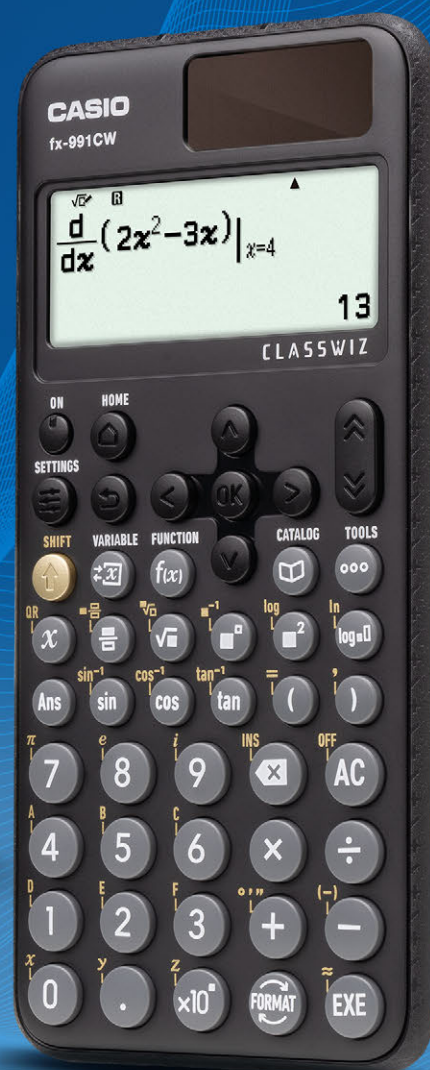
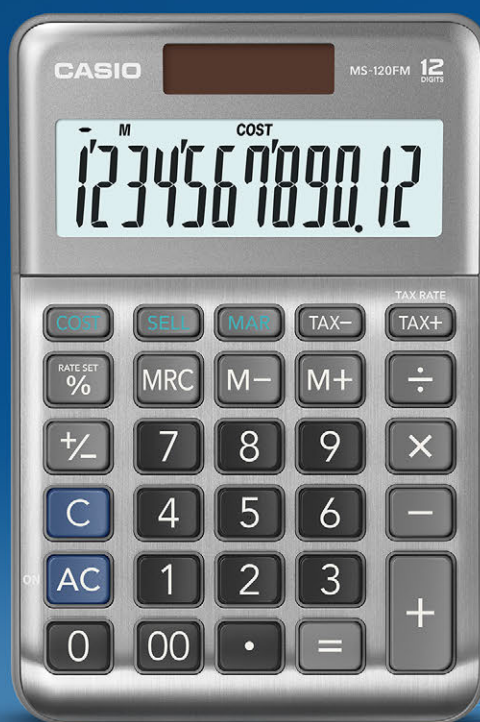
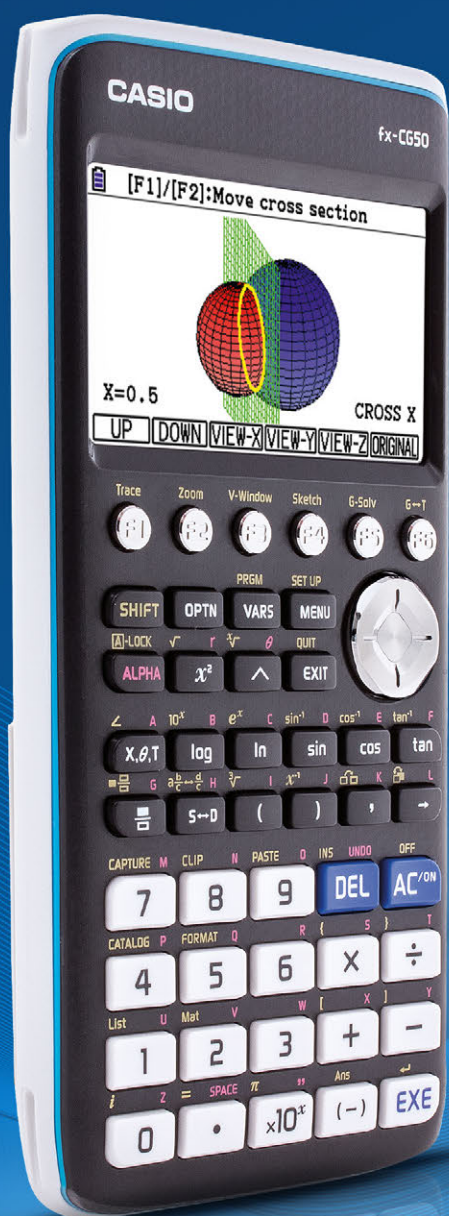


CASIO®

Reliable & Durable

General Catalogue

Office & School Solutions 2023



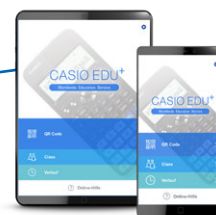


CASIO EXPERTISE

Digitalisation opens up many new possibilities for teachers to provide lively and motivating instruction. CASIO helps them tap the full potential of digitalisation with a wide range of digital products.



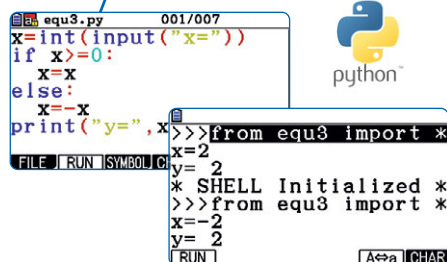
School calculators from CASIO



The CASIO **EDU+ app**¹ serves to transfer data to a smartphone or tablet via a QR code². This enables graphs, diagrams or operating instructions to be displayed quickly.



Using **software with the same user interface** as school and graphing calculators, the entire class can understand mathematical logic on interactive blackboards.



Python³ is a programming language used in the development of Internet search engines, etc. It is a learning tool that cultivates algorithmic thinking.



The **C-Lab data acquisition system** from CMA can be combined with different sensors, enabling numerous scientific experiments to be carried out.

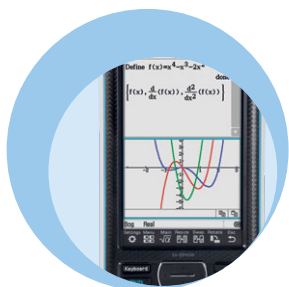


Tutorials and webinars provide teachers with online support and suggestions.

¹For technical and scientific calculators from the ClassWiz series.

²QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and in other countries.

³Built in the FX-CG50. Python is a registered trademark of the Python Software Foundation. Python mode supports a version of MicroPython Version 1.9.4, which has been adapted to run on this calculator. There are functions, commands, modules and libraries of MicroPython which are not available on the calculator.



SCHOOL CALCULATORS.....4

Technical-scientific calculators.....6

Graphic calculators.....10

Graphic Calculators with CAS.....12

Accessories.....14



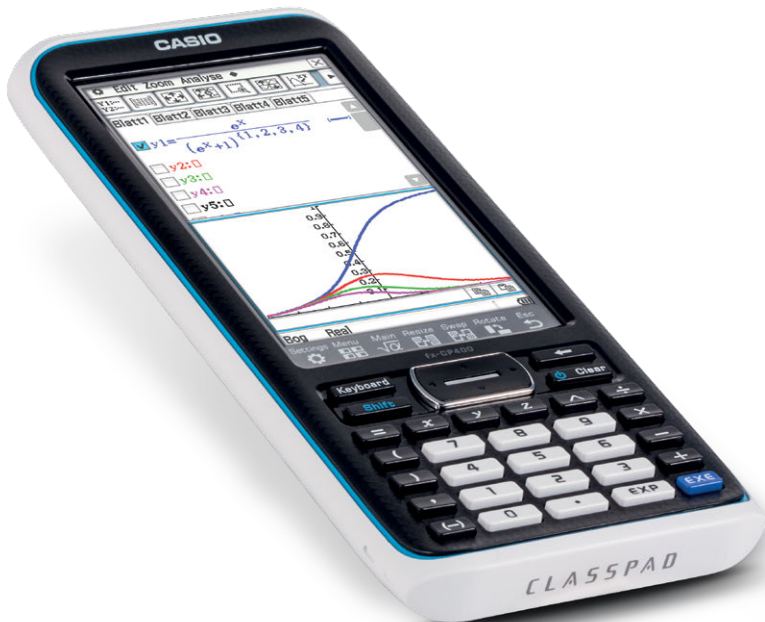
OFFICE CALCULATORS.....16

Desk calculators.....18

Pocket calculators.....24

Printing calculators.....27

SCHOOL CALCULATORS



ClassPad II

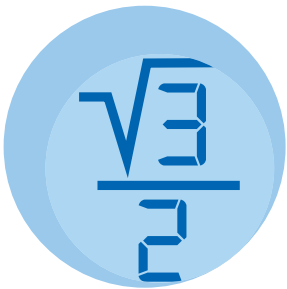
CLASSPAD



FX-991CW

CLASSWIZ

FROM CLASSROOM CLASSICS UP TO THE COMPUTER ALGEBRA SYSTEM



Scientific calculators

No classroom would be complete without the technical-scientific calculators from CASIO. Their uncluttered design, logical key assignment and clear layout make classic calculators indispensable companions in mathematics lessons. This reputation is maintained by CASIO's ongoing development of these school calculators.



Graphic calculators with/without CAS

Innovative functions and intuitive operation make CASIO graphic calculators an indispensable tool for practical mathematics' teaching in the classroom. The immediate visualisation of results in graphs, lists, tables or diagrams clearly illustrates the calculation of mathematical tasks.

CAS stands for the Computer Algebra System that is integrated into some of today's graphic calculators. In addition to conventional alphanumeric readouts, CAS calculators also allow you to perform symbolic calculations and even operations with symbolic expressions such as variables, functions and matrices.

