
- Function Graphing, polar parametric, and Hyperbola, Ellipse, Parabola, Triangle, Rectangle, ∞, point, Line, Segment, Ray, Vector
- Geometry animation
- Numeric evaluation of geometry animation in tables
- Labels (Text, Attached Angle, Measurement, Expression)

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- Geometry animation
- Numeric evaluation of geometry animation in tables
- Labels (Text, Attached Angle, Measurement, Expression)
Graphic Models

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

User-friendly Interface
- Rectangular coordinate graphing, Polar coordinate graphing, Integration graph
- Parametric function graphing, Inequality graphing
- Trace, Zoom (box zoom, zoom in, zoom out, auto zoom)
- Table and Graph (table and graph, graph and graph)
- Sketch (tangent line, normal line, inverse function)
- Solve (root, minimum, maximum, intersection, integration)
- Dynamic graph
- Conic section graph
- Recursion graph
- List-based one-variable and two-variable statistical analysis
- Statistical regression calculations
- Statistical plot (scatter plot, Line, normal probability plot, histogram, box plot)
- Statistical regression graphs (linear, med-med, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal, logistic regression)
- Advanced statistical calculations: t-test, t-int, Chi square test
- F-test, ANOVA, intervals (2-interval, 1-interval), distributions
- Pol, Rec
- Combination/Permutation (nCr, nPr)
- Factorial, Inverse, random numbers, Fractions
- Logical operations
- Matrix calculations
- Complex number calculations
- Base-n calculations/conversions
- List data calculations
- Metric Conversion
- Natural format equation output
- Equation histories
- Spreadsheet and statistical plot
- Numeric equation solver, simultaneous equations, polynomial equations
- Financial calculations
- Programming
- Icon menu
- SD memory card slot (fx-9860GII SD only)
- Data communication
- User memory: 62,000 bytes, User Storage memory: 1.5 M bytes
- SD Memory Card Slot (SD model only)
- (fx-9860GII SD model only)

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

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

SD Memory Card Slot (SD model only)
The fx-9860GII SD is equipped with an SD memory card slot for easy data transfers.

Natural textbook display!

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

Natural Output
- Polynomial equation result
- Result of expression with Pi symbol
- Natural Output Model
- Natural Input

Natural Input

- 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.

Built-in Software
- Spreadsheet
  - A wide-function spreadsheet with built-in graphing capabilities is a valuable tool for table calculation lesson exercises.

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

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

http://edu.casio.com/dl/
New features give you the tools to create outstanding classroom presentations!

- **Powerful Graphing**
  - Dot matrix display (64 × 128 dots)
  - Probability
  - Inequality Graphing
  - Rectangular coordinate graphing, Polar coordinate graphing
  - Integration graph
  - Parametric function graphing
  - Trace, Zoom (box, zoom in, zoom out, auto zoom), Table and Graph, Dual Graph (table and graph, graph and graph)
  - Sketch (tangent line, normal line, inverse function)
  - Solve (root, minimum, maximum, intersection, integration)
  - Dynamic graph
  - Conic section graph
  - Recursion graph

- **List-based Statistics**
  - Store a list of values in memory for use when performing function and statistical calculations.
  - • Amortization
  - • Investment appraisal (cash flow)
  - • Bond calculation
  - • Depreciation
  - Related function: Financial function

- **Advanced Statistics**
  - Perform tests, confidence interval, probability distribution, and other calculations and graphing.

- **Financial Calculations**
  - Depreciation
  - Bond calculation
  - Simple interest
  - Compound interest
  - Investment appraisal (cash flow)
  - Amortization

- **Inequality Graphing**
  - New support for graphing the inequality of an x^n + y^n = r
  - graph allows study of the area for which the equation is defined.

- **Other Features**
  - Natural textbook display and multi-replay function.
  - Perfect algebraic method
  - Multi-replay function, 2-line display, and program file system for storing multiple programs.
  - Simultaneous equations, polynomial equations, Programming, 6 rows by 21 maximum characters.
  - User memory: 62,000 bytes

- **Main Functions**
  - **Graphing**
    - New graphing capabilities:
    - Supports graphing of 2-variable inequalities.
    - Supports graphing of polar type graphs.
  - **Graph & Table**
  - **Bar Graph**

- **Programmable Models**
  - **fx-7400GII**
    - Supports graphing of 2-variable inequalities.
    - Supports graphing of polar type graphs.
  - **fx-9860GII**
    - Supports graphing of 2-variable inequalities.
    - Supports graphing of polar type graphs.

