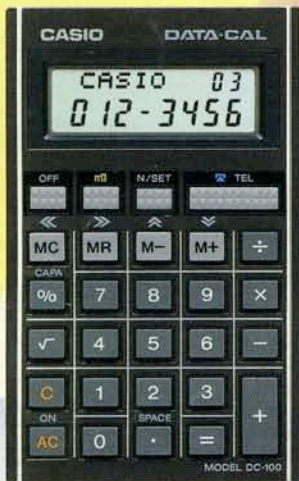


# ELECTRONIC CALCULATORS

*Casio's Creativity Gets Wider & Wider*



*Presenting the world's best selling calculators*

# CASIO



# NEW GENERATION

## DATA-CAL

Stores and protects private data — phone numbers, credit card numbers ...

BK(BLACK)



GD(GOLD)



DC-100



**NEW!**

- Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
- Secret function protects private data. • Stored items sorted in alphabetical order. • Latest double-deck display carries 18 characters for clear reference to names and numerals. • 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up  $\% \uparrow$ ,  $\% \downarrow$ .
- Function command signs. • Auto power-off function with memory retention. \*400 hours on one lithium battery (CR2016). \*7H × 68W × 109mmD, 48g (1/4"H × 2 5/8"W × 4 1/4"D, 1.7 oz).



GY(GRAY)



RD(RED)

GN(GREEN)



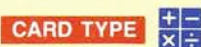
DC-500 **CARD TYPE**



**NEW!**

- Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
- Secret function protects private data. • Stored items sorted in alphabetical order. • Latest double-deck display carries 18 characters for clear reference to names and numerals. • 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up  $\% \uparrow$ ,  $\% \downarrow$ .
- Function command signs. • Auto power-off function with memory retention. \*430 hours on one lithium battery (CR2016). \*6.8H × 85.5W × 54mmD (1/4"H × 3 3/8"W × 2 1/8"D) — Folded. 5H × 85.5W × 108mmD (3/16"H × 3 3/8"W × 4 1/4"D) — Unfolded. \*56g (2 oz).

DC-600 **CARD TYPE**



**NEW!**

- Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
- Secret function protects private data. • Stored items sorted in alphabetical order. • Latest double-deck display carries 18 characters for clear reference to names and numerals. • 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up  $\% \uparrow$ ,  $\% \downarrow$ .
- Function command signs. • Auto power-off function with memory retention. \*430 hours on one lithium battery (CR2016). \*6H × 91W × 62mmD, 40g (1/4"H × 3 5/8"W × 2 1/2"D, 1.4 oz).



DC-700 **CARD TYPE**



**NEW!**

- Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
- Secret function protects private data. • Stored items sorted in alphabetical order. • Latest double-deck display carries 18 characters for clear reference to names and numerals. • 8 digits (16-digit approximations), constants

- for +/−/×/÷, independent memory, mark-up  $\% \uparrow$ ,  $\% \downarrow$ .
- Function command signs. • Auto power-off function with memory retention. \*430 hours on one lithium battery (CR2016). \*4H × 85.5W × 54.5mmD, 30g (1/8"H × 3 3/8"W × 2 1/8"D, 1.1 oz).

\*Fine carrying case.



C-POWER — The anywhere calculator, that retains memory in complete darkness.



Super solar cell — Works even by candlelight. No battery needed.



Function command signs, a convenient feature, just from Casio.

A press of any function key brings a sign to the display,  $\pm$ ,  $\square$ ,  $\boxtimes$ ,  $\boxdiv$ . So no more worries about being in the wrong mode.



Casio mark-up  $\% \uparrow$  means business.

$\% \uparrow$  key gives quick access to prices and profits, and in addition to mark-ups also delivers additions, discounts, ratios, increase/decrease values and regular percentages.



# OF CALCULATORS



## The DATA-CAL:

Your own Personal Directory and Calculator that stores up to 20 numbers.

### Telephone number

MARY 201-  
575-7400

### Birthday

SMITH 1963  
12-25

### Bank account number

BANK 123-  
456-7890

### Passport number

PP NR  
1691407

### Credit card number

CC9876 9800  
29209755

# CURRENCY CONVERTER

NEW!



10 Memories for International Currency Conversions



## CV-700 CARD TYPE

- 10 nonvolatile currency conversion memories
- Storage/recall of 10 sets of conversion rates, currency conversions
- Input characters: 3 each for currency #1 and currency #2, 8 digits for rate
- 8 digits (16-digit approximations), constants for +/÷/×/÷, independent memory, mark-up  $\%$ ,  $\%$ ,  $\%$
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode
- Auto power-off function with memory retention
- Function command signs
- 430 hours on one lithium battery (CR2016). \*4H × 85.5W × 54.5mmD, 30g (1/8"H × 3 3/8"W × 2 1/8"D, 1.1 oz).

# FINANCE MANAGER

NEW!



Everyone's Answer to Finance Management



## CB-700 CARD TYPE

- 14 nonvolatile memories for bank (4) and credit card (10) balance management
- Current balance management
- Bank/credit card grand totals
- Credit card amount totals
- Totals between credit amount and specified bank
- Secret function
- 8-digit calculator
- Function command signs
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode
- Auto power-off function with memory retention
- 430 hours on one lithium battery (CR2016). \*4H × 85.5W × 54.5mmD, 30g (1/8"H × 3 3/8"W × 2 1/8"D, 1.1 oz).



Combined with the independent memory, the GT memory (grand total memory) eases horizontal/vertical totalling.



Quick corrections of mis-entries with the move-back shift key (◀).



DATA BANK can hold private memoranda such as names and telephone numbers, addresses, dates, etc.

The DATA BANK combined with BASIC provides an expansive range of duties.



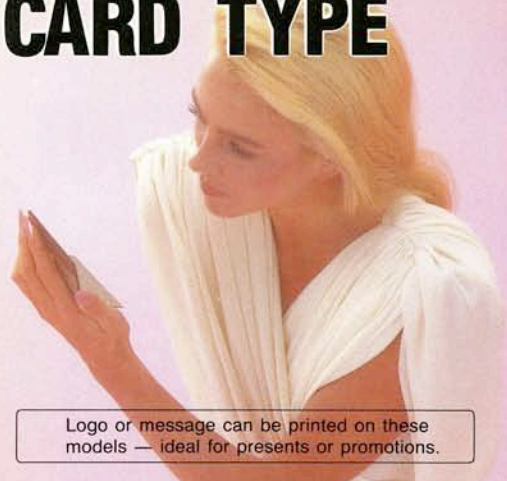
Pleasant 11-note melody maker with preset melodies.



Melody alarm plays at the preset time.



# CARD TYPE



## SOLAR POWER

### FILM CARD™

The Film Card Calculator in Credit Card Profile. 0.8mm Slim! And It's Solar!



FILM CARD™ SL-800

•8 digits (16-digit approximations), constants for  $+/-/ \times / +$ , independent memory, mark-up  $\boxtimes$ ,  $\boxdot$ . •Function command signs. \*Amorphous silicon solar battery. \*Approx. 0.8H  $\times$  85.5W  $\times$  54mmD, 14g ( $1/32$ "H  $\times$   $3/8$ "W  $\times$   $2 1/8$ "D, 0.5 oz).

Logo or message can be printed on these models — ideal for presents or promotions.

At 2mm, It Feels Just Right in Your Pocket!



Upright Is Just Right!



FILM CARD™ SL-750

•8 digits (16-digit approximations), constants for  $+/-/ \times / +$ , independent memory, mark-up  $\boxtimes$ ,  $\boxdot$ . •Function command signs. \*Amorphous silicon solar battery. \*2H  $\times$  85.5W  $\times$  54mmD, 22g ( $1/16$ "H  $\times$   $3 3/8$ "W  $\times$   $2 1/8$ "D, 0.8 oz).