The ClassWiz series with high-resolution display

- High-resolution LC display with 192x63 pixels
- 4-gradation display
- Intuitive operating concept
- Text menu navigation
- Simple key layout and labeling
- 290+ functions
- Icon menu
- Value tables
- Two-Dimensional statistics
- Math Box
- QR Code function
- Prime factorization



FX-82CW **FX-85CW** **FX-350CW**

• Battery

• Battery

- High-resolution LC display with 192x63 pixels
- 4-gradation display
- Intuitive operating concept
- 540+ functions
- Icon menu
- Spreadsheet
- QR Code⁵ function
- Solving equations and systems of up to four equations
- 4x4 matrices
- Vector calculations
- Integration calculations/ Differential calculations
- Probability distribution
- Calculation with technical symbols
- Math Box



FX-991CW

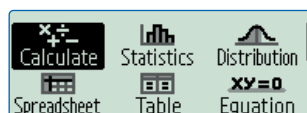
• Two-way power

Spreadsheet

	A	B	C	D
1	20000	20000	33789	
2	21200	13789		
3	22472			
4	23820			

Spreadsheet commands include sum calculation, product calculation, mean, maximum and minimum.

Icon menu



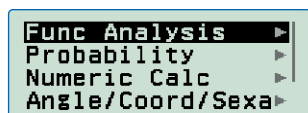
By using an icon menu, mathematical applications can be easily selected.

Value tables

x	f(x)	g(x)
1	1	1
2	4	1,4142
3	9	1,732
4	16	2

New editing options improve working with look-up tables. Further values can thus be added manually or generated automatically at a key stroke.

Catalog



The Catalog menu shows categories of commands, functions, and symbols

Math Box

Sum	Freq	Rel Fr	Attempts
1	3	0.2	10
2	1	0.1	
3	1	0.1	
4	1	0.1	

Dice Roll and Coin Toss for probability simulations.

Variable memory

A=1.25	B=3.4
C=12.5663706	D=1.5558639
E=1.137	F=0
X=0.32589653	Y=0
Z=0	

Clear display and easy selection of stored variables.

Systems of equations

$$\begin{cases} ax^2+bx+c \\ ax^3+bx^2+cx+d \\ ax^4+bx^3+cx^2+dx+e \end{cases}$$

$$\begin{cases} 8x + 2y + 4z \\ 3x + 4y + 2z \\ 4x + 1y + 2z \\ 3x + 2y + 3z \end{cases}$$

ClassWiz Emulator

The software has the identical basic functionality as the popular school calculators of the new ClassWiz series.

Every calculator from the new ClassWiz series includes a free 7-year licence of the ClassWiz Emulator.



Online visualization service using QR codes

Easily generate QR codes of equations input into the calculator. Graphs and other graphics can be displayed on smartphones or tablets.

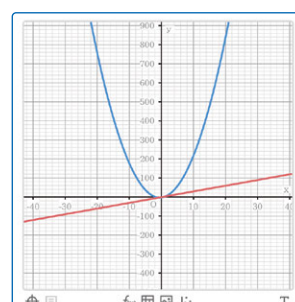
Input data

$$\begin{aligned} f(x) &= 2x^2 + 2x - 3 \\ g(x) &= 3x - 1 \end{aligned}$$

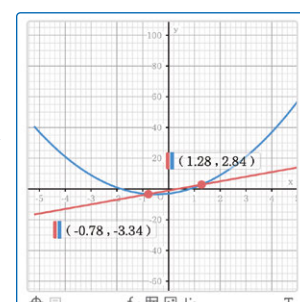
Generate & scan QR code



Graph on smart device



Analyze graph



The FX-ES Plus series with natural textbook display

- Natural-V.P.A.M.⁴
- Dot matrix display
- 16 and 10+2 digits
- 252 functions
- Trigonometric functions
- 9 variable memories
- Two-Dimensional statistics
- Regression analysis
- Replay function
- Automatic fraction calculation
- Table function
- Prime factorization
- Random integers
- Large cursor key for editing



FX-82ES Plus
2nd edition

• Battery

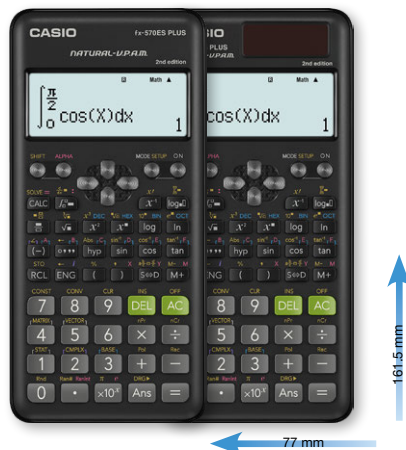
FX-85ES Plus
2nd edition

• Two-way power

FX-350ES Plus
2nd edition

• Battery

- Natural-V.P.A.M.⁴
- Dot matrix display
- 16 and 10+2 digits
- 417 functions
- Equation solver
- 40 metric conversions
- Calculation with complex numbers
- 40 physical constants
- Matrix/Vector calculation
- Numerical integral and differential calculus
- Random integers



FX-570ES Plus
2nd edition

• Battery

FX-991ES Plus
2nd edition

• Two-way power

FX-ES Plus Emulator

The software has the identical basic functionality as the popular school calculators of the FX-ES Plus series. The software is available at edu.casio.com

Licence options (1 & 3 years):

Standalone Licence [Single Licence / 10 Licences / 30 Licences / 100 Licences]

If you would like to allow multiple users to use a single account, check the network licence information at edu.casio.com



Case in carbon design

For the technical-scientific calculators CASIO offers a robust case in a carbon design.



Functions	FX-82ES Plus 2 nd ed.	FX-85ES Plus 2 nd ed.	FX-350ES Plus 2 nd ed.	FX-570ES Plus 2 nd ed.	FX-991ES Plus 2 nd ed.	FX-82CW	FX-85CW	FX-350CW	FX-991CW
Display type	31° 96 FULL DOT	31° 96 FULL DOT	31° 96 FULL DOT	31° 96 FULL DOT	31° 96 FULL DOT	63° 192 FULL DOT	63° 192 FULL DOT	63° 192 FULL DOT	63° 192 FULL DOT
Natural display	Natural-V.P.A.M. ⁴	Natural-V.P.A.M. ⁴	Natural-V.P.A.M. ⁴	Natural-V.P.A.M. ⁴	Natural-V.P.A.M. ⁴	Natural Textbook Display	Natural Textbook Display	Natural Textbook Display	Natural Textbook Display
No. of figures/lines	16/1+10/1	16/1+10/1	16/1+10/1	16/1+10/1	16/1+10/1	17/1+10/1	17/1+10/1	17/1+10/1	17/1+10/1
Display of mantissa exponent	10+2	10+2	10+2	10+2	10+2	10+2	10+2	10+2	10+2
4-gradation display	-	-	-	-	-	-	-	-	-
Functions	252	252	252	417	417	290+	290+	290+	540+
Scientific constants	-	-	-	40	40	47	47	47	47
Metric conversions	-	-	-	40	40	-	-	-	-
Variables memory	9	9	9	9	9	9	9	9	9
Parenthesis levels	24	24	24	24	24	24	24	24	24
Fractional arithmetic	•	•	•	•	•	•	•	•	•
Angle unit (DEG/RAD/GRAD)	•	•	•	•	•	•	•	•	•
Angle unit conversion (DEG/RAD/GRAD)	•	•	•	•	•	•	•	•	•
Coordinate transformation Pol→Rec	•	•	•	•	•	•	•	•	•
Trigonometric functions (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	•	•	•	•	•	•	•	•	•
Hyperbolic functions (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	•	•	•	•	•	•	•	•	•
Exponential, logarithmic (log, ln, 10 ^x , e ^x)	•	•	•	•	•	•	•	•	•
Mathematical functions (√, x ² , x ^{1/x} , x!, x ^{1/x} , x ^{1/y})	•	•	•	•	•	•	•	•	•
Base-n calculations (hexadecimal/decimal/binary/octal)	-	-	-	-	-	-	-	-	-
Sexagesimal ↔ decimal	•	•	•	•	•	•	•	•	•
Prime factorization	•	•	•	-	-	•	•	•	•
Engineering notation (ENG/ENG)	•	•	•	•	•	•	•	•	•
Calculation with engineering symbols	-	-	-	-	-	-	-	-	-
Calculation with complex numbers	•	•	•	•	•	•	•	•	•
Random number generator	•	•	•	•	•	•	•	•	•
Random integers	•	•	•	•	•	•	•	•	•
Probability distribution	-	-	-	-	-	-	-	-	-
Create the sum of ∑x, ∑x ² , x	•	•	•	•	•	•	•	•	•
Create the sum of ∑x, ∑y, ∑x ² , ∑y ² , ∑xy, x, y	•	•	•	•	•	•	•	•	•
Calculation of standard deviations for grouped and ungrouped values	•	•	•	•	•	•	•	•	•
Regression analysis	•	•	•	•	•	•	•	•	•
Permutation (nPr), Combination (nCr)	•	•	•	•	•	•	•	•	•
Matrix calculations	-	-	-	3x3	3x3	-	-	-	4x4
Equation calculations	-	-	-	•	•	-	-	-	•
Integration calculations/Differential calculations	-	-	-	•	•	-	-	-	•
Spreadsheet	-/-	-/-	-/-	•/•	•/•	-/-	-/-	-/-	•/•
Math Box	-	-	-	-	-	-	-	-	-
QR Code ⁵ function	-	-	-	-	-	Dice/Coins	Dice/Coins	Dice/Coins	Dice/Coins
Table function	•	•	•	•	•	•	•	•	•
Energy supply/Auto power off	battery / •	solar + battery / •	battery / •	battery / •	solar + battery / •	battery / •	solar + battery / •	battery / •	solar + battery / •
Batteries	1xR03	1xLR44	1xLR44	1xR03	1xLR44	1xR03	1xLR44	1xR03	1xLR44
Dimensions (HxWxD in mm)	13.8x77x161.5	11.1x77x161.5	11.1x77x161.5	13.8x77x161.5	11.1x77x161.5	13.8x77x162	10.7x77x162	13.8x77x162	10.7x77x162
Approximate weight	105 g	95 g	95 g	105 g	95 g	100 g	95 g	100 g	95 g

⁴Natural visual perfect algebraic method. Display (input and output) in natural written form, just like in mathematical textbooks.