- **fx-9860GII SD**

- **fx-9860GII SD**

- **fx-4500PA**
  - 2-line display and program file system

- **fx-7400GII**
  - New graphing capabilities:
  - Supports graphing of 2-variable inequalities.
  - Supports graphing of polar type graphs.

- **fx-9750GII**
  - New graphing capabilities:
  - Supports graphing of 2-variable inequalities.
  - Supports graphing of polar type graphs.

- **fx-5800P**
  - Natural Textbook Display and MORE POWERFUL Program Functions

- **fx-50F PLUS**
  - Basic-like Program, Perfect Algebraic Method, 2-line Display, Multi-replay Function

- **fx-3650P**
  - Multi-replay Function, 2-line Display, Perfect Algebraic Method

- **fx-3950P**
  - Multi-replay Function, 2-line Display, Perfect Algebraic Method

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

- **User-friendly Interface**
  - Large display (64 × 128 dots)
  - Graphical functions
  - Dynamic graph
  - Quad graph
  - Conic section graph
  - Regression graph
  - Solve function
  - Integrations

- **Financial Calculations**
  - Differential and quadrature differential calculations
  - Complex number calculations
  - Table and graph
  - Integration graph
  - Linear equations from two to six unknowns

- **Graphs**
  - Quadratic equations, Cubic equations
  - Matrix operations
  - Base^c calculations/conversions
  - Financial function
  - Data communications

- **Physical Specifications**
  - 2.800 STAT
  - List-based Statistics
  - Plastic hard case
  - USB Cable
  - USB Cable (Windows only)
  - 128 built-in formulas
  - Multi-replay function
  - Program function
  - Logical operations
  - Complex number calculations
  - Freezing symbol calculations
  - Formula memory
  - Integrations
  - Statistics

- **Power Source**
  - Two-way power
  - Editable type baby

- **fx-4500PA**
  - 2-line display shows formulas and results simultaneously
  - Variable program area management is split into 12 independent variable groups and 26 (and standard) to 163 variables
  - Program for solving for unknowns
  - Repeat function
  - Engineering symbol calculations
New feature! No one upgrades the classroom environment like CASIO!

**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
  - Input expressions and arithmetic operations as they appear in written form.
- Natural output
  - Calculation results appear in the same formal as they are written.
- Full dot display
  - Equations and statistical data is displayed in a clear, easy-to-read format.

### Ratio calculation

Select the ratio type and enter the non-zero coefficients... The calculator displays the value of x.

- \( a:b:x:d \to 1:2:x:10 \)
  - \( x = \frac{10}{\frac{a}{b} \cdot \frac{x}{d}} \)

### New equation mode

Input an equation...

- \( 3x^2 + \sqrt{2} x + 5 = 0 \)
  - \( x = \frac{-\sqrt{2} \pm \sqrt{58}}{6} \)

### Inequality

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

- \( x^2 + 2x - 15 < 0 \)
  - \(-5 < x < 3\)

### Prime factorization

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

- Problem: Factor \(-15 + 56 \) Result: \(x = 2 \cdot 3 \cdot 7 \)

### Random integers

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

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

---

**STANDARD MODELS**

**Natural-V.P.A.M. Models**

No one upgrades the classroom environment like CASIO!

Standard functions:

- The ES PLUS Series now is easier to use than ever!
- New features: • Prime factorization • Random integers
- Standard functions:
  - Fraction calculations • Combination and permutation • Statistics (List-based STAT data editor, standard deviation, regression analysis)
  - 9 variables • Table function • Comes with new slide-on hard case

### fx-82ES PLUS

- New functions: • Prime factorization • Random integers
- New equation mode • Inequality
- Standard functions:
  - Fraction calculations • Combination and permutation • Statistics (List-based STAT data editor, standard deviation, regression analysis)
  - 9 variables • Table function • Comes with new slide-on hard case

### fx-85ES PLUS

- New functions: • Prime factorization • Random integers
- New equation mode • Inequality
- Standard functions:
  - Fraction calculations • Combination and permutation • Statistics (List-based STAT data editor, standard deviation, regression analysis)
  - 9 variables • Table function • Comes with new slide-on hard case