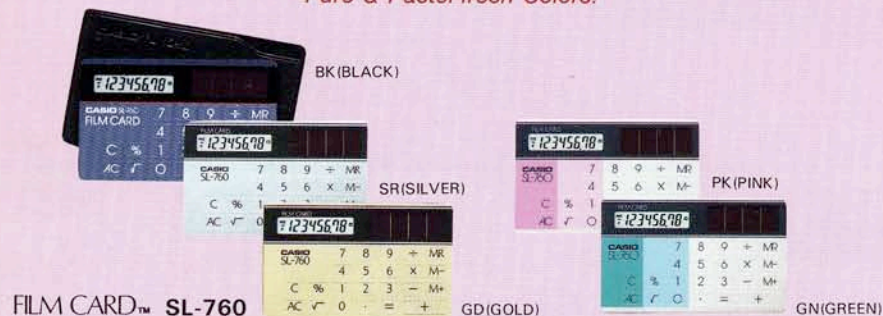
FILM CARD™ SL-770

•8 digits (16-digit approximations), constants for  $+/-/ \times / +$ , independent memory, mark-up  $\boxtimes$ ,  $\boxdot$ . •Function command signs. \*Amorphous silicon solar battery. \*2.5H  $\times$  54W  $\times$  85.5mmD, 19g ( $3/32$ "H  $\times$   $2 1/8$ "W  $\times$   $3 3/8$ "D, 0.7 oz).

Pure & Pastel-fresh Colors!



New Fold-flat Fashion Opens Up the Key Panel!



FILM CARD™ SL-760

•8 digits (16-digit approximations), constants for  $+/-/ \times / +$ , independent memory, mark-up  $\boxtimes$ ,  $\boxdot$ . •Function command signs. •Double-size  $\boxplus$  key. \*Amorphous silicon solar battery. \*2.9H  $\times$  85.5W  $\times$  54mmD, 21g ( $1/8$ "H  $\times$   $3 3/8$ "W  $\times$   $2 1/8$ "D, 0.7 oz).



FILM CARD™ SL-500

•8 digits (16-digit approximations), constants for  $+/-/ \times / +$ , independent memory, mark-up  $\boxtimes$ ,  $\boxdot$ . •Function command signs. •Double-size  $\boxplus$  key. \*Amorphous silicon solar battery. \*3.7H  $\times$  85.5W  $\times$  54.5mmD ( $3/32$ "H  $\times$   $3 3/8$ "W  $\times$   $2 1/8$ "D) — Folded. 2.6H  $\times$  85.5W  $\times$  111mmD ( $3/32$ "H  $\times$   $3 3/8$ "W  $\times$   $4 3/8$ "D) — Unfolded. \*44g (1.6 oz).

It Reflects Your Personality!

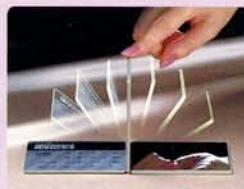


Micro Fold-flat Card



FILM CARD™ SL-761

With a Handy Mirror



•8 digits (16-digit approximations), constants for  $+/-/ \times / +$ , independent memory, mark-up  $\boxtimes$ ,  $\boxdot$ . •Function command signs. •Double-size  $\boxplus$  key. \*Amorphous silicon solar battery. \*3H  $\times$  85.5W  $\times$  54mmD, 25g ( $1/8$ "H  $\times$   $3 3/8$ "W  $\times$   $2 1/8$ "D, 0.9 oz).



FILM CARD™ SL-7

•8 digits (16-digit approximations), constants for  $+/-/ \times / +$ , independent memory, mark-up  $\boxtimes$ ,  $\boxdot$ . •Function command signs. •Double-size  $\boxplus$  key. \*Amorphous silicon solar battery. \*4.9H  $\times$  71W  $\times$  45mmD ( $3/16$ "H  $\times$   $2 3/4$ "W  $\times$   $1 3/4$ "D) — Folded. 3.8H  $\times$  71W  $\times$  89mmD ( $1/8$ "H  $\times$   $2 3/4$ "W  $\times$   $3 1/2$ "D) — Unfolded. \*32g (1.1 oz).



## LEAF KEY PANEL

Magic touch leaf keys — Flat panel glides fingers over extra-size keys.



### SL-80

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Double-size  $\boxed{+}$  key.
- Amorphous silicon solar battery. \*7.7H  $\times$  98W  $\times$  60mmD ( $\frac{5}{16}$ "H  $\times$   $3\frac{7}{8}$ "W  $\times$   $2\frac{3}{8}$ "D) — Folded. 5.2H  $\times$  197W  $\times$  60mmD ( $\frac{3}{16}$ "H  $\times$   $7\frac{3}{4}$ "W  $\times$   $2\frac{3}{8}$ "D) — Unfolded. \*40 g (1.4 oz).

SUPER SOLAR



### SL-86

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Double-size  $\boxed{+}$  key.
- Amorphous silicon solar battery. \*7.5H  $\times$  70W  $\times$  76mmD ( $\frac{3}{16}$ "H  $\times$   $2\frac{3}{4}$ "W  $\times$   $3$ "D) — Folded. 5H  $\times$  70W  $\times$  157mmD ( $\frac{3}{16}$ "H  $\times$   $2\frac{3}{4}$ "W  $\times$   $6\frac{3}{16}$ "D) — Unfolded. \*38 g (1.3 oz).

SUPER SOLAR



## The Micro-card with Magic Touch Leaf Keys



### SL-8

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , automatic accumulation memory, mark-up  $\boxed{\%}$ .
- Function command signs.
- Amorphous silicon solar battery. \*7H  $\times$  74.5W  $\times$  52mmD ( $\frac{1}{4}$ "H  $\times$   $2\frac{7}{8}$ "W  $\times$   $2\frac{1}{16}$ "D) — Folded. 5H  $\times$  150W  $\times$  52mmD ( $\frac{3}{16}$ "H  $\times$   $5\frac{7}{8}$ "W  $\times$   $2\frac{1}{16}$ "D) — Unfolded. \*30 g (1.1 oz).

SOLAR



## Encased in Genuine Leather



### SL-81

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Amorphous silicon solar battery. \*9H  $\times$  101.5W  $\times$  68mmD ( $\frac{3}{8}$ "H  $\times$  4"W  $\times$   $2\frac{11}{16}$ "D) — Folded. 6.2H  $\times$  203W  $\times$  68mmD ( $\frac{1}{4}$ "H  $\times$  8"W  $\times$   $2\frac{11}{16}$ "D) — Unfolded. \*48 g (1.7 oz).

SUPER SOLAR



### SL-88

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Double-size  $\boxed{+}$  key.
- Amorphous silicon solar battery. \*11H  $\times$  98W  $\times$  63mmD ( $\frac{3}{8}$ "H  $\times$   $3\frac{7}{8}$ "W  $\times$   $2\frac{1}{2}$ "D) — Folded. 5.9H  $\times$  98W  $\times$  128mmD ( $\frac{1}{4}$ "H  $\times$   $3\frac{7}{8}$ "W  $\times$  5"D) — Unfolded. \*52 g (1.8 oz).

SUPER SOLAR



### SL-601

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Amorphous silicon solar battery. \*5.6H  $\times$  91.5W  $\times$  57.5mmD, 28 g ( $\frac{7}{32}$ "H  $\times$   $3\frac{3}{8}$ "W  $\times$   $2\frac{1}{4}$ "D, 1 oz).

SUPER SOLAR



### SL-702C

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Amorphous silicon solar battery. \*5.4H  $\times$  91.5W  $\times$  57.5mmD, 30 g ( $\frac{7}{32}$ "H  $\times$   $3\frac{3}{8}$ "W  $\times$   $2\frac{1}{4}$ "D, 1.1 oz).

SUPER SOLAR



## Designed with a Metallic Lustrous of Luxury

SUPER SOLAR



### SL-703

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Double-size  $\boxed{+}$  key.
- Amorphous silicon solar battery. \*5H  $\times$  91W  $\times$  57mmD, 44 g ( $\frac{3}{16}$ "H  $\times$   $3\frac{3}{8}$ "W  $\times$   $2\frac{1}{4}$ "D, 1.6 oz).