⁵QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and in other countries.

Pocket calculator for basic arithmetic operations

- 8-digit LCD
- Percentage calculation
- Square roots
- Independent memory



- Two-way power

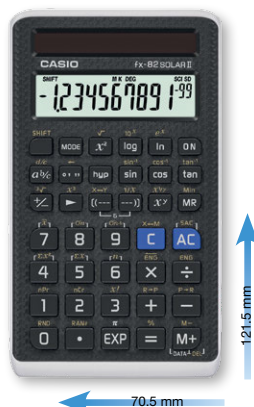


- Protection flap
- Battery

Available in blue and pink

Classic school calculators with 1-line display

- 1-line LCD
- 10+2 characters
- Trigonometric functions
- Percentage calculation
- Automatic fraction calculation
- Statistical calculations
- Calculations in degrees, grade and radian
- Independent memory
- 144 functions
- Conversion according to DEG, RAD, GRAD
- Backspace key
- Pure solar cell operation



www.blauer-engel.de/uz116

School calculators with 2-line display

- 2-line display
- S-V.P.A.M.[®]
- Random Integer
- Mode/menu settings for contrast and auto power off
- 181 functions
- Trigonometric functions
- Percentage calculation
- Fraction calculations
- Statistical calculations
- Polar/Rectangular conversions
- Permutation and combination
- Calculations in degrees, grade and radian



School calculators with 2-line display and extended functionality

- 2-line display
- S-V.P.A.M.[®]
- 12 and 10+2 digits, top line dot matrix, bottom line LCD
- 240 functions
- Trigonometric functions
- 9 variable memories
- Two-Dimensional statistics
- Regression analysis
- Replay function
- Battery



Functions	SL-450S	Petite FX (LC-401LV)	FX-82SOLAR II	FX-220 Plus 2 nd edition	FX-82MS 2 nd edition
Display type	LCD	LCD	LCD	DOT/LCD	DOT/LCD
Natural display	-	-	-	-	-
No. of figures/lines	8/1	8/1	10/1	12/1 + 10/1	12/1 + 10/1
Display of mantissa exponent	-	-	10+2	10+2	10+2
Replay function	-	-	-	-	-
Functions	7	8	144	181	240
Scientific constants	-	-	-	-	-
Metric conversions	-	-	-	-	-
Variables memory	-	-	1	1	9
Parenthesis levels	-	-	18	24	24
Fraction arithmetic	-	-	-	-	-
Angle unit (DEG/RAD/GRAD)	-	-	-	-	-
Angle unit conversion (DEG/RAD/GRAD)	-	-	-	-	-
Coordinate transformation Pol→Rec	-	-	-	-	-
Trigonometric functions (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	-	-	-	-	-
Hyperbolic functions (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	-	-	-	-	-
Exponential, logarithmic (log, ln, 10 ^x , e ^x)	-	-	-	-	-
Mathematical functions (√, x ² , x ⁻¹ , x ¹ , x ¹ , x ¹)	only √	only √	-	-	-
Sexagesimal <-> decimal	-	-	-	-	-
Calculations in the sexagesimal system	-	-	-	-	-
Percentage calculation	-	-	-	-	-
Engineering notation (ENG/ENG)	-	-	-	-	-
Random number generator	-	-	-	-	-
Random integers	-	-	-	-	-
Statistical calculations	-	-	-	-	-
Create the sum of $\sum x, \sum x^2, \bar{x}$	-	-	-	-	-
Create the sum of $\sum x, \sum y, \sum x^2, \sum y^2, \sum xy, \bar{x}, \bar{y}$	-	-	-	-	-
Calculation of standard deviations for grouped and ungrouped values	-	-	-	-	-
Regression analysis	-	-	-	-	-
Permutation (nPr), Combination (nCr)	-	-	-	-	-
Integration calculations/Differential calculations	-/-	-/-	-/-	-/-	-/-
Energy supply	solar + battery	battery	solar	battery	battery
Auto power off	-	-	-	-	-
Batteries	1 x LR1130	1 x LR54	-	1 x AAA	1 x AAA
Dimensions (H x W x D in mm)	11.9 x 67 x 120	10.7 x 75 x 120	9 x 70.5 x 121.5	13.8 x 77 x 161.5	13.8 x 77 x 161.5
Approximate weight	43 g	68 g	55 g	105 g	105 g

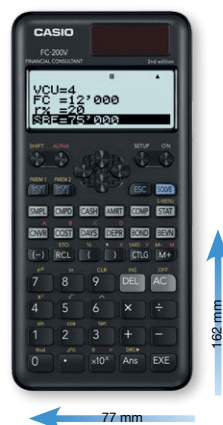
Financial calculators

- Compound interest calculations
- Amortisation of loan
- Price/cost/margin calculations
- Discounted cash flow analysis
- 4-line dot matrix display,
- 15 and 10+2 digits



FC-100V

- Battery



FC-200V

- Bonds and depreciation
- Break-even point calculation
- Two-way power

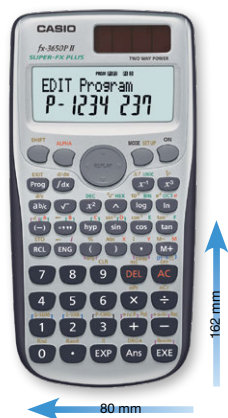
Model	FC-100V	FC-200V
Display	4-line LCD Dot matrix 31*96	4-line LCD Dot matrix 31*96
Internal digits	15	15
Mantissa+EXP	10+2	10+2
Basic functions**	•	•
Bonds	•	•
Depreciation	•	•
Compound interest calculations	•	•
Amortisation of loans	•	•
Annual percentage rate/ Annual effective rate conversions	•	•
Discounted cash flow analysis	•	•
Price/cost/margin calculations	•	•
Programming function	-	-
Standard deviation	•	•
Regression analysis	•	•
Graphic function	-	-
Power supply	AAA-size battery	LR44 battery and solar cell
Approximate battery life (hours)	17,000	3 years
Dimensions (HxWxD in mm)	13.8x77x162	11.1x77x162
Approximate weight	105 g	95 g

*Dot matrix display **Basic functions.....e^x, log, ln, n!, y^x, √x, x²

Programmable school calculators

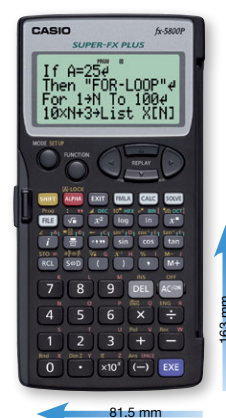
FX-3650P II

- 2-line display
- 279 functions
- 360 program steps
- Complex numbers
- Numerical integral calculus
- Two-Dimensional statistics
- Two-way power



FX-5800P

- Natural-V.P.A.M.⁷
- 4-line dot matrix display with 16 digits
- 664 functions
- 40 scientific constants
- 128 built-in formulas
- Backup function (flash memory)
- Communication 3-pin (optionally)
- Battery



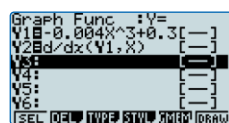
	Functions	FX-3650P II	FX-5800P
Display	Display type	DOT/LCD	DOT
	Natural display	-	•
	Algebraic input method	S-V.P.A.M. ⁶	Natural-V.P.A.M. ⁷
	No. of figures/lines	5*7/16	31x96
	Display of mantissa exponent	10+2	10+2
Memory	Replay function	-	•
	Variables memory	26	26 - 2,398
	Program memory	360 steps	28 kB
	No. of storable programs	4, depending on memory capacity	free, depending on memory capacity
Mathematics	Pre-installed formula	-	128
	Functions	279	664
	Scientific constants	-	40
	Metric conversions	-	26
	Parenthesis levels	24	•
	Angle unit (DEG/RAD/GRAD)	•	•
	Angle unit conversion (DEG/RAD/GRAD)	•	•
	Trigonometric functions (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	•	•
	Hyperbolic functions (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	•	•
	Exponential, logarithmic (log, ln, 10 ^x , e ^x)	•	•
	Mathematical functions (√, x ² , x ^{1/x} , 1/x, x!, √x, √x ²)	•	•
	Base-n calculations (hexadecimal/decimal/binary/octal)	•	•
	Logical operators (AND/OR/...)	•	•
	Sexagesimal <-> decimal	•	•
	Engineering notation (ENG/ENG)	•	•
	Calculation with engineering symbols	-	•
	Complex number calculations	•	•
	Random number generator	•	•
	Random integers	-	•
	GCD / LCM function	-	•
	Matrix calculations	-	•
	Equation solver	-	•
	Table function	-	•
Statistics	Statistical calculations	•	•
	Create sum of ∑x, ∑x ² , x	•	•
	Create sum of ∑x, ∑y, ∑x ² , ∑y ² , ∑xy, x̄, ȳ	•	•
	Standard deviation	•	•
	Regression analysis	•	•
	Permutation (nPr), Combination (nCr)	•	•
Differential and integral calculus	Numerical integration calculus	•	•
	Numerical differential calculus	•	•
Other	Programmable	-	•
	Energy supply	solar + battery	battery
	Automatic shutdown	•	•
	Battery type	1xLR44	1xAAA
	Dimensions (HxWxD in mm)	11.1x80x162	15.1x81.5x163
	Approximate weight	95 g	150 g

⁶ Super visual perfect algebraic method.

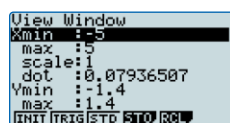
⁷ Natural visual perfect algebraic method. Display (input and output) in natural written form, just like in mathematical textbooks.