### fx-350ES PLUS

- New functions: • Prime factorization • Random integers
- New equation mode • Inequality
- Standard functions:
  - Fraction calculations • Combination and permutation • Statistics (List-based STAT data editor, standard deviation, regression analysis)
  - 9 variables • Table function • Comes with new slide-on hard case

### fx-95ES PLUS

- New functions: • New equation mode • Random integers
- Standard functions:
  - Fraction calculations • Combination and permutation • Statistics (List-based STAT data editor, standard deviation, regression analysis)
  - 9 variables • Table function • Comes with new slide-on hard case

### fx-570ES PLUS

- New functions: • New equation mode • Random integers
- Standard functions:
  - Fraction calculations • Combination and permutation • Statistics (List-based STAT data editor, standard deviation, regression analysis)
  - 9 variables • Table function • Comes with new slide-on hard case

### fx-991ES PLUS

- New functions: • New equation mode • Random integers
- Standard functions:
  - Fraction calculations • Combination and permutation • Statistics (List-based STAT data editor, standard deviation, regression analysis)
  - 9 variables • Table function • Comes with new slide-on hard case

---

**AAA-size (HR03) battery**

**fx-82ES PLUS**

- fx-85ES PLUS

- fx-350ES PLUS

- fx-95ES PLUS

- fx-570ES PLUS

- fx-991ES PLUS
<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>fx-82ES</td>
<td>Two-way power, 9 variables, STAT, LIST-based STAT data editor, standard deviation, regression analysis, base-n calculations, 7 variables, table function, comes with slide-on hard case, fraction calculations</td>
</tr>
<tr>
<td>fx-85MS</td>
<td>Two-way power, 9 variables, STAT (List-based STAT data editor, standard deviation, regression analysis), 7 variables, table function, comes with new slide-on hard case, fraction calculations, two-way power</td>
</tr>
<tr>
<td>fx-350ES</td>
<td>Two-way power, 9 variables, STAT (List-based STAT data editor, standard deviation, regression analysis), 7 variables, table function, comes with new slide-on hard case, fraction calculations, two-way power</td>
</tr>
<tr>
<td>fx-500ES</td>
<td>Two-way power, 9 variables, STAT (List-based STAT data editor, standard deviation, regression analysis), 7 variables, table function, comes with new slide-on hard case, fraction calculations, two-way power</td>
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<td>fx-991ES</td>
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<tr>
<td>fx-970MS</td>
<td>Two-way power, 9 variables, STAT (List-based STAT data editor, standard deviation, regression analysis), 7 variables, table function, comes with new slide-on hard case, fraction calculations, two-way power</td>
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<tr>
<td>SL-450L</td>
<td>Two-way power, comes with new slide-on hard case, 7 variables, STAT (List-based STAT data editor, standard deviation, regression analysis), fraction calculations, two-way power</td>
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</tbody>
</table>

**Natural Display Models**

- AAA-size (R03) battery
- Two-way power
- Comes with slide-on hard case

**S.V.P.A.M. Models**

- AA-size battery
- Two-way power
- Comes with slide-on hard case

**V.P.A.M. Model**

- Built-in complex number calculations plus 120 scientific constants
- Two-way power
- AAA-size (R03) battery
- Comes with slide-on hard case

**School Cal**

- Tough, durable design with classroom features.

**Financial Consultant**

- Compound interest
- Simple interest
- Financial calculations
- SOLVE function
- CALC function
- Equation calculations
- Matrix calculations
- Integration/differential calculations
- Equation calculations
- 128 scientific constants
- Built-in complex number calculations plus 120 scientific constants
- Two-way power
- AAA-size (R03) battery
- Comes with slide-on hard case

**Easy operation with parameters**

- Four-line display provides easier scrolling between parameters and simplifies input, confirmation, and editing.