## The Modern Metallic Look!

SUPER SOLAR



### SL-723

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ .
- Function command signs.
- Amorphous silicon solar battery. \*5.6H  $\times$  57.5W  $\times$  91.5mmD, 29 g ( $\frac{7}{32}$ "H  $\times$   $2\frac{1}{4}$ "W  $\times$   $3\frac{3}{8}$ "D, 1 oz).

## Micro Solar Calculator

SOLAR



### SL-6

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , automatic accumulation memory, mark-up  $\boxed{\%}$ .
- Function command signs.
- Amorphous silicon solar battery. \*4.9H  $\times$  43.3W  $\times$  72.8mmD, 20 g ( $\frac{3}{16}$ "H  $\times$   $1\frac{11}{16}$ "W  $\times$   $2\frac{7}{8}$ "D, 0.7 oz).



**BATTERY TYPE**



*Big, Clear-view Display*



**LC-788**

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Auto power-off function. \*240 hours on two LR1120 batteries (700 hours on type SR1120 (G-8)). \*5.6H x 91.5W x 57.5mmD, 31g ( $7/32$ "H x  $3/8$ "W x  $2 1/4$ "D, 1.1 oz).

*Big, Clear-view Display*



**LC-787C**

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Auto power-off function. \*240 hours on two LR1120 batteries (700 hours on type SR1120 (G-8)). \*5.6H x 91.5W x 57.5mmD, 32g ( $7/32$ "H x  $3/8$ "W x  $2 1/4$ "D, 1.1 oz).

*Big, Clear-view Display*



**LC-798**

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Auto power-off function. \*370 hours on two LR1130 batteries (1,500 hours on type SR1130 (G-10)). \*6H x 57.5W x 91.5mmD, 26g ( $1/4$ "H x  $2 1/4$ "W x  $3/8$ "D, 1 oz).

*Big, Clear-view Display*



**LC-797**

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Auto power-off function. \*240 hours on two LR1120 batteries (700 hours on type SR1120 (G-8)). \*5.6H x 57.5W x 91.5mmD, 32g ( $7/32$ "H x  $2 1/4$ "W x  $3/8$ "D, 1.1 oz).

*3 Pleasant Melodies*



**ML-733**

- 11-note melody maker with three pre-programmed tunes. • 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Auto power-off function with memory retention. \*300 hours on two LR1130 batteries (1,400 hours on type SR1130 (G-10)) in the "CAL" mode. \*5.4H x 55W x 91mmD, 41g ( $7/32$ "H x  $2 1/8$ "W x  $3 5/8$ "D, 1.4 oz).

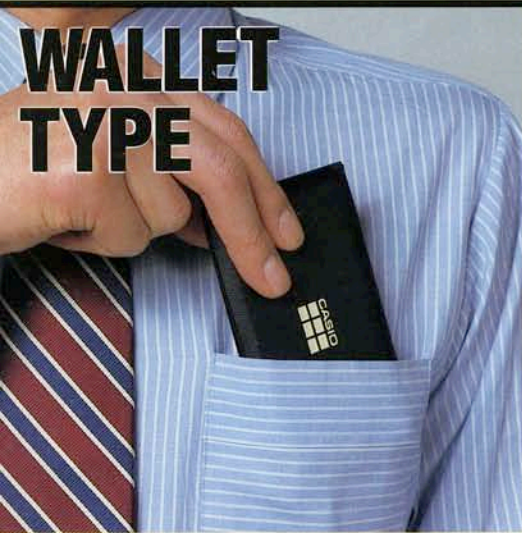
*The 10-digit Card! Full Decimal System!*



**LC-110**

- 10 digits (20-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (2) with round-off or cut-off. • Auto power-off function with memory retention. \*280 hours on two LR1130 batteries (1,130 hours on type SR1130 (G-10)). \*5H x 91W x 59mmD, 42g ( $3/16$ "H x  $3/8$ "W x  $2 1/4$ "D, 1.5 oz).

**WALLET TYPE**



**SOLAR POWER**



**SL-300G**

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Double-size  $\%$  key. \*Amorphous silicon solar battery. \*6.6H x 66.5W x 109.5mmD, 38.5g ( $1/4$ "H x  $2 5/8$ "W x  $4 1/4$ "D, 1.4 oz).



**SL-805B**

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Double-size  $\%$  key. \*Amorphous silicon solar battery. \*6.6H x 66.5W x 109.5mmD, 41g ( $1/4$ "H x  $2 5/8$ "W x  $4 1/4$ "D, 1.4 oz).

*The Spirit of Youth in Pleasant Pastel*



GY(GRAY)

BU(BLUE)

GN(GREEN)

PK(PINK)

**SL-806**

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ . • Function command signs.
- Double-size  $\%$  key. \*Amorphous silicon solar battery. \*6.6H x 66.5W x 109.5mmD, 40g ( $1/4$ "H x  $2 5/8$ "W x  $4 1/4$ "D, 1.4 oz).





# 20 LUX

**Ultra Sensitivity!**  
Works even by candlelight!



20 Lux Super Solar Cells  
Keep It Bright in Any Light.

**SUPER SOLAR**



SL-310



- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\square$ ,  $\square$ .
- Function command signs.
- Double-size  $\square$  key. \*Amorphous silicon solar battery. \*6.6H  $\times$  66.5W  $\times$  109.5mmD, 40g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{3}{8}$ "W  $\times$   $4\frac{1}{4}$ "D, 1.4 oz).

20 Lux for Twilight Power!

**SUPER SOLAR**



SL-820



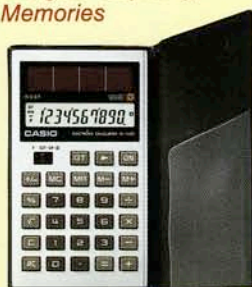
- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\square$ ,  $\square$ .
- Function command signs.
- Double-size  $\square$  key. \*Amorphous silicon solar battery. \*6.6H  $\times$  66.5W  $\times$  109.5mmD, 40g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{3}{8}$ "W  $\times$   $4\frac{1}{4}$ "D, 1.4 oz).

Extended Figure Capacity,  
Double Memories

**SUPER SOLAR**



SL-1000



- 10 digits (20-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$  quick corrections.
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- \*Amorphous silicon solar battery. \*6.8H  $\times$  68W  $\times$  119mmD, 62g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{3}{8}$ "W  $\times$   $4\frac{5}{8}$ "D, 2.2 oz).

Extended Figure Capacity,  
Double Memories

**SUPER SOLAR**



SL-2000



- 12 digits (24-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$  quick corrections.
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- \*Amorphous silicon solar battery. \*6.8H  $\times$  68W  $\times$  119mmD, 62g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{3}{8}$ "W  $\times$   $4\frac{5}{8}$ "D, 2.2 oz).

**FOLDABLE TYPE**

Giant Digits & Keys in a  
Fold-away!

**SUPER SOLAR**



SL-100N



- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\square$ ,  $\square$ .
- Function command signs.
- Double-size  $\square$  key. \*Amorphous silicon solar battery. \*14.3H  $\times$  124W  $\times$  71mmD ( $5/8$ "H  $\times$   $4\frac{7}{8}$ "W  $\times$   $2\frac{3}{4}$ "D) — Folded. 7.9H  $\times$  124W  $\times$  144mmD ( $5/16$ "H  $\times$   $4\frac{7}{8}$ "W  $\times$   $5\frac{5}{8}$ "D) — Unfolded. \*105g (3.7 oz).

Giant Digits & Keys in a Fold-away!