Graphic calculator that immediately visualises results in graphs, tables and lists

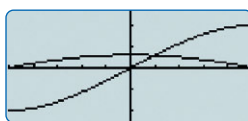
- 8-line monochrome display
- Easy to operate thanks to function keys
- Solution of equations with integral, differential and probability functions
- Unit conversion
- GCD/LCM function
- Pie chart, Bar chart
- Random integer
- Several graphs can be shown in a single coordinate system
- Box and zoom function
- Linking function for data from lists and list-based statistics
- Graphs of inequations
- Graphs of parametric functions
- Various graphic functions
- Value tables
- Hard case



a) Function input and its derivation



b) Zone settings for the display screen



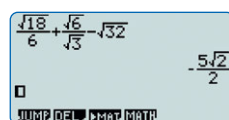
c) Graph of a function and its derivation



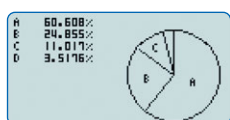
FX-7400GIII

Graphic calculator with natural textbook display and spreadsheet

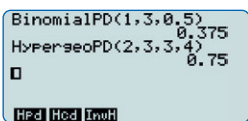
- 61 kB RAM/3 MB flash ROM memory
- Natural-V.P.A.M.[®]
- 8-line monochrome display
- Easy to operate thanks to function keys
- Solution of equations with integral, differential and probability functions
- Unit conversion
- Vector calculation
- GCD/LCM function
- Pie chart, Bar chart
- Random integer
- Financial functions
- Geometry Add-in preloaded
- Spreadsheet
- eActivity
- Dynamic graphs
- Graphs of inequations
- Graphs of parametric functions
- Several graphs can be shown in a single coordinate system
- Various graphic functions
- Value tables
- Python
- Hard case
- Data exchange with the PC via included USB cable
- Direct docking option to current CASIO projectors



a) Natural input/output



b) Pie chart



c) Binomial and hypergeometric distribution



FX-9860GIII

- Colour display with more than 65,000 colours
- Picture plot function
- 16 MB flash ROM
- Natural-V.P.A.M.[®]
- Easy to operate thanks to function keys
- Solution of equations with integral, differential and probability functions
- Unit conversion
- Vector calculation
- Pie chart, Bar chart
- Financial functions
- Geometry Add-in preloaded
- Spreadsheet
- eActivity
- Dynamic graphs
- Graphs of inequations
- Graphs of parametric functions
- Several graphs can be shown in a single coordinate system
- Probability Add-in
- Value tables
- Hard case
- Pre-installed Data Logger collection and analysis application
- Data exchange with the PC via included USB cable
- Direct docking option to current CASIO projectors
- 3D graph Add-in
- Python

MAIN MENU

Run-Matrix (1)	Statistics (2)	eActivity (3)	Spreadsheet (4)
Graph (5)	Dyna Graph (6)	Table (7)	Recursion (8)
Conic Graphs (9)	$aX+bx+c=0$ (10)	Program (11)	Financial (12)

1: Plane
 2: Line
 X=-.333
 Y=-.333
 Z=-.333
 INTSECT



SHE	A	B	C	D
1	A	20	10	
2	B	50	25	
3	C	50	25	
4	D	70	35	
5	E	10	5	

The screenshot shows an Excel chart with five horizontal bars. The y-axis labels are E, D, C, B, and A from top to bottom. The bars are colored purple, blue, yellow, orange, and green respectively. The chart is titled 'Rag (Norm)' and 'd/g (at) SHEET'.

Category	Value (approximate)
E	10
D	80
C	60
B	50
A	20

$\int_{-1-\sqrt{2}}^{1+\sqrt{2}} x^2 - x^3 dx$
 $\text{SolveN}(\cos x=1)$
 $\{-8\pi, -6\pi, -4\pi, -2\pi, 0, 2\pi\}$

The screenshot shows a TI-84 Plus calculator screen. On the left, a data table is displayed with two columns: 'Wurf' (Throw) and 'Sum'. The data points are: (26, 1), (27, 3), (28, 5), (29, 2), and (30, 2). On the right, a bar graph is shown with the x-axis labeled 1 through 6. The bars represent the frequency of each sum: bar 1 has height 1, bar 2 has height 3, bar 3 has height 5, bar 4 has height 2, bar 5 has height 2, and bar 6 has height 0. The calculator interface includes a status bar at the top showing '12:00' and 'BATT', and a bottom menu bar with options: 'ROLL', '+n', 'STORE', 'CLEAR', 'TABLE', and 'GRAPH'.

Wurf	Sum
26	1
27	3
28	5
29	2
30	2

1 2 3 4 5 6

ROLL +n STORE CLEAR TABLE GRAPH

79 Au
Gold
Metal/Trans Ele

$[Xe]4f^{14}5d^{10}6s$
High purity gold known as gold
bullion.

Weight: 196.966569

STORE INITIAL

[illegible]

For the graphing models FX-CG50, FX-7400GIII and FX-9860GIII CASIO offers a robust case in a carbon design.



The graphic calculator software is appealing because it has the same basic functionality as the corresponding graphic calculators FX-9860GIII and FX-CG50. The software is available at edu.casio.com

Licence options (1 & 3 years):

Standalone Licence [Single Licence / 10 Licences / 30 Licences / 100 Licences]

If you would like to allow multiple users to use a single account, check the network licence information at edu.casio.com



Unit v $\begin{bmatrix} 2 \\ -1 \end{bmatrix}$

$\begin{bmatrix} 2\sqrt{5} \\ 5 \\ -\sqrt{5} \\ 5 \end{bmatrix}$

```

x=int(input("x="))
if x>=0:
    x=x
else:
    x=-x
print("y=", x)

```

^a Natural visual perfect algebraic method. Display (input and output) in natural written form, just like in mathematical textbooks.

CLASSPAD II: WITH CAS AND LARGE, COLOUR TOUCHSCREEN

The ClassPad II follows the trend towards practical teaching and independent learning – and thus towards the increased use of graphic calculators with a Computer Algebra System (CAS). Various areas of application can be interactively interlinked, opening up new didactic possibilities and illustrating mathematical problem solving in various ways.

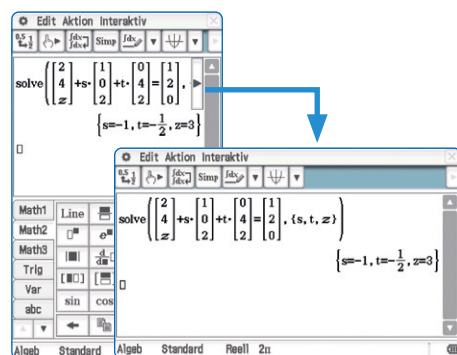
Advantages in use:

- High-resolution, rotatable, large colour screen: 4.8 inch, 320x528 pixels
- Touch-sensitive screen for finger or touchscreen pen operation
- Updatable software
- Extremely quick start-up
- Established intuitive operation system
- Uses commercially available batteries



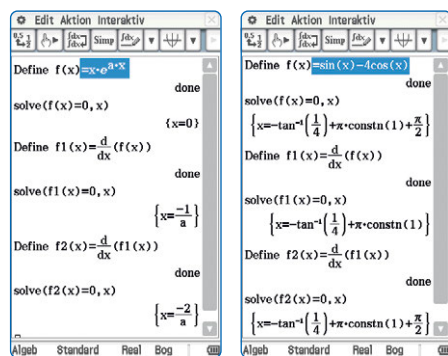
Horizontal/vertical display format

The screen format can be switched from horizontal to vertical at the press of a key. Long mathematical terms are shown completely and distinctly on the large screen.

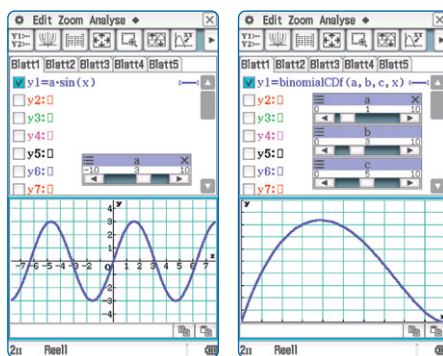


ClassPad II

Parameter changes

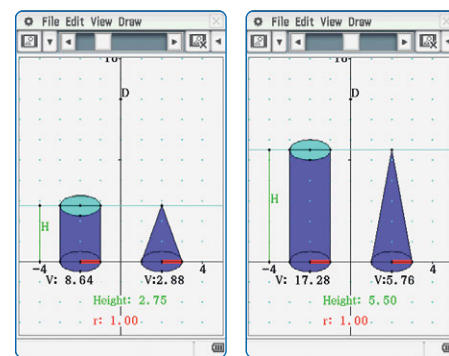


Previously defined calculation steps are recalculated if the initial function is edited.



Parameters can be modified and thus used to manipulate graphs.

Dynamic geometry



Dynamic figures can be displayed and edited using various design systems. Animations help you to explore mathematical laws.

CLASSPAD II MANAGER SUBSCRIPTION

The ClassPad II Manager software (Subscription licence) emulates a fully functioning ClassPad with identical key assignment and identical user guidance on your PC.

User-friendly utilisation of ClassPad II Manager:

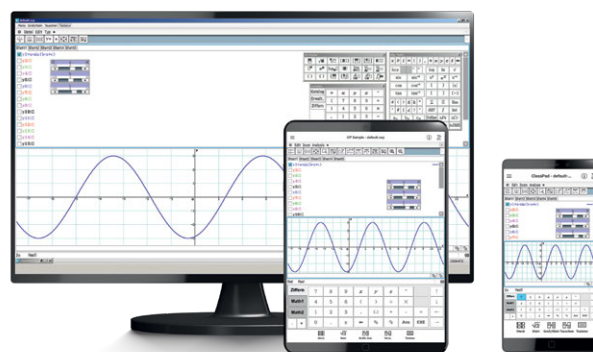
- Simple lesson preparation on the PC
- Full-screen mode
- Screenshot creation
- Straightforward drafting of eActivity worksheets

The software is available at edu.casio.com

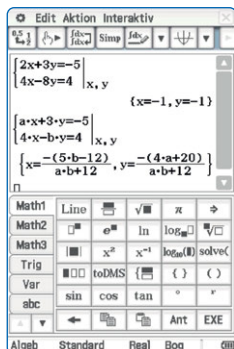
Licence options (1 & 3 years):

Standalone Licence [Single Licence / 10 Licences / 30 Licences / 100 Licences]

If you would like to allow multiple users to use a single account, check the network licence information at edu.casio.com

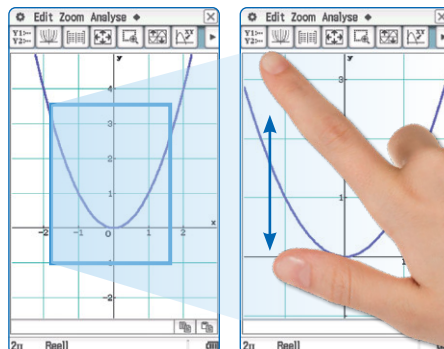


Virtual keyboard – numeric and algebraic calculation

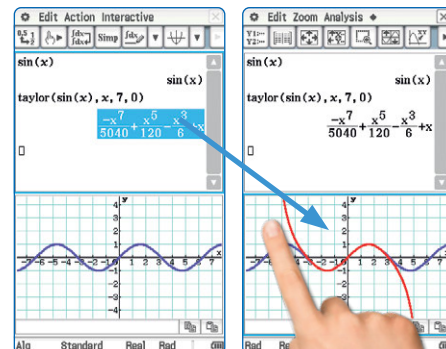


The functions of the soft keyboard are logically arranged. The integrated formula editor allows you to enter terms and equations using natural notation: Both input and output look the same as in the mathematics book.