**Direct mode key**

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

**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.
### System Requirements

**Operating System:**
- Windows® XP Professional (32-bit)
- Windows Vista® (32-bit)

**Hardware:**
- 100 MB available for installation
- 4 MB of RAM (2 MB recommended)
- CD-ROM drive
- CD-ROM drive (for installation)
- USB port (for data communication)

**CPU:**
- Intel Pentium III 500 MHz or faster
- AMD or equivalent

**Graphics:**
- 16 MB of graphics RAM
- 8 MB of RAM (for data communication)

**Other:**
- Microsoft Excel®
- Adobe Acrobat Reader

### Software Specifications

**ClassPad Manager for ClassPad 330**

<table>
<thead>
<tr>
<th>Function</th>
<th>Version 2.0</th>
<th>Version 3.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculator Model</td>
<td>fx-9860G</td>
<td>fx-9860G</td>
</tr>
<tr>
<td>Programmable</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Calculations</td>
<td>fx-9860G</td>
<td>fx-9860G</td>
</tr>
<tr>
<td>Drive</td>
<td>fx-9860G</td>
<td>fx-9860G</td>
</tr>
<tr>
<td>Memory Management</td>
<td>fx-9860G</td>
<td>fx-9860G</td>
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<tr>
<td>File Management</td>
<td>fx-9860G</td>
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**IX-ES Emulator for 400EX Series**

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</table>

### Key Functions

**Data Analysis System**
- Quick and accurate collection supports data analysis.
- System Configuration
  - Simulation
  - OHP Projection Unit
  - Graphic Scientific Calculator Projection Set

**Motion Sensor II**

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</tr>
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</table>

### Support Options in the Classroom

- A powerful classroom presentation tool
- OH-1800 projects display contents onto a big screen!
- Simply place the supplied calculator onto an OHP and project screen contents only a screen for easy viewing by everyone in the classroom.
- The calculator can be confirmated directly by a hand calculator.

### Graphic Scientific Calculator Projection Set

- Simply use a USB cable to connect an fx-9860G to the OHP unit
- Easy LCD window resizing
- OHP Projection Unit
- Simply use a USB cable to connect an fx-9860G to the OHP unit
- Easy LCD window resizing

### Scientific Calculators Specification Table

<table>
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</tr>
<tr>
<td>Number of functions</td>
<td>376</td>
</tr>
<tr>
<td>Power supply (Main)</td>
<td>3V (AAA x 3)</td>
</tr>
<tr>
<td>Power supply (Backup)</td>
<td>3V (AAA x 1)</td>
</tr>
<tr>
<td>Approximate battery life (Main battery)</td>
<td>5 years</td>
</tr>
<tr>
<td>Approximate battery life (Backup battery)</td>
<td>2 years</td>
</tr>
<tr>
<td>Dimensions (H x W x D)</td>
<td>105 x 75 x 15</td>
</tr>
<tr>
<td>Key tv</td>
<td>75</td>
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<tr>
<td>Calculations</td>
<td>12</td>
</tr>
<tr>
<td>Display capacity (characters)</td>
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<tr>
<td>Power supply (Main)</td>
<td>3V (AAA x 3)</td>
</tr>
<tr>
<td>Power supply (Backup)</td>
<td>3V (AAA x 1)</td>
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<tr>
<td>Approximate battery life (Main battery)</td>
<td>5 years</td>
</tr>
<tr>
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<td>2 years</td>
</tr>
<tr>
<td>Dimensions (H x W x D)</td>
<td>105 x 75 x 15</td>
</tr>
<tr>
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<td>75</td>
</tr>
<tr>
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<td>Display capacity (characters)</td>
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**Scientific Calculators Specification Table**

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<td>9,000</td>
</tr>
</tbody>
</table>
Five Styles Calculator

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

Stylish Calculator

The Designer Calculator

My Colour Selection

Compact desk type

Mini desk type

Portable type
What makes a CASIO "HEAVY DUTY Calculator"?

Designed and engineered for performance.

Key operations are stored in a buffer so operations are continuously performed.

Large rubber feet prevent slipping during operation.

Large display makes the numbers easier to read.

Key Rollers prevent slipping during operation.

Extra Large Display Large display makes the numbers easier to read.

Key Layout and Key Cap Shape Keys are ergonomically shaped and contoured to match your finger movements.

Large Rubber Feet Large rubber feet prevent slipping during operation.

Key Rollover Keys are specially designed for silent operation when compared to previous CASIO calculators to help provide a more pleasant working environment.

Heavy-duty Durable Keys Keys are produced by rejecting plastics of two different colours. Key markings are plastic which ensure they do not deteriorate over time.

Rollover Design and engineered for performance. Packed with special-purpose features.