**SUPER SOLAR**



SL-110



- 10 digits (20-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ .
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Double-size  $\square$  key. \*Amorphous silicon solar battery. \*12.8H  $\times$  124W  $\times$  71mmD ( $1/2$ "H  $\times$   $4\frac{7}{8}$ "W  $\times$   $2\frac{3}{4}$ "D) — Folded. 6.9H  $\times$  124W  $\times$  144mmD ( $1/4$ "H  $\times$   $4\frac{7}{8}$ "W  $\times$   $5\frac{5}{8}$ "D) — Unfolded. \*91g (3.2 oz).

Giant Digits & Keys in a Fold-away!

**SUPER SOLAR**



SL-120



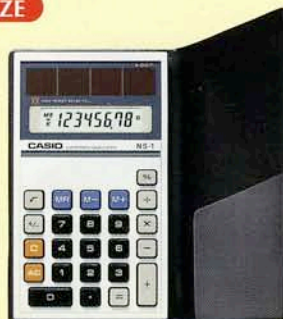
- 12 digits (24-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ .
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Double-size  $\square$  key. \*Amorphous silicon solar battery. \*12.8H  $\times$  124W  $\times$  71mmD ( $1/2$ "H  $\times$   $4\frac{7}{8}$ "W  $\times$   $2\frac{3}{4}$ "D) — Folded. 6.9H  $\times$  124W  $\times$  144mmD ( $1/4$ "H  $\times$   $4\frac{7}{8}$ "W  $\times$   $5\frac{5}{8}$ "D) — Unfolded. \*91g (3.2 oz).

**BIG SIZE**

**SUPER SOLAR**

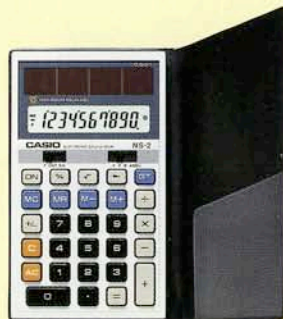


NS-1



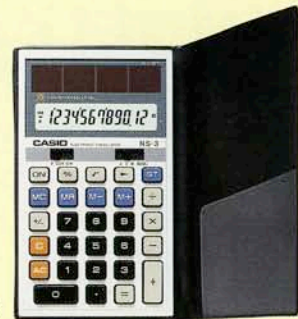
- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\square$ ,  $\square$ .
- Function command signs.
- Double-size  $\square$  key. \*Amorphous silicon solar battery. \*11H  $\times$  83W  $\times$  144mmD, 96g ( $7/16$ "H  $\times$   $3\frac{1}{4}$ "W  $\times$   $5\frac{5}{8}$ "D, 3.4 oz).

NS-2



- 10 digits (20-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$  quick corrections.
- Function command signs.
- 3-digit comma markers.
- Double-size  $\square$  key.
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*Amorphous silicon solar battery. \*11H  $\times$  83W  $\times$  144mmD, 101g ( $7/16$ "H  $\times$   $3\frac{1}{4}$ "W  $\times$   $5\frac{5}{8}$ "D, 3.6 oz).

NS-3



- 12 digits (24-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$  quick corrections.
- Function command signs.
- 3-digit comma markers.
- Double-size  $\square$  key.
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*Amorphous silicon solar battery. \*11H  $\times$  83W  $\times$  144mmD, 101g ( $7/16$ "H  $\times$   $3\frac{1}{4}$ "W  $\times$   $5\frac{5}{8}$ "D, 3.6 oz).





### BATTERY TYPE



LC-311E

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ .
- Function command signs.
- Auto power-off function.
- Double-size  $\pm$  key.
- \*360 hours on two LR1130 batteries (1,500 hours on type SR1130 (G-10)). \*6.9H  $\times$  66.5W  $\times$  109.5mmD, 43g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{5}{8}$ "W  $\times$   $4\frac{1}{4}$ "D, 1.5 oz).



LC-403B

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ .
- Function command signs.
- Auto power-off function.
- Double-size  $\pm$  key.
- \*360 hours on two LR1130 batteries (1,500 hours on type SR1130 (G-10)). \*6.9H  $\times$  66.5W  $\times$  109.5mmD, 46g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{5}{8}$ "W  $\times$   $4\frac{1}{4}$ "D, 1.6 oz).

### 3 Pleasant Melodies



ML-833

- 11-note melody maker with three pre-programmed tunes.
- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ .
- Function command signs.
- Auto power-off function with memory retention.
- \*300 hours on two LR1130 batteries (1,400 hours on type SR1130 (G-10)) in the "CAL" mode.
- \*7H  $\times$  68W  $\times$  114mmD, 61g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{5}{8}$ "W  $\times$   $4\frac{1}{2}$ "D, 2.2 oz).

### 10 Digits & Full Decimal System



LC-1023

- 10 digits (20-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ .
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Auto power-off function with memory retention.
- \*280 hours on two LR1130 batteries (1,140 hours on type SR1130 (G-10)). \*5.9H  $\times$  68W  $\times$  118mmD, 68g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{5}{8}$ "W  $\times$   $4\frac{1}{8}$ "D, 2.4 oz).

### 12 Digits & Full Decimal System



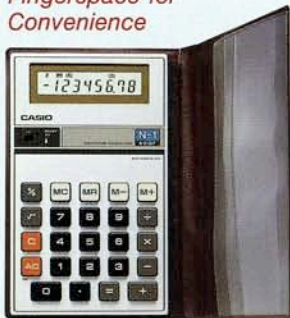
LC-1210

- 12 digits (24-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ .
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Auto power-off function with memory retention.
- \*280 hours on two LR1130 batteries (1,140 hours on type SR1130 (G-10)). \*5.9H  $\times$  68W  $\times$  118mmD, 68g ( $1\frac{1}{4}$ "H  $\times$   $2\frac{5}{8}$ "W  $\times$   $4\frac{1}{8}$ "D, 2.4 oz).

### BIG SIZE



Lots of Fingerspace for Keypad Convenience



N-1

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ .
- Function command signs.
- Auto power-off function with memory retention.
- \*1,200 hours on two LR44 batteries (3,500 hours on type SR44 (G-13)). \*10H  $\times$  83W  $\times$  138mmD, 92g ( $3\frac{1}{8}$ "H  $\times$   $3\frac{1}{4}$ "W  $\times$   $5\frac{7}{16}$ "D, 3.2 oz).

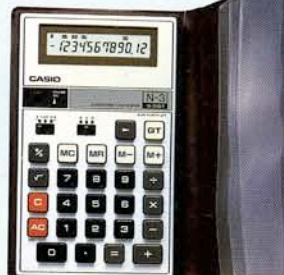
### More Digits, Double Memories!



N-2

- 10 digits (20-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\text{GT}$  (grand total) function, mark-up  $\%$ ,  $\square$ ,  $\square$  quick corrections.
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (0-4) with round-off or cut-off.
- Auto power-off function with memory retention (independent memory).
- \*750 hours on two LR44 batteries (1,900 hours on type SR44 (G-13)). \*10H  $\times$  83W  $\times$  138mmD, 96g ( $3\frac{1}{8}$ "H  $\times$   $3\frac{1}{4}$ "W  $\times$   $5\frac{7}{16}$ "D, 3.4 oz).

### More Digits, Double Memories!



N-3

- 12 digits (24-digit approximations), constants for  $+/-/\times/+$ , double memories including  $\text{GT}$  (grand total) function, mark-up  $\%$ ,  $\square$ ,  $\square$  quick corrections.
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (0-4) with round-off or cut-off.
- Auto power-off function with memory retention (independent memory).
- \*750 hours on two LR44 batteries (1,900 hours on type SR44 (G-13)). \*10H  $\times$  83W  $\times$  138mmD, 96g ( $3\frac{1}{8}$ "H  $\times$   $3\frac{1}{4}$ "W  $\times$   $5\frac{7}{16}$ "D, 3.4 oz).

## HANDY TYPE



### SOLAR POWER



HS-8

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ .
- Double-size  $\pm$  key.
- Function command signs.
- Amorphous silicon solar battery.
- \*13H  $\times$  70W  $\times$  128mmD, 55g ( $3\frac{1}{8}$ "H  $\times$   $2\frac{3}{4}$ "W  $\times$  5"D, 2.4 oz).