Input methods

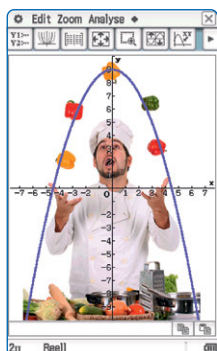


The option of entering data with a touch-screen pen or finger makes working with the ClassPad II particularly easy.



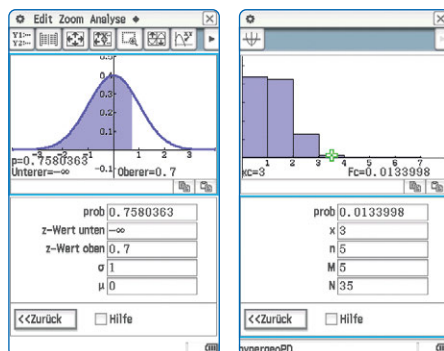
With the touch-sensitive screen you can drag and drop items easily in order to illustrate functions.

Picture Plot application



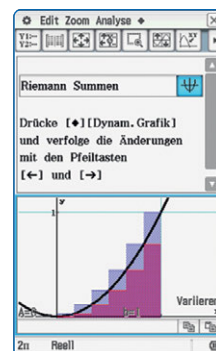
This application is suited for the mathematical analysis of photos and videos. By drawing reference points, regressions, etc. can be performed, or functions found experimentally.

Statistics and stochastics



Assistants help to calculate and illustrate probabilities, distributions and tests.

eActivity



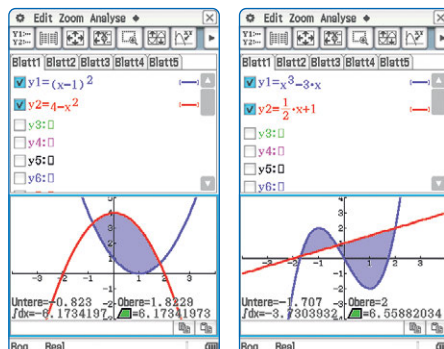
The integrated eActivity application allows you to combine problem definitions and text in electronic worksheets.

Physium



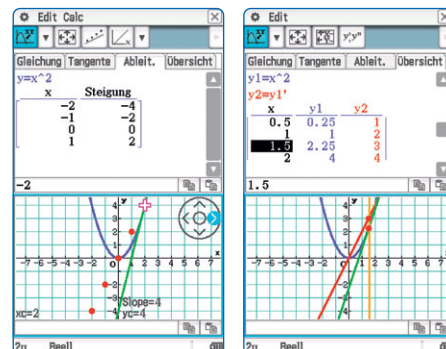
The Add-in Physium contains the basic natural constants and the periodic table of elements with detailed data for each item.

The area between two intersections



The areas between the intersection points of several functions can be shown in colour and calculated.

Interactive differential calculus



This application allows the visualisation of the dynamic transition from secant slope to tangent slope at an arbitrary point on the displayed graph.

Functions		FX-7400GIII	FX-9860GIII	FX-CG50	ClassPad II
Display	Natural display	-	Natural-V.P.A.M. ⁹	Natural-V.P.A.M. ⁹	Natural-V.P.A.M. ⁹
	Colour display	-	-	> 65,000 colours	> 65,000 colours
	Lines x digits	8 x 21	8 x 21	8 x 21	16 x 25
	Display size (in pixels)	64 x 128	64 x 128	216 x 384	528 x 320
	Backlight	-	-	•	•
	Vertical and horizontal view	-	-	-	•
	Pen-operated touchscreen	-	-	-	•
Memory	RAM/Flash-ROM memory	20 kB	61 kB/3 MB	61 kB/16 MB	500 kB/5.5 MB+24 MB
	Memory for values/variables	28	28	28	up to memory
	Recall of last entry	•	•	•	•
Mathematics	Scientific notation	10+2	10+2	10+2	10+2
	sin, cos, tan and inverse	•	•	•	•
	Hyperbolic functions and inverse	•	•	•	•
	Conversion Degree-Radian	•	•	•	•
	Conversion sexagesimal < > decimal	•	•	•	•
	Conversion polar < > rectangular	•	•	•	•
	Unit conversions	•	•	•	-
	Base-n calculations (hexadecimal/decimal/binary/octal)	•	•	•	•
	Exponential/logarithm functions	•	•	•	•
	Table function	•	•	•	•
	Linear equation	up to 6	up to 6	up to 6	up to memory
	Polynom equations of a higher order	up to 6	up to 6	up to 6	up to memory
	Logical operators (AND/OR/...)	•	•	•	•
	Computer-Algebra-System	-	-	-	•
	Complex number calculations	•	•	•	•
	Interactive equation solver	•	•	•	•
	Matrix calculations	-	•	•	•
	REF/RREF function	-	•	•	•
	Vector calculations	-	•	•	•
	Repeat/answer memory	•	•	•	•
	Recursive number series	-	•	•	•
	GCD/LCM function	•	•	•	•
	Laplace transformation	-	-	-	•
	Fourier transformation	-	-	-	•
Graphic presentation	No. of functions	20	20	20	up to 100
	X=f(Y) graph	•	•	•	•
	Inequations (automatic shading)	•	•	•	•
	Zoom, trace functions	•	•	•	•
	Conics mode	-	•	•	•
	3D graph	-	-	•	•
	Dynamic geometry software	-	preloaded/Add-in	preloaded/Add-in	•
Statistics	Mean value, standard deviation	•	•	•	•
	Linear regression	•	•	•	•
	Median, quartiles	•	•	•	•
	Descriptive statistics	•	•	•	•
	Combinatorial analysis and permutation	•	•	•	•
	Regression models	12	12	12	12
	Histograms, scatter	•	•	•	•
	Box and whisker plots	•	•	•	•
	Pie/Bar chart	•	•	•	•
	No. of lists	26 x 6	26 x 6	26 x 6	up to memory
	Max. list length	999	999	999	up to memory
	Evaluative statistics	•	•	•	•
	Probability simulation	-	• (Add-in)	• (Add-in)	•
	Probability distribution	-	•	•	•
Differential and integral calculus	Differential equations	-	-	-	•
	Numerical integral calculus	•	•	•	•
	Numerical differential calculus	•	•	•	•
	Symbolic integral calculus	-	-	-	•
	Symbolic differential calculus	-	-	-	•
	dynamic calculation of area	-	-	•	-
	Roots, intersection and free choice as border of integral calculation	-	-	•	•
	Maximum, minimum	•	•	•	•
Programming	Formula memory	•	•	•	•
	Programming/user-defined	•	•	•	•
	String function	•	•	•	•
	Python	-	•	•	-
Financial mathematics		-	•	•	•
Other	Additional applications/Add-ins	-	•	•	•
	Operating system update possible	-	•	•	•
	Password protection	-	-	•	-
	Protective hard case	•	•	•	•
	Spreadsheet	-	•	•	•
	eActivity	-	•	•	•
	Picture Plot	-	-	pre-installed Add-in	•
	Calculator to calculator cable	optionally	supplied with the calculator	supplied with the calculator	supplied with the calculator
	Auto power off	•	•	•	•
	PC connection possible	-	supplied with the calculator	supplied with the calculator	supplied with the calculator
	Corresponding Emulator-Software	-	optionally	optionally	optionally
	C-Lab connection possible/E-CON	-	•/•	•/•	•/•
	Batteries (main battery)	4 x AAA	4 x AAA	4 x AAA	4 x AAA
	Dimensions (H x W x D in mm)	18.7 x 83.5 x 175.5	18.7 x 83.5 x 175.5	18.6 x 89 x 188.5	21.1 x 89 x 206
	Approximate weight	190 g	190 g	230 g	315 g

⁹Natural visual perfect algebraic method. Display (input and output) in natural written form, just like in mathematical textbooks.

DATA LOGGER

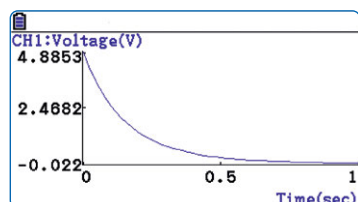
CMA C-Lab

The CMA C-Lab is an easy-to-operate data logger for maths and science instruction. It is connected to the graphic calculator from CASIO with 3-pin cables. More than 50 different sensors can be used with the unit. Measurements of up to 50,000 Hz and precise, frequency-independent timing are possible thanks to the integrated processor and memory.

When the CMA C-Lab is used with a CASIO graphic calculator, the data logger is controlled via the graphic calculator's data logger software. The gathered data is sent to the graphic calculator in real time and the measuring process can be monitored on the graphic calculator display.