DS-1TV

Plastic Faceplate

Metal Faceplate

Way Forward

WT O

Key OPEW R

AW Y

way - O

Key cross-section

Calculator

TILT

Profit

Calcu.

A symbol (+, -, ×, ÷) on the display indicates the status of the operation.

Battery powered when light is insufficient.

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

Keys are ergonomically designed for silent operation when compared to previous CASIO calculators to help provide a more pleasant working environment.

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What would the selling price be for an item that costs $2,000?
### Portable Type

<table>
<thead>
<tr>
<th>Model</th>
<th>Style</th>
<th>Number of Display Digits</th>
<th>Battery Type</th>
<th>Power Supply</th>
<th>Approx. Battery Life (Yrs.)</th>
<th>Approx. Weight (g)</th>
<th>Case</th>
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<tbody>
<tr>
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<td>SL-100L</td>
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<td>LR44</td>
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<td>LR44</td>
<td>Solar</td>
<td>10</td>
<td>50</td>
<td>BK</td>
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</table>

### Specifications

- **H×W×D (mm):**
  - SL-100L: 12.5×73×18
  - SL-200L: 12.5×73×18
  - SL-300L: 12.5×73×18
  - SL-300LE: 12.5×73×18
  - SL-340VA: 12.5×73×18
  - SL-320L: 12.5×73×18
  - SL-300TV: 12.5×73×18
  - SL-300LV: 12.5×73×18
  - DUAL LEAF SL-240LB: 12.5×73×18
  - DUAL LEAF SL-220TE: 12.5×73×18
  - DUAL LEAF SL-200TE: 12.5×73×18
  - DUAL LEAF SL-100L: 12.5×73×18

- **Battery Type:**
  - LR44
  - Solar

- **Power Supply:**
  - Solar
  - LR44

- **Approx. Battery Life (Yrs.):**
  - 10

- **Approx. Weight (g):**
  - 50

- **Case:**
  - BK (Black)
  - WE (White)
### Desk-Top Type

<table>
<thead>
<tr>
<th>Model</th>
<th>Keys</th>
<th>Plastics</th>
<th>Faceplate</th>
<th>Tilt</th>
<th>Power supply</th>
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<td>YES</td>
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### Compact Desk Type

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<td>YES</td>
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<td>120</td>
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<tr>
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<td>YES</td>
<td>Two-way power</td>
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<tr>
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<td>NO</td>
<td>YES</td>
<td>Two-way power</td>
<td>10×145×70.6</td>
<td>25</td>
</tr>
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</table>

### Mini Desk Type

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<tr>
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<th>Keys</th>
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<th>Faceplate</th>
<th>Tilt</th>
<th>Power supply</th>
<th>Dimensions (H×W×D) (mm)</th>
<th>Approximate weight (g)</th>
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</thead>
<tbody>
<tr>
<td>MX-12S</td>
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<td>NO</td>
<td>YES</td>
<td>Two-way power</td>
<td>34.5×135×210</td>
<td>190</td>
</tr>
<tr>
<td>MX-8S</td>
<td>8</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
<td>Two-way power</td>
<td>34.5×135×210</td>
<td>190</td>
</tr>
<tr>
<td>MX-8S</td>
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<td>NO</td>
<td>YES</td>
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<td>SX-300</td>
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<td>YES</td>
<td>Two-way power</td>
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<td>12</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
<td>Two-way power</td>
<td>35 ×135×210</td>
<td>190</td>
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<tr>
<td>SX-300</td>
<td>12</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
<td>Two-way power</td>
<td>35 ×135×210</td>
<td>190</td>
</tr>
</tbody>
</table>
Main Functions

Cost, Selling Price and Margin Calculations

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

Exchange Functions

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

Tax Calculations (Excluding Thermal Printer)

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

Printing Sample

What is the margin on an item that costs $160 after a 30% margin is added?

\[
\text{Margin} = \frac{\text{Selling Price} - \text{Cost}}{\text{Selling Price}} \times 100\%
\]

Cost: $160
Margin: 30%
Selling price: $208

What is the margin on an item that costs $160 and sells for $220?

\[
\text{Margin} = \frac{\text{Selling Price} - \text{Cost}}{\text{Selling Price}} \times 100\%
\]

Cost: $160
Selling price: $220
Margin: 37.5%

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

Hefty-duty Type

Quick (approximately 8 lines/sec.) and quiet

From the initial time and date

Thermal Printer

Quick (approximately 8 lines/sec.) and quiet

Prints the current time and date.