### Eye-angle Design

### NEW!



HS-9

- 8 digits (16-digit approximations), constants for  $+/-/\times/+$ , independent memory, mark-up  $\%$ ,  $\square$ .
- Function command signs.
- Double-size  $\pm$  key.
- Amorphous silicon solar battery.
- \*17.7H  $\times$  71.5W  $\times$  119mmD, 49g ( $3\frac{1}{8}$ "H  $\times$   $2\frac{3}{4}$ "W  $\times$   $4\frac{3}{4}$ "D, 1.7 oz).



## BATTERY TYPE



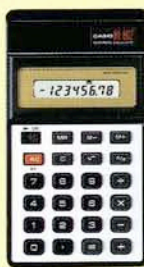
**LCD** Batteries Last and Last.



HL-811

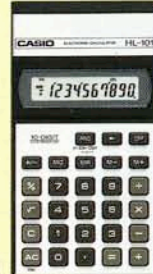
- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ . • Function command signs.
- Auto power-off function. \*10,000 hours on two AA size batteries (UM-3) (17,500 hours on type SUM-3). \*19.9H  $\times$  70.5W  $\times$  128.5mmD, 109g ( $1\frac{3}{16}$ "H  $\times$  2 $\frac{3}{4}$ "W  $\times$  5 $\frac{1}{16}$ "D, 3.8 oz).

HL-802



- 8 digits (16-digit approximations), constants for  $\times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ . • Function command signs.
- Auto power-off function. \*9,000 hours on two AA size batteries (UM-3) (11,000 hours on type SUM-3). \*20H  $\times$  75W  $\times$  137mmD, 117g ( $\frac{3}{4}$ "H  $\times$  3"W  $\times$  5 $\frac{3}{16}$ "D, 4.1 oz).

HL-101



- 10 digits (20-digit approximations) (HL-101)/12 digits (24-digit approximations) (HL-122), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ . • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (2) with round-off or cut-off. • Auto power-off function with memory retention. \*8,500 hours on two AA size batteries (UM-3) (16,000 hours on type SUM-3). \*19H  $\times$  76W  $\times$  142mmD, 125g ( $\frac{3}{4}$ "H  $\times$  3"W  $\times$  5 $\frac{5}{16}$ "D, 4.4 oz).

HL-122

## GREEN DISPLAY

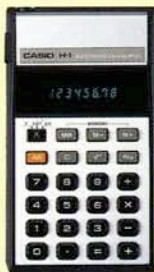
A Great Sales History!



PERSONAL  
M-1

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , automatic accumulation memory, mark-up  $\square$ ,  $\square$ . \*2-way power source: AC (AD-2S adaptor) or DC (two AA size batteries). \*22H  $\times$  75W  $\times$  124mmD, 137g ( $\frac{7}{16}$ "H  $\times$  3"W  $\times$  4 $\frac{7}{16}$ "D, 4.8 oz).

Full Decimal System



H-1

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ . • Full decimal system: Floating, fixed (2) with round-off or cut-off. \*2-way power source: AC (AD-2S adaptor) or DC (two AA size batteries). \*19.7H  $\times$  77W  $\times$  136mmD, 142g ( $\frac{3}{4}$ "H  $\times$  3"W  $\times$  5 $\frac{3}{16}$ "D, 5 oz).

Full Decimal System



H-2

- 10 digits (20-digit approximations) (H-2)/12 digits (24-digit approximations) (H-3), constants for  $\times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections. • 3-digit comma markers.
- Full decimal system: Floating, fixed (0-4) with round-off or cut-off. \*2-way power source: AC (AD-2S adaptor) or DC (two AA size batteries). \*23H  $\times$  85W  $\times$  142mmD, 164g ( $\frac{7}{16}$ "H  $\times$  3 $\frac{3}{16}$ "W  $\times$  5 $\frac{5}{16}$ "D, 5.8 oz).



H-3

# COMPACT DESK TYPE



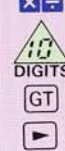
## SOLAR POWER

MINI DESK TYPE



MS-8

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ . • Function command signs.
- \*Amorphous silicon solar battery. \*27H  $\times$  106W  $\times$  129.5mmD, 106g ( $1\frac{1}{16}$ "H  $\times$  4 $\frac{1}{16}$ "W  $\times$  5"D, 3.7 oz).



MS-10



MS-20

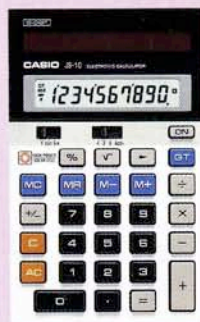
- 10 digits (20-digit approximations) (MS-10)/12 digits (24-digit approximations) (MS-20), constants for  $+/-/ \times / \div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections. • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (2) with round-off or cut-off. \*Amorphous silicon solar battery. \*27H  $\times$  106W  $\times$  129.5mmD, 110.5g ( $1\frac{1}{16}$ "H  $\times$  4 $\frac{1}{16}$ "W  $\times$  5"D, 3.9 oz).

## SEMI DESK TYPE



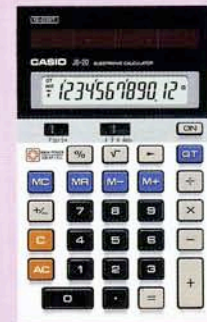
JS-8

- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ ,  $\square$ . • Function command signs.
- \*Amorphous silicon solar battery. \*23H  $\times$  102W  $\times$  165mmD, 175g ( $\frac{7}{16}$ "H  $\times$  4"W  $\times$  6 $\frac{1}{2}$ "D, 6.2 oz).



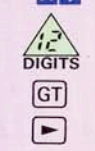
JS-10

- 10 digits (20-digit approximations), constants for  $+/-/ \times / \div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections. • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off or cut-off, and ADD mode. \*Amorphous silicon solar battery. \*23H  $\times$  102W  $\times$  165mmD, 182g ( $\frac{7}{16}$ "H  $\times$  4"W  $\times$  6 $\frac{1}{2}$ "D, 6.4 oz).



JS-20

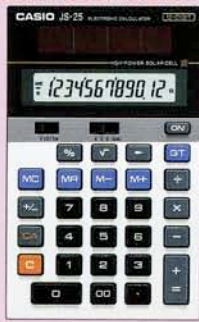
- 12 digits (24-digit approximations), constants for  $+/-/ \times / \div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections. • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off or cut-off, and ADD mode. \*Amorphous silicon solar battery. \*23H  $\times$  102W  $\times$  165mmD, 182g ( $\frac{7}{16}$ "H  $\times$  4"W  $\times$  6 $\frac{1}{2}$ "D, 6.4 oz).





Adding Machine for Quick Accumulation

**NEW!**



**SUPER SOLAR**

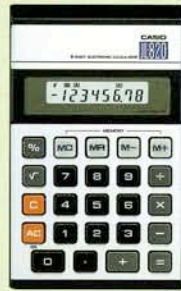


JS-25

• 12 digits (24-digit approximations), constants for  $\times/\div$ , double memories including  $\text{GT}$  (grand total) function, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ , quick corrections. • Function command signs ( $\times$ ,  $\div$ ). • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off or cut-off, and ADD mode. • Amorphous silicon solar battery. \*23H  $\times$  102W  $\times$  165mmD, 180g ( $7/8$ "H  $\times$  4"W  $\times$  6 1/2"D, 6.3oz).

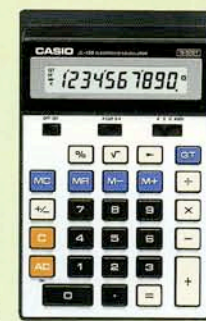
**BATTERY TYPE**

**SEMI DESK TYPE**



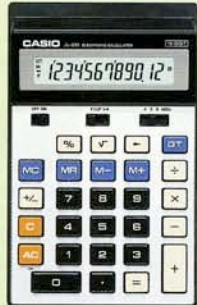
JL-820

• 8 digits (16-digit approximations), constants for  $+/-/\times/\div$ , independent memory, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ . • Function command signs. • Auto power-off function with memory retention. \*11,000 hours on two AA size batteries (UM-3) (14,000 hours on type SUM-3). \*20H  $\times$  93W  $\times$  152mmD, 170g ( $3/4$ "H  $\times$  3 5/8"W  $\times$  6"D, 6oz).