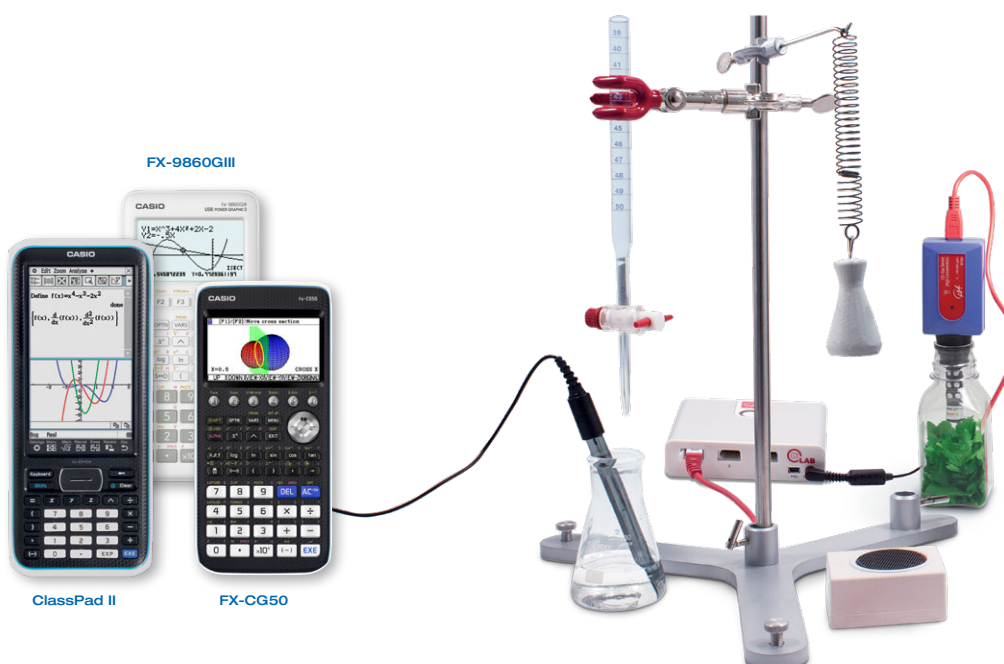
Data logger

Data logger is a menu-driven graphic calculator application from CASIO with which the data collected with the CMA C-Lab can be further processed. For example, the data can be graphically displayed on the ClassPad II or FX-CG50.



Three sensor ports

- Most analogue CMA sensors can be connected
- Sensors are automatically recognised
- Type: BT right



OFFICE CALCULATORS



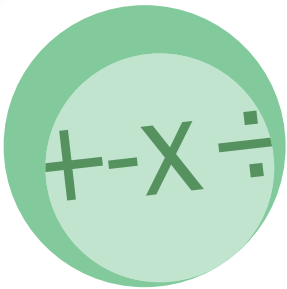
Whether you are calculating percentages, taxes or profits – the pocket, desktop and printing calculators from CASIO always deliver fast and precise results. CASIO calculators are characterised by functional versatility, elegant design and robust construction. They offer everything you could ever ask for to meet today's everyday office needs. Their ergonomic layout ensures error-free input and provides an easy-to-read readout of your results. CASIO calculators are a great investment – you can work it out for yourself.

THE RELIABLE CALCULATORS FOR THE TOUGH TASKS OF EVERYDAY OFFICE LIFE



Desk calculators

Large keys and a clearly legible display:
The uncomplicated design of the desk calculators
guarantees precise results in the office.



Pocket calculators

Small and practical:
The handy pocket calculators are the ideal
solution for a quick calculation wherever you
happen to be.



Printing calculators

Clean printing on standard paper:
Printing calculators offer document-quality printing
for retraceable calculation and accounting steps.

Desk calculators with EURO conversion

- Extra-large display
- Two-way power
- Plastic keys
- Currency conversion
- Plus/minus change
- 3-digit comma markers
- Key rollover

MS-8E

- 8-digit display
- Plastic cover
- Mini desk type size
- Backspace key



MS-80E

- 8-digit display
- Metal cover
- Double zero key
- Mini desk type size
- Backspace key



MS-88EM

- 8-digit display
- Metal cover
- Profit calculation (cost/sell/margin)
- Mini desk type size
- Backspace key



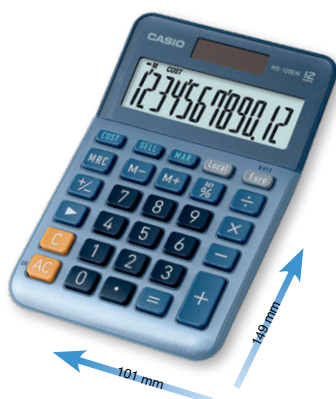
MS-100 EM

- 10-digit display
- Metal cover
- Profit calculation (cost/sell/margin)
- Mini desk type size
- Backspace key



MS-120EM

- 12-digit display
- Metal cover
- Profit calculation (cost/sell/margin)
- Mini desk type size
- Backspace key



DF-120EM

- 12-digit display
- Metal cover
- Desktop type size
- Rounding selector
- GT memory
- Double zero key
- Profit calculation (cost/sell/margin)
- Backspace key



DH-12ET

- 12-digit display
- Desktop type size
- Plastic cover
- Tax calculation
- Rounding selector
- GT memory
- Square root
- Double zero key



Compact desk calculators with tax calculation

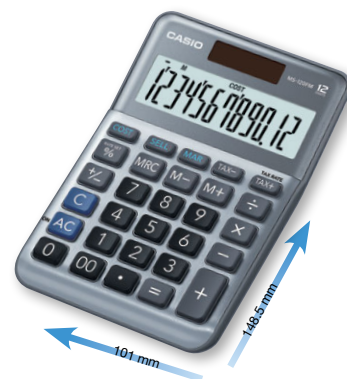
- Extra-large display
- Mini desk type size
- Two-way power
- Tax calculation
- Plus/minus change
- 3-digit comma markers
- Key rollover
- Plastic keys
- 3-Key memory

**MS-80F**

- 8-digit display
- Backspace key
- Currency conversion
- Metal cover
- Square root

**MS-100FM**

- 10-digit display
- Double zero key
- Profit calculation (cost/sell/margin)
- Metal cover

**MS-120FM**

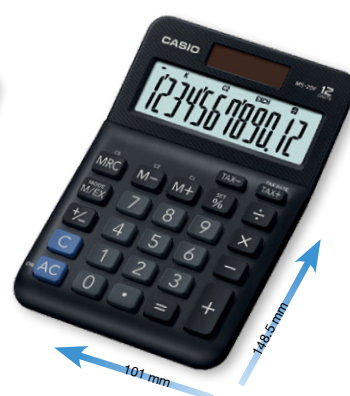
- 12-digit display
- Double zero key
- Profit calculation (cost/sell/margin)
- Metal cover

**MS-8F**

- 8-digit display
- Plastic cover
- Currency conversion

**MS-10F**

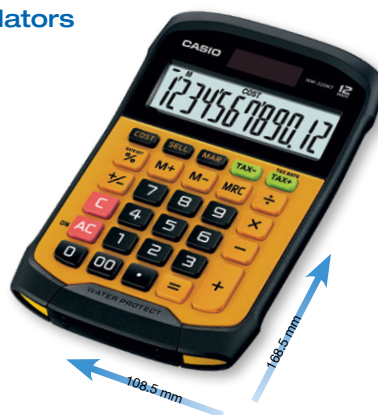
- 10-digit display
- Plastic cover
- Currency conversion

**MS-20F**

- 12-digit display
- Plastic cover
- Currency conversion

Water-protected and dust-proof calculators

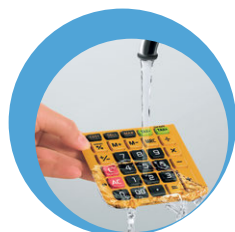
- Detachable and washable Keypad
- Extra-large 12-digit display
- Two-way power
- Tax calculation
- Profit calculation (cost/sell/margin)
- Key Rollover
- 3-Key memory
- 3-digit comma markers
- Plus/minus change
- Double zero key
- Level of Protection: IP54

**WM-320MT**

- Mini desk type size

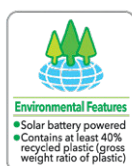
**WD-320MT**

- Desktop type size
- GT memory
- Backspace key



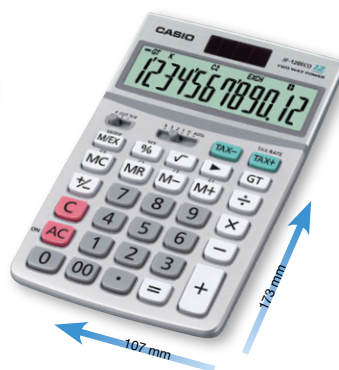
The environmentally friendly eco-calculators

- Upper and lower case made out of recycled plastic
- Currency conversion
- Extra-large display
- Plastic keys
- Two-way power
- Plus/minus change
- Key rollover
- Tax calculation
- 3-digit comma markers
- Backspace key
- Square root
- Metal cover



MS-88ECO

- 8-digit display
- Mini desk type size



JF-120ECO

- 12-digit display
- Compact desk type size
- Rounding selector
- Kickstand
- GT memory
- Double zero key



DF-120ECO

- 12-digit display
- Desktop type size
- Rounding selector
- Kickstand
- GT memory
- Double zero key

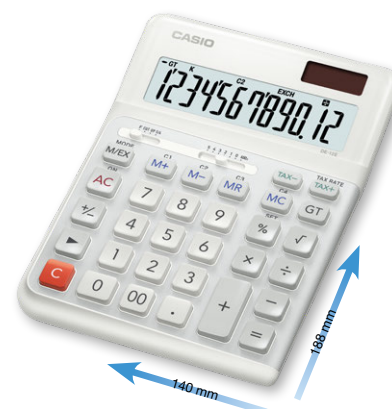
Ergonomic Calculators

- Extra-large 12-digit
- Plastic keys
- Two-way power
- Plus/minus change
- Key rollover
- Tax calculation
- 3-digit comma markers
- Currency conversion
- Backspace key
- GT memory
- Square root
- Double zero key
- Rounding selector



JE-12E-WE

- Compact desk type size



DE-12E-WE

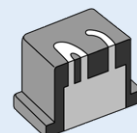
- Desk type size

Benefit: Ergonomically designed for right hand users: The keypad is configured in an innovative staircase design, with a 3° inclination from right to left side. Compared to conventional desk calculators, this innovative keypad design causes less torsion of the underarm and rotation of the hand wrist, as it adapts to the natural finger and hand posture. The staircase key shape enables perfect vertical keystrokes and thus eases the key typing, lessens burden and helps avoiding Repetitive Strain Injuries (RSI). This reduces the muscle activity on these 3 muscles: the pronator teres muscle, the extensor carpi radialis muscle and the flexor carpi radialis muscle.