Model | Description | Duty Type | Display |独立 | Memory | Memory Capacity | Clock and Date Print | Tax & | 5/4 | 5/4 | 5/4 | 5/4 | 5/4 | 5/4 | 5/4 | 5/4 | Power Supply | Print Type | Print Speed (lines/sec.) | Print Length (mm) | DIMS (mm) | Weight (kg) |
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<td>6</td>
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<td>Quick</td>
<td>26.0</td>
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</tbody>
</table>

* Average speeds of 8 positions shift keys, & 4 digit printed patterns. * Average speeds at least.

* Print sample: DR-120TM

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DIGITS

DIGITS

SEC.

DIGITS

SEC.

DIGITS

SEC.
A Business Label Printer for Use in Every Office and Industry

KL-7400

- Handles 24, 18, 12, 9 and 6mm tape widths.
- 24mm print head/200dpi resolution
- Large 16-digit, 2-line LCD
- Handy home model for organizing your home!
- 4-digit, 1-line LCD
- Handles 18, 9 and 6mm tape widths.
- 5mm print head/160dpi resolution
- Prints up to 2 lines (18 or 12mm tape).
- Print preview
- 3 character effects

KL-60

- Handles 24, 18, 12, 9 and 6mm tape widths.
- 12mm print head/200dpi resolution
- Prints up to 2 lines (18 or 12mm tape).
- Print preview
- 3 character effects

KL-820

- Handles 24, 18, 12, 9 and 6mm tape widths.
- 12mm print head/200dpi resolution
- Prints up to 2 lines (18 or 12mm tape).
- Print preview
- 3 character effects

KL-170 PLUS

- Large 16-digit, 2-line LCD
- Handles 18, 9 and 6mm tape widths.
- 12mm print head/200dpi resolution
- Prints up to 2 lines (18 or 12mm tape).
- Print preview
- 3 character effects

A Business Label Printer for Use in Every Office and Industry

The portable, easy-to-use Chinese label printer

KL-7400

- Large easy-to-read, 16-digit, 4-line LCD
- *3-line input area
- *12mm print head/200dpi resolution
- Stores & markets

KL-820

- Large easy-to-read, 16-digit, 4-line LCD
- *3-line input area
- *12mm print head/200dpi resolution
- Handles 18, 12, 9 and 6mm tape widths.
- 16 digits x 3 lines
- Handles 24, 18, 12, 9 and 6mm tape widths.
- 16 digits x 3 lines
- Wide Selection of Label-making Functions for Various Circumstances!

EZ-Label Printer

KL-60

- Large easy-to-read, 16-digit, 2-line LCD
- Numbering from 0 to 999
- You can print up to 9 numbered labels per print operation.
- Numbering from 0 to 99,999
- You can print up to 100 numbered labels per print operation.

KL-120

- Large easy-to-read, 16-digit, 4-line LCD
- Prints up to 6 lines (24 or 18mm tape).
- Numbering from 0 to 999
- You can print up to 9 numbered labels per print operation.
- Numbering from 0 to 99,999
- You can print up to 100 numbered labels per print operation.

KL-170 PLUS

- Large easy-to-read, 16-digit, 2-line LCD
- Prints up to 6 lines (24 or 18mm tape).
- Numbering from 0 to 999
- You can print up to 9 numbered labels per print operation.
- Numbering from 0 to 99,999
- You can print up to 100 numbered labels per print operation.
### Display Stand for Practical Calculators
- Size: L430 x W80 x H100mm
- Weight: approx. 3.9 kg

### Display Stand for Colourful Calculators
- Size: L400 x W50 x H80mm
- Weight: approx. 1.7 kg

### Attention Pop Board for Colourful Calculators
- Size: 210 x 297mm
- Weight: 25g

### Display Stand for Heavy Duty Calculators
- Size: 124 x 142 mm
- Weight: 50g

### DVD for Heavy Duty Calculators
- Size: 128 x 182mm
- Weight: approx. 30.0 kg

### Display Stand for Label Printers
- Size: D95 × W66 × H76mm
- Weight: approx. 25g

### Attention Pop Board for Practical Calculators
- Size: 210 x 297mm
- Weight: 25g

### Display Tool Kit for Scientific Calculators (ES Series)
- Poster × 2
- Banner Stand × 5
- Banner Stand × 1
- Carry bag