JL-130

• 10 digits (20-digit approximations), constants for  $+/-/\times/\div$ , double memories including  $\text{GT}$  (grand total) function, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ , quick corrections. • Function command signs. • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off or cut-off, and ADD mode. • Auto power-off function with memory retention (independent memory). \*6,500 hours on two AA size batteries (UM-3) (11,000 hours on type SUM-3). \*25.5H  $\times$  102W  $\times$  165mmD, 209g (1"H  $\times$  4"W  $\times$  6 1/2"D, 7.4oz).



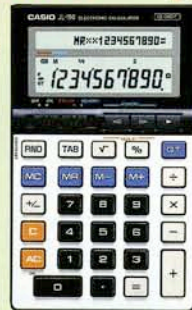
JL-210

• 12 digits (24-digit approximations), constants for  $+/-/\times/\div$ , double memories including  $\text{GT}$  (grand total) function, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ , quick corrections. • Function command signs. • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off or cut-off, and ADD mode. • Auto power-off function with memory retention (independent memory). \*6,500 hours on two AA size batteries (UM-3) (11,000 hours on type SUM-3). \*25.5H  $\times$  102W  $\times$  165mmD, 209g (1"H  $\times$  4"W  $\times$  6 1/2"D, 7.4oz).

**REPLAY CALCULATOR**

**NEW!**

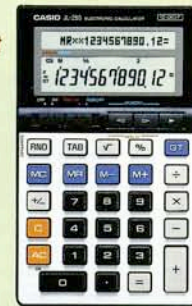
Replay Function and 3 Independent Memories



JL-150

• Double display for confirmation or correction of calculation formulas • 10 digits (20-digit approximations), constants for  $+/-/\times/\div$ , three independent memories,  $\text{GT}$  (grand total) function, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ , quick corrections. • Function command signs. • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off, round-up or cut-off, and ADD mode. • Auto power-off function with memory retention. \*110 hours on two lithium batteries (CR2025C). \*23H  $\times$  102W  $\times$  168mmD, 206g ( $7/8$ "H  $\times$  4"W  $\times$  6 5/8"D, 7.3oz).

Replay Function and 3 Independent Memories



JL-250

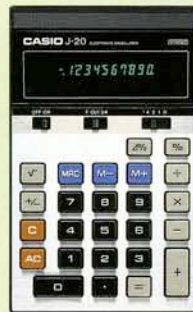
• Double display for confirmation or correction of calculation formulas • 12 digits (24-digit approximations), constants for  $+/-/\times/\div$ , three independent memories,  $\text{GT}$  (grand total) function, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ , quick corrections. • Function command signs. • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off, round-up or cut-off, and ADD mode. • Auto power-off function with memory retention. \*110 hours on two lithium batteries (CR2025C). \*23H  $\times$  102W  $\times$  168mmD, 206g ( $7/8$ "H  $\times$  4"W  $\times$  6 5/8"D, 7.3oz).

**GREEN DISPLAY**



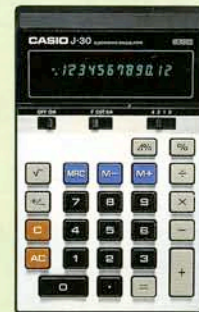
J-10

• 8 digits (16-digit approximations), constants for  $+/-/\times/\div$ , independent memory, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ . • Full decimal system: Floating, fixed (0-4) with round-off or cut-off. • 2-way power source: AC (AD-2S adaptor) or DC (two AA size batteries). \*33H  $\times$  102W  $\times$  165mmD, 230g (1 1/4"H  $\times$  4"W  $\times$  6 1/2"D, 8.1oz).



J-20

• 10 digits (20-digit approximations), constants for  $\times/\div$ , independent memory, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ . • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off or cut-off. • 2-way power source: AC (AD-2S adaptor) or DC (two AA size batteries). \*33H  $\times$  102W  $\times$  165mmD, 232g (1 1/4"H  $\times$  4"W  $\times$  6 1/2"D, 8.2oz).



J-30C

• 12 digits (24-digit approximations), constants for  $\times/\div$ , independent memory, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ . • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off or cut-off. • 2-way power source: AC (AD-2S adaptor) or DC (two AA size batteries). \*33H  $\times$  102W  $\times$  165mmD, 237g (1 1/4"H  $\times$  4"W  $\times$  6 1/2"D, 8.4oz).



**DESK-TOP TYPE**

**SOLAR POWER**

New Design! Eye-angle Display

**NEW!**

**SUPER SOLAR**



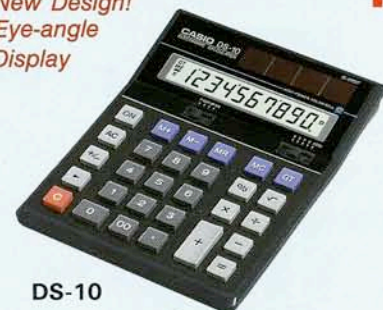
DS-8

• 8 digits (16-digit approximations), constants for  $+/-/\times/\div$ , independent memory, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ . • Function command signs. • Amorphous silicon solar battery. \*32H  $\times$  135W  $\times$  175mmD, 230g (1 1/4"H  $\times$  5 3/8"W  $\times$  6 7/8"D, 8.1oz).

New Design! Eye-angle Display

**NEW!**

**SUPER SOLAR**



DS-10

• 10 digits (20-digit approximations), constants for  $+/-/\times/\div$ , double memories including  $\text{GT}$  (grand total) function, mark-up  $\text{M}\%$ ,  $\text{M}\%$ ,  $\text{M}\%$ , quick corrections. • Function command signs. • 3-digit comma markers. • Full decimal system: Floating, fixed (0-4) with round-off, round-up or cut-off, and ADD mode. • Amorphous silicon solar battery. \*32H  $\times$  135W  $\times$  175mmD, 240g (1 1/4"H  $\times$  5 3/8"W  $\times$  6 7/8"D, 8.5oz).



New Design!  
Eye-angle  
Display

**NEW!**



**SUPER SOLAR**

12 DIGITS

GT

▶

DS-20

- 12 digits (24-digit approximations), constants for  $+/-$ / $\times$ / $\div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  fast corrections. • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 4) with round-off, round-up or cut-off, and ADD mode.
- \*Amorphous silicon solar battery. \*32H  $\times$  135W  $\times$  175mmD, 240g (1 1/4"H  $\times$  5 3/8"W  $\times$  6 7/8"D, 8.5 oz).

Big & Bright  
Display & Keys

**SUPER SOLAR**



10 DIGITS

GT

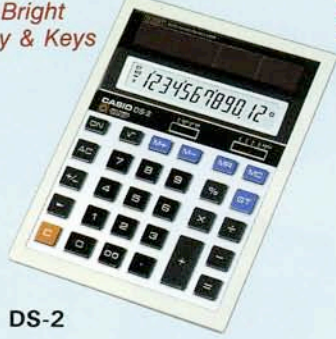
▶

DS-1

- 10 digits (20-digit approximations), constants for  $+/-$ / $\times$ / $\div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections. • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 4) with round-off, round-up or cut-off, and ADD mode.
- \*Amorphous silicon solar battery. \*37H  $\times$  142W  $\times$  194mmD, 354g (1 1/2"H  $\times$  5 5/8"W  $\times$  7 7/8"D, 12.5 oz).

Big & Bright  
Display & Keys

**SUPER SOLAR**



12 DIGITS

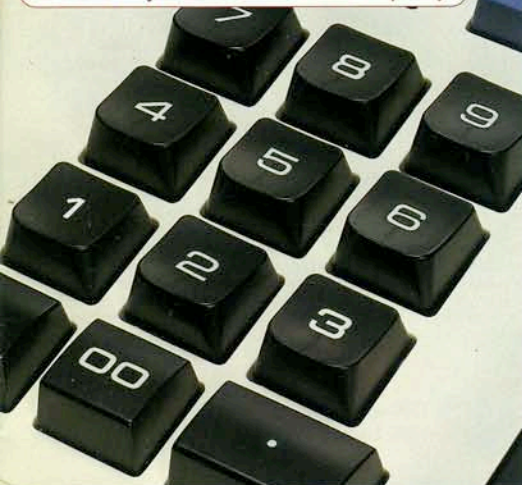
GT

▶

DS-2

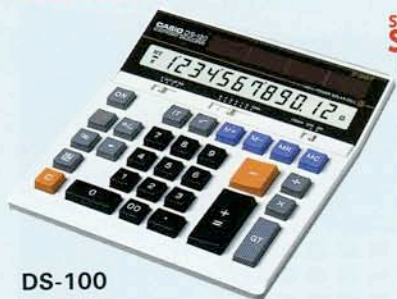
- 12 digits (24-digit approximations), constants for  $+/-$ / $\times$ / $\div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections. • Function command signs.
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 4) with round-off, round-up or cut-off, and ADD mode.
- \*Amorphous silicon solar battery. \*37H  $\times$  142W  $\times$  194mmD, 354g (1 1/2"H  $\times$  5 5/8"W  $\times$  7 7/8"D, 12.5 oz).

Dished Keys Give Sure-touch Rapidity



Adding Machine for Quick  
Accumulation

**NEW!**



10 DIGITS

GT

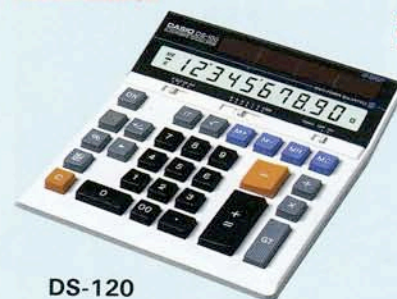
▶

DS-100

- 10 digits (20-digit approximations), constants for  $\times$ / $\div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections, item counter. • Function command signs ( $\times$ ,  $\div$ ).
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode.
- \*Amorphous silicon solar battery. \*45H  $\times$  185W  $\times$  188.5mmD, 508g (1 3/4"H  $\times$  7 1/4"W  $\times$  7 3/8"D, 1.1 lbs).

Adding Machine for Quick  
Accumulation

**NEW!**



12 DIGITS

GT

▶

DS-120

- 12 digits (24-digit approximations), constants for  $\times$ / $\div$ , double memories including  $\square$  (grand total) function, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections, item counter. • Function command signs ( $\times$ ,  $\div$ ).
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode.
- \*Amorphous silicon solar battery. \*45H  $\times$  185W  $\times$  188.5mmD, 508g (1 3/4"H  $\times$  7 1/4"W  $\times$  7 3/8"D, 1.1 lbs).

**BATTERY TYPE**

Easy-to-read Green Display

10 DIGITS

▶



S-1

- 10 digits (20-digit approximations), constants for  $\times$ / $\div$ , independent memory, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections.
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode.
- \*2-way power source: AC (AD-4145 adaptor) or DC (four AA size batteries). \*45H  $\times$  133W  $\times$  170.5mmD, 357g (1 3/4"H  $\times$  5 1/4"W  $\times$  6 3/4"D, 12.6 oz).

Easy-to-read Green Display

12 DIGITS

▶



S-2

- 12 digits (24-digit approximations), constants for  $\times$ / $\div$ , independent memory, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections.
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode.
- \*2-way power source: AC (AD-4145 adaptor) or DC (four AA size batteries). \*45H  $\times$  133W  $\times$  170.5mmD, 360g (1 3/4"H  $\times$  5 1/4"W  $\times$  6 3/4"D, 12.7 oz).

Adding Machine for Quick  
Accumulation

10 DIGITS

GT

▶



FN-10

- 10 digits (20-digit approximations), constants for  $\times$ / $\div$ , independent memory, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections, item counter. • Function command signs ( $\times$ ,  $\div$ ).
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode.
- \*2-way power source: AC (AD-4160 adaptor) or DC (two D-size batteries). \*75H  $\times$  197W  $\times$  243mmD, 932g (3"H  $\times$  7 3/4"W  $\times$  9 5/8"D, 2.1 lbs).

Adding Machine for Quick  
Accumulation

12 DIGITS

GT

▶



FN-20

- 12 digits (24-digit approximations), constants for  $\times$ / $\div$ , independent memory, mark-up  $\square$ ,  $\square$ ,  $\square$ ,  $\square$  quick corrections, item counter. • Function command signs ( $\times$ ,  $\div$ ).
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode.
- \*2-way power source: AC (AD-4160 adaptor) or DC (two D-size batteries). \*75H  $\times$  197W  $\times$  243mmD, 932g (3"H  $\times$  7 3/4"W  $\times$  9 5/8"D, 2.1 lbs).

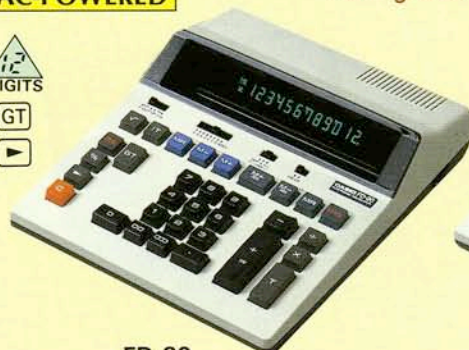
**AC-POWERED**

Adding Machines for Quick Accumulation

12 DIGITS

GT

▶



FD-20



FD-30

15 DIGITS

GT

▶

- 12 digits (FD-20)/15 digits (FD-30), constants for  $\times$ / $\div$ , 2 independent memories, total/grand total, mark-up  $\square$ ,  $\square$ ,  $\square$  quick corrections, item counter,  $\square$ ,  $\square$ .
- 3-digit comma markers. • Full decimal system: Floating, fixed (0 — 8) with round-off, round-up or cut-off, and ADD mode.
- \*Power source: AC \*75H  $\times$  213W  $\times$  261mmD, 1.3kg (3"H  $\times$  8 3/8"W  $\times$  10 1/4"D, 2.9 lbs).



# DIGITAL DIARY

The Ultimate in Diaries — Any Day's Schedule in 200 Years!

Schedule display

NEW!



16 characters by 4 lines



SF-3000

- Memory capacity: 1,497 characters (9,689 with the optional RP-8 RAM pack, 17,881 with the optional RP-16 RAM pack).
- Schedule function with time sort.
- Full month calendar (Jan. 1901 — Dec. 2099) — any day's schedule recalled from full-month calendar display.
- Power source: Calculation/display — 3 lithium batteries (CR2032C). Memory protection — 1 lithium battery (CR1220).
- Battery life: Main power source — approximately 120 hours (continuous use). Memory protection battery — approximately 2 years.
- \*17.2H x 126W x 67mmD (5/8"H x 5"W x 2 3/8"D) — Folded. 8.6H x 126W x 134mmD (3/8"H x 5"W x 5 1/4"D) — Unfolded. \*150g (5.3 oz).



RP-8 (8K bytes)



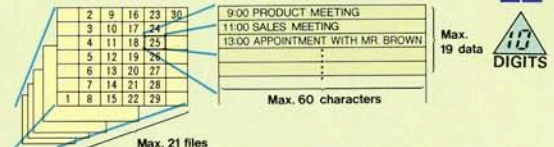
RP-16 (16K bytes)

# DATA BANK

Mono-tap Data Recall & Multi-form Files

File Configuration of the PF-3200

Example: Monthly Schedule (Nov. 1986)



PF-3200

Magic Touch Leaf Keys

- TEL function •MEMO function •SECRET function •EDIT function
- CROSS-TOTALLING function •Memory capacity: 1,000 characters (3,048 with the optional OR-20 RAM pack, 5,096 with the optional OR-40 RAM pack).
- Power source: Calculation/display — 2 lithium batteries (CR2032). Memory protection — 1 lithium battery (CR1220).
- Battery life: Main power source — approximately 400 hours (continuous use). Memory protection battery — approximately 2 years.
- \*13H x 84.5W x 141mmD (1/2"H x 3 3/8"W x 5 1/2"D) — Folded. 9.5H x 174W x 141mmD (3/8"H x 6 7/8"W x 5 1/2"D) — Unfolded. \*154g (5.4 oz).
- \*Comes with file sheets.



OR-20 (2K bytes)



OR-40 (4K bytes)

A Deskful of Information, Right in Your Pocket.

Carry Around "Filing Cabinet" Memories



PF-3100

Magic Touch Leaf Keys

- Memory capacity: 961 characters (approx. 50 names and tel. nos), 3,009 characters (approx. 150 names and tel. nos) with the optional OR-20 RAM pack, 5,057 characters (approx. 250 names and tel. nos) with the optional OR-40 RAM pack.
- TEL function •MEMO function •FILE function with ranking •SECRET function •EDIT function •COMMAND function
- Power source: Calculation/display — 2 lithium batteries (CR2032). Memory protection — 1 lithium battery (CR1220).
- Battery life: Main power source — approx. 350 hours (continuous use). Memory protection battery — approx. 2 years.
- \*12.1H x 84W x 140.5mmD (1/2"H x 3 3/8"W x 5 1/2"D) — Folded. 9.4H x 171.5W x 140.5mmD (3/8"H x 6 3/4"W x 5 1/2"D) — Unfolded. \*140g (4.9 oz).



OR-20 (2K bytes)



OR-40 (4K bytes)



PF-7000

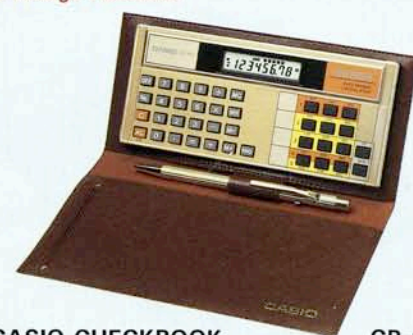
Magic Touch Leaf Keys

- Memory capacity: 1985 characters (approx. 100 names and tel. nos).
- TEL function •MEMO function •SECRET function •EDIT function •COMMAND function
- Power source: Calculation/display — 2 lithium batteries (CR2025C). Memory protection — 1 lithium battery (CR1220).
- Battery life: Main power source — approx. 250 hours (continuous use). Memory protection battery — approx. 2 years.
- \*11H x 108W x 65mmD (7/16"H x 4 1/4"W x 2 1/2"D) — Folded. 8.5H x 108W x 136mmD (1 1/32"H x 4 1/4"W x 5 3/8"D) — Unfolded. \*85g (3 oz).

# CHECKBOOK CALCULATOR

5 Non-loss Memories for Balancing Checkbook and Charge Accounts

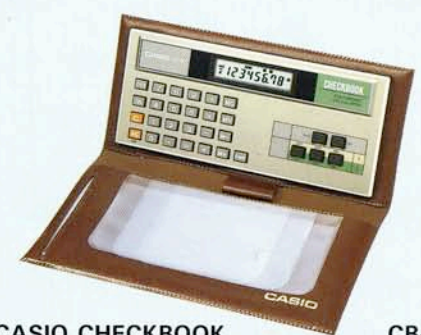
No More Fuzzy Finances!



CASIO CHECKBOOK

CB-100

- 8 digits (16-digit approximations), constants for +/—/×/÷, independent memory, mark-up  $\square$ .
- Function command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode.
- \*1,000 hours on one lithium battery (CR2025C).
- \*5.4H x 157W x 70mmD, 72g (7/32"H x 6 1/4"W x 2 3/4"D, 2.5 oz).
- \*Comes with a ball-point pen.



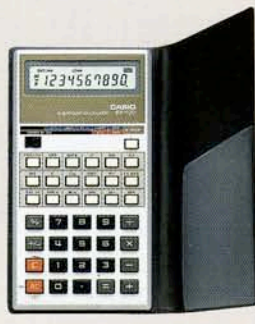
CASIO CHECKBOOK

CB-80

- 8 digits (16-digit approximations), constants for +/—/×/÷, independent memory, mark-up  $\square$ .
- Function command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode.
- \*1,500 hours on one lithium battery (CR2025C).
- \*7H x 157W x 70mmD, 69g (1/4"H x 6 1/4"W x 2 3/4"D, 2.4 oz).



# FINANCE CONSULTANT

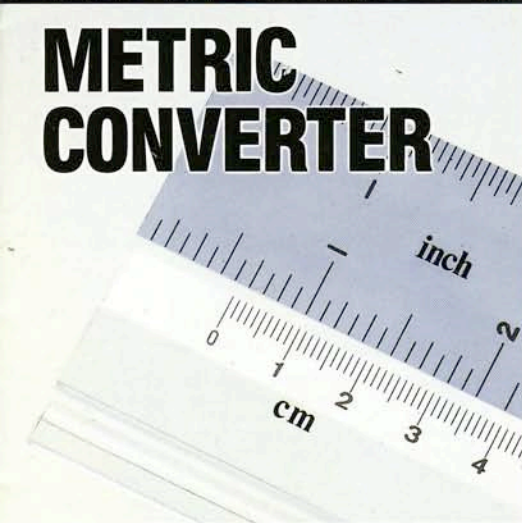


## Business Finance

### BF-100

- 10 digits (20-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ , log,  $x^y$ ,  $\square$ , date calculations.
- Financial calculations: compound interest calculations, loan calculations, annual payments, bonus payments, installment savings, deferred annuity present values.
- Auto power-off function with memory retention (independent memory and financial data).
- \* 1,300 hours on one lithium battery (CR2025). \* 8.7H x 71.5W x 134mmD, 60g ( $\frac{3}{8}$ "H x  $2\frac{7}{8}$ "W x  $5\frac{1}{4}$ "D, 2.1oz).

# METRIC CONVERTER



## 40 Conversions & Random Conversion Memory

### MC-801S



- 40 conversion functions (20 metrics, 20 reversible) including lengths, weights, areas, volumes and temperatures.
- Random conversion memory for any conversions such as currencies ...
- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ .
- Function command signs.
- \* Amorphous silicon solar battery. \* 7H x 61.5W x 107.5mmD, 44g ( $\frac{1}{4}$ "H x  $2\frac{3}{8}$ "W x  $4\frac{1}{4}$ "D, 1.6oz).

## 40 Conversions

## Magic Touch Leaf Keys



### MC-40S CARD TYPE

- 40 conversion functions (20 metrics, 20 reversible) including lengths, weights, areas, volumes and temperatures.
- 8 digits (16-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ .
- Function command signs.
- \* Amorphous silicon solar battery. \* 6.6H x 98W x 60mmD ( $\frac{1}{4}$ "H x  $3\frac{7}{8}$ "W x  $2\frac{3}{8}$ "D) — Folded. 4.8H x 197W x 60mmD ( $\frac{3}{16}$ "H x  $7\frac{3}{4}$ "W x  $2\frac{3}{8}$ "D) — Unfolded. \* 46g (1.6oz).

in—cm	Inch—Centimeter	yd <sup>3</sup> —m <sup>3</sup>	Square yard—Square meter	ft <sup>3</sup> —m <sup>3</sup>	Cubic foot—Cubic meter	lb—kg	Pound—Kilogram
in <sup>2</sup> —cm <sup>2</sup>	Square inch—Square centimeter	mile—km	Mile