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.

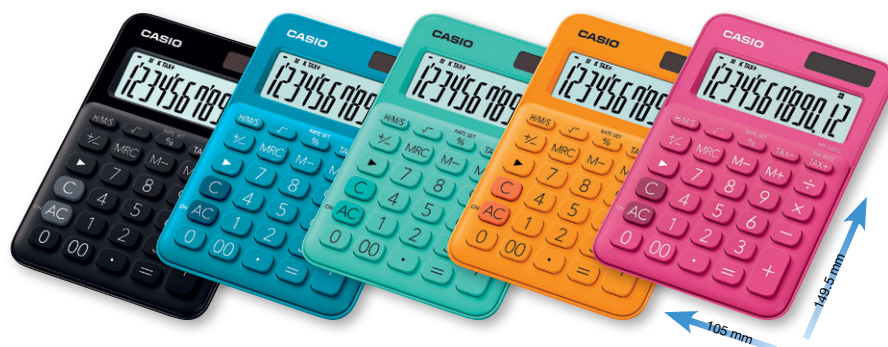


Key cross-section

* Excluding the (M/EX), (TAX+) and (TAX-) keys.

Compact desk calculators in trendy colours

- Mini desk type size
- Two-way power
- Plus/minus change
- Key rollover
- Tax calculation
- 3-digit comma markers
- Plastic cover
- Time calculation
- Square root
- Backspace key
- Double zero key



MS-20UC

- 12-digit display
- Available in black, blue, green, orange, red, pink, purple, light blue, white



MS-7UC

- 10-digit display
- Available in blue, green and red



Desk calculators in stylish design

- Extra-large 12-digit tilt display
- Compact desk type size
- Metal cover
- Plastic keys
- Two-way power
- Plus/minus change
- Key rollover
- Tax calculation
- 3-digit comma markers
- Currency conversion
- Backspace key
- GT memory
- Square root
- Double zero key
- Rounding selector



JW-200SC

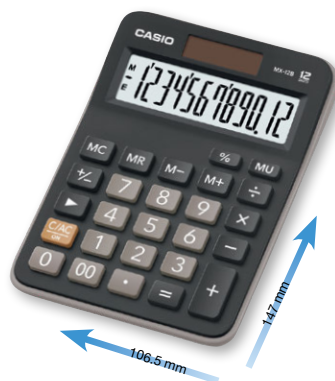
- Available in black, blue, pink, navy blue, gold, white, grey

The X-Series desk calculators with standard percentage calculation

- Extra-large display
- Two-way power
- Plastic keys
- Key rollover
- Plus/minus change
- 3-digit comma markers
- Mark up
- Plastic cover

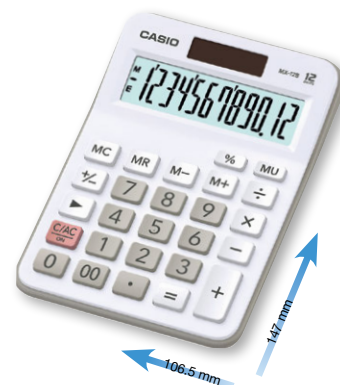
MX-12B

- 12-digit display
- Mini desk type size
- Double zero key
- Backspace key
- Available in black



MX-12B-WE

- 12-digit display
- Mini desk type size
- Double zero key
- Backspace key
- Available in white



GX-12B

- 12-digit display
- Desktop type size
- Double zero key
- Backspace key
- Rounding selector
- Square root
- Item counter
- Double memory



DX-12B

- 12-digit display
- Desktop type size
- Double zero key
- Backspace key
- Rounding selector
- Square root
- GT memory



Desk calculators in wide format with square root and standard percentage calculation

- 12-digit display
- Extra-large display
- Two-way power
- Desktop type size
- Plastic cover
- Plastic keys
- Square root
- Key rollover
- 3-digit comma markers
- Plus/minus change
- Mark up
- Backspace key
- GT memory
- Double zero key

DH-12

- Rounding selector



MH-12



Desk calculators with check & correct function and standard percentage calculation

- 12-digit display
- Plastic cover
- Plastic keys
- Two-way power
- Auto review
- Mark up
- Square root
- Backspace key
- Double zero key
- Localised number display
- Key rollover
- 300 steps
- Recheck with sound assist
- GT memory


MJ-120D Plus

- Mini-desk type size
- Tax calculation


DJ-120D Plus

- Desktop type size
- Go to function
- Triple zero key
- Rounding selector

Model	Digits	Power supply	Currency conversion	Tax calculation	Independent memory	GT	%	Mark up	✓	+/-	▶	Time calculation	Profit calculation CSM	Item Counter	3-digit comma markers	5/4	Cut	Up	Decimal selector	ADD mode	Dimensions H x W x D (mm)	Approx. weight (g)
MS-8E	8	Two-way power	•	-	•	-	•	-	-	•	•	-	-	-	•	-	-	-	-	-	28x101x149	105
MS-80E	8	Two-way power	•	-	•	-	•	-	-	•	•	-	-	-	•	-	-	-	-	-	28x101x149	120
MS-88EM	8	Two-way power	•	-	•	-	•	-	-	•	•	-	-	-	•	-	-	-	-	-	28x101x149	120
MS-100EM	10	Two-way power	•	-	•	-	•	-	-	•	•	-	-	-	•	-	-	-	-	-	28x101x149	120
MS-120EM	12	Two-way power	•	-	•	-	•	-	-	•	•	-	-	-	•	-	-	-	-	-	28x101x149	120
DF-120EM	12	Two-way power	•	-	•	•	•	-	-	•	•	-	-	-	•	•	•	-	0,1,2,3,4	•	31x126x179	180
DH-12ET	12	Two-way power	•	•	•	•	•	-	•	•	-	-	-	-	•	•	•	-	0,1,2,3,4	•	29x151x159	180
MS-80F	8	Two-way power	•	•	•	-	•	-	-	•	•	-	-	-	•	-	-	-	-	-	27.6 x 101 x 148.5	104
MS-100FM	10	Two-way power	-	•	•	-	•	-	-	•	-	-	-	-	•	-	-	-	-	-	27.6 x 101 x 148.5	105
MS-120FM	12	Two-way power	-	•	•	-	•	-	-	•	-	-	-	-	•	-	-	-	-	-	27.6 x 101 x 148.5	104
MS-8F	8	Two-way power	•	•	•	-	•	-	-	•	-	-	-	-	•	-	-	-	-	-	27.6 x 101 x 148.5	104
MS-10F	10	Two-way power	•	•	•	-	•	-	-	•	-	-	-	-	•	-	-	-	-	-	27.6 x 101 x 148.5	104
MS-20F	12	Two-way power	•	•	•	-	•	-	-	•	-	-	-	-	•	-	-	-	-	-	27.6 x 101 x 148.5	104
WM-320MT	12	Two-way power	-	•	•	-	•	-	-	•	-	-	-	-	•	-	-	-	-	-	33.4 x 108.5 x 168.5	175
WD-320MT	12	Two-way power	-	•	•	•	•	-	-	•	•	-	-	-	•	-	-	-	-	-	35.6 x 144.5 x 194.5	255
MX-12B	12	Two-way power	-	-	•	-	•	•	-	•	•	-	-	-	•	-	-	-	-	-	29 x 106.5 x 147	115
MS-20UC	12	Two-way power	-	•	•	-	•	-	•	•	•	•	-	-	•	-	-	-	-	-	22.8x105x149.5	110
MS-7UC	10	Two-way power	-	•	•	-	•	-	•	•	•	•	-	-	•	-	-	-	-	-	19.4x85.5x120	70
JW-200SC	12	Two-way power	•	•	•	•	•	-	•	•	•	-	-	-	•	•	•	-	0,1,2,3,4	•	10.8x109x183.5	150
MS-88ECO	8	Two-way power	•	•	•	-	•	-	•	•	•	-	-	-	•	-	-	-	-	-	30.7x103x145	125
JF-120ECO	12	Two-way power	•	•	•	•	•	-	•	•	•	-	-	-	•	•	•	-	0,1,2,3,4	•	26.3x107x173	160
DF-120ECO	12	Two-way power	•	•	•	•	•	-	•	•	•	-	-	-	•	•	•	-	0,1,2,3,4	•	35.7x122.5x174.5	185
JE-12E-WE	12	Two-way power	•	•	•	•	•	-	•	•	•	-	-	-	•	•	•	•	0,1,2,3,4,5	•	24 x 111 x 178	208
DE-12E-WE	12	Two-way power	•	•	•	•	•	-	•	•	•	-	-	-	•	•	•	•	0,1,2,3,4,5	•	35 x 140 x 188	295
DX-12B	12	Two-way power	-	-	•	•	•	•	•	•	•	-	-	-	•	•	•	•	0,1,2,4	•	33.2 x 129 x 175.5	180
GX-12B	12	Two-way power	-	-	2	-	•	•	•	•	•	-	-	-	•	•	•	•	0,1,2,4	•	34.3 x 159 x 207.5	245
GX-14B	14	Two-way power	-	-	2	-	•	•	•	•	•	-	-	-	•	•	•	•	0,1,2,4	•	34.3 x 159 x 207.5	245
GX-16B	16	Two-way power	-	-	2	-	•	•	•	•	•	-	-	-	•	•	•	•	0,1,2,4	•	34.3 x 159 x 207.5	245
DH-12	12	Two-way power	-	-	•	•	•	•	•	•	•	-	-	-	•	•	•	•	0,1,2,4	•	28.5x151x159	180
DH-16	16	Two-way power	-	-	•	•	•	•	•	•	•	-	-	-	•	•	•	•	0,1,2,4	•	28.5x151x159	180
MH-12	12	Two-way power	-	-	•	•	•	•	•	•	•	-	-	-	•	-	-	-	-	-	27.6x127x136.5	125
MJ-120D Plus	12	Two-way power	-	•	•	•	•	•	-	•	-	-	-	-	•	-	-	-	-	-	28.6x126.5x148	140
DJ-120D Plus	12	Two-way power	-	-	•	•	•	•	-	•	-	-	-	-	•	•	•	•	0,1,2,3,4	•	34.6x144x192	205

Compact pocket calculators with standard percentage calculation

- 8-digit display
- Percentage calculation
- Large display
- Square root



HL-4A

- Battery operation
- Plastic cover
- Plus/minus change



HL-815L-BK

- Battery operation
- Plastic cover
- 3-digit comma markers



HL-820LV

- Protection flap
- Battery operation
- Plastic cover
- 3-digit comma markers



HL-820VA

- Metal cover
- Battery operation
- Plastic keys
- 3-digit comma markers

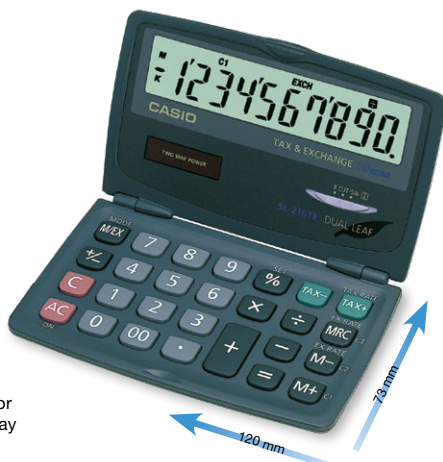


HS-8VA

- Two-way power
- Mark up
- Metal cover
- Plastic keys

Clearly laid out pocket calculators with dual leaf and large display

- Dual leaf
- Two-way power
- Currency conversion
- Plastic cover
- Percentage calculation
- Plus/minus change
- 3-digit comma markers



SL-210TE

- 10-digit display
- Tax calculation
- Rounding selector
- Extra-large display



SL-100VERA

- 8-digit display
- Backspace key
- Large display

Handy classics with a large display

- Percentage calculation
- Plus/minus change
- 3-digit comma markers
- Extra-large display
- Currency conversion
- Wallet case
- Two-way power



SL-305ECO

- 8-digit display
- Tax calculation
- Metal cover
- Plastic keys
- Upper and lower case made out of recycled plastic



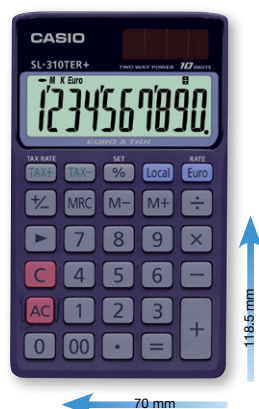
SL-300VERA

- 8-digit display
- Plastic cover
- Backspace key



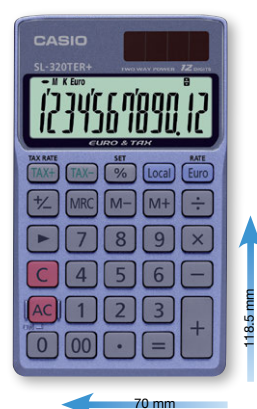
SL-310TER+

- 10-digit display
- Tax calculation
- Plastic cover
- Double zero key
- Backspace key



SL-320TER+

- 12-digit display
- Tax calculation
- Plastic cover
- Double zero key
- Backspace key



Compact pocket calculators with EURO conversion and protection flap

- 8-digit display
- Plastic cover
- Protection flap
- Percentage calculation
- Currency conversion
- 3-digit comma markers
- Large display

HL-820VERA

- Battery operation



HS-8VERA

- Two-way power



Pocket calculators in trendy colours

- 10-digit display
- Plastic keys
- Two-way power
- Plus/minus change
- Key rollover
- Tax calculation
- 3-digit comma markers
- Time calculation
- Backspace key
- Square root
- Extra-large display

SL-310UC

- Available in black, blue, green, orange, red, pink, purple, light blue, white



Pocket calculators in stylish design

- 10-digit display
- Metal cover
- Plastic keys
- Two-way power
- Plus/minus change
- Key rollover
- Tax calculation
- 3-digit comma markers
- Backspace key
- Square root
- Extra-large display
- Double zero key

SL-1000SC

- Available in black, blue, grey, navy blue, pink, gold, white



Model	Digits	Power supply	Currency conversion	Tax calculation	Independent memory	%	Mark up	☑	+/-	▶	Time calculation	3-digit comma markers	5/4	Cut	Double zero key	Decimal selector	Dimensions HxWxD (mm) Folded	Dimensions HxWxD (mm) Unfolded	Approx. weight (g)	Case
HL-4A	8	LR-54 x1	-	-	•	•	-	•	•	-	-	-	-	-	-	-	8.6x56x87	8.6x56x87	25	-
HL-815L-BK	8	AA x1	-	-	•	•	-	•	•	-	-	•	-	-	-	-	18x69.5x118	18x69.5x118	65	-
HL-820LV	8	LR-54 x1	-	-	•	•	-	•	•	-	-	•	-	-	-	-	7.5x62.5x104	7.5x127x104	45	Hardcase
HL-820VA	8	LR-54 x1	-	-	•	•	-	•	•	-	-	•	-	-	-	-	6.9x57x102	6.9x57x102	35	Wallet
HS-8VA	8	Two-way power	-	-	•	•	•	•	•	-	-	-	-	-	-	-	6.9x57x102	6.9x57x102	35	Wallet
SL-305ECO	8	Two-way power	•	•	•	•	-	-	•	•	-	•	-	-	-	-	8.5x70x118.5	8.5x70x118.5	50	Wallet
SL-300VERA	8	Two-way power	•	-	•	•	-	-	•	•	-	•	-	-	-	-	7.5x70x118.5	7.5x70x118.5	50	Wallet
SL-310TER+	10	Two-way power	•	•	•	•	-	-	•	•	-	•	-	-	•	-	8x70x118.5	8x70x118.5	50	Wallet
SL-320TER+	12	Two-way power	•	•	•	•	-	-	•	•	-	•	-	-	•	-	8x70x118.5	8x70x118.5	50	Wallet
HL-820VERA	8	LR-54x1	•	-	•	•	-	-	-	-	-	•	-	-	-	-	10x62.5x104	7.5x127x104	45	Hardcase
HS-8VERA	8	Two-way power	•	-	•	•	-	-	-	-	-	•	-	-	-	-	10x62.5x104	7.5x127x104	45	Hardcase
SL-310UC	10	Two-way power	-	•	•	•	-	•	•	•	•	•	-	-	-	-	8.4x70x118	8.4x70x118	50	Wallet
SL-1000SC	10	Two-way power	-	•	•	•	-	•	•	•	-	•	-	-	•	-	8.7x71x120	8.7x71x120	55	Wallet
SL-210TE	10	Two-way power	•	•	•	•	-	-	•	-	-	•	•	•	•	2	12.5x120x73	6.5x120x141	80	-
SL-100VERA	8	Two-way power	•	-	•	•	-	-	•	•	-	•	-	-	-	-	13.5x91x55	9.4x91x110.5	55	-

Mini-printers with battery operation can be used everywhere

- 12-digit display
- Battery operation, Mains operation optional
- Tax calculation
- Key rollover
- Currency conversion
- Profit calculation (cost/sell/margin)
- 150 correction steps
- After-Print function
- Reprint function
- Printing speed 2 lines/sec.
- Double zero key


HR-8RCE

- Available in white and black


HR-150RCE

- Mark up/mark down
- Average calculation
- 2 colour-print
- Delta %
- Built in backup battery
- Clock/Time stamp
- Item counter
- Backspace key

HR-200RCE

- Mark up/mark down
- Average calculation
- 2 colour-print
- Delta %
- Built in backup battery
- Clock/Time stamp
- Item counter
- Backspace key



Printing calculator for semi-professional use

- 12-digit display
- LC display with backlight
- Mains operation
- 2 colour-print
- Key rollover
- Mark up/mark down
- After-Print function
- Reprint function
- Clock/Time stamp
- Backspace key
- Profit calculation (cost/sell/margin)
- 150 correction steps
- Delta %
- Average calculation
- Built in backup battery
- Item counter
- Printing speed 2.0 lines/sec.
- Double zero key


FR-2650RC

Model	Display	Digits	Dimensions H x W x D (mm) approx.	Currency conversion	Tax calculation	Check & correct logic	Simple algebraic logic	Profit calculation	Subtotal	Grand total/Total	Re-and-After-Print	%	Delta %	MU/MD	3-digit comma markers	2-colour printing	Printing speed Lines/Sec.	Time calculation	Item counter	5/4	Cut	UP	Decimal selector	ADD mode	Battery	Backup Battery	AC adaptor	Ink-roll/ Ink ribbon	Paper width (mm)	Approx. weight (g)
HR-8RCE	LCD	12	82x102x239	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	-	•	•	•	•	0, 2	-	AAx4	-	AD-A60024 ¹⁰	IR-40	58	271
HR-150RCE	LCD	12	65x165x295	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	-	•	•	•	•	0, 2, 3	•	AAx4	•	AD-A60024 ¹⁰	IR-40T	58	495
HR-200RCE	LCD	12	65x195x313	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	-	•	•	•	•	0, 2, 3	•	AAx4	•	AD-A60024 ¹⁰	IR-40T	58	595
FR-2650RC	LCD	12	65x195x313	-	•	•	•	•	•	•	•	•	•	•	•	•	2.0	-	•	•	•	•	0, 2, 3	•	-	•	AD-A60024	IR-40T	58	620

Accessories	Paper	Ink roll
Model	Paper roll 57 mm – 5 pcs	IR-40
Applicable model	All HR/FR-models	HR-8RCE
		HR-150RCE
		HR-200RCE
		FR-2650RC

¹⁰optional