### Display Tool Kit for Practical Calculators
- Poster × 2
- Frame × 1
- Shifter (with box) × 100 pack/box
- Banner × 1
- PDF product advertisement × 5
- Card for sales staff explanations × 1

### Display Tool Kit for Colourful Calculators
- Poster × 2
- Frame × 1
- Shifter (with box) × 100 pack/box
- Banner × 1
- PDF product advertisement × 5
- Card for sales staff explanations × 1

### CASIO Logo Sticker
- Size: 210 x 297mm
- Weight: 25g

### Attention Pop for Check Calculators
- Size: 125 x 183mm
- Weight: 25g

### Display Stand (PPS07)
- Size: 210 x 297mm
- Weight: 50g

### DVD for Check Calculators
- Size: 128 x 182mm
- Weight: approx. 25g

### Display Stand for Label Printers
- Corner Sheet × 3
- Sticker Sheet × 1
- Attention POP × 1
- Sticker Clip × 3

### Attention Pop for Heavy Duty Calculators
- Size: 124 x 142 mm
- Weight: 50g

### DVD for Heavy Duty Calculators
- Size: 128 x 182mm
- Weight: approx. 30.0 kg

### DVD for Check Calculators
- Size: 128 x 182mm
- Weight: approx. 25g

### Display Stand for Practical Calculators
- Size: L430 x W80 x H100mm
- Weight: approx. 3.9 kg

### Display Stand for Colourful Calculators
- Size: L400 x W50 x H80mm
- Weight: approx. 1.7 kg

### Activity Materials

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

#### ES Series
- Banner × 1
- Poster × 2

#### Financial Consultant
- Banner Stand × 1
- Display Stand × 5

#### Printing Calculator
- Banner Stand × 1
- Display Stand × 5

#### Thermal Printer
- Banner Stand × 1
- Display Stand × 5

#### Activities

- Scientific Calculator Activities for ES Series
  - Activities for ES Series are also available.

- Graphic Calculator Activities for fx-3650P

- Your Partner to Explore Math* Activities for fx-992S

- Financial Consultant Calculator Examples for FC-200V/100V

#### Model Index

- New numbers indicate new models.
### Scientific Calculator/Financial Consultant

- **Number of functions**
  - Natural V.P.A.M. display
  - Natural textbook display

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

- **V.P.A.M.**
  - (Visually Perfect Algebraic Method)
    - Calculations exactly as they are written. Calculation status symbols and intermediate display capabilities help make calculations easier.

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

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

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

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

- **Colour display**
  - Data is shown in three colours for quick and easy recognition.

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

- **Dot matrix display**
  - High-resolution screen provides beautiful looking graphics every time.

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

### Practical Calculator/Printing Calculator

- **Extra Large display**
  - Larger display makes more data easier to read.

- **Large display**
  - Large, easy-to-read display.

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

- **Super solar**
  - Solar cell powers calculations even when lighting is relatively dim.

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

- **Plastic keys**
  - Designed and engineered for easy operation.

- **Durable metal Faceplate**
  - Tough cover stands up to rough treatment.

- **Cost/Sell/Margin**
  - Calculates 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**
  - Automatic calculation of price plus tax, price less tax, discount, selling price, tax amount, discount amount, and margin amount.

- **Tilt Display**
  - The degree of display can be adjusted freely.

- **Day/Date calculation**
  - Day/Date calculations allow easy input and calculation of duration or data.

- **Time calculation**
  - Time calculation allows easy input and calculation of hours, minutes, and seconds.

- **Metric conversion function**
  - Conversion between metric units and another measurement unit.

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

- **Regular percent**
  - Regular percentage calculations.

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

### Other Features

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

- **Super solar**
  - Solar cell powers calculations even when lighting is relatively dim.

- **Plastic keys**
  - Designed and engineered for easy operation.

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

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

### Additional Features

- **Ancillary functions**
  - Richer and more useful functions are provided.

- **Clock & Calendar**
  - 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 printing**
  - Line printing for higher speed, superior print quality, and quieter operation.

- **2-colour printing**
  - 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.

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

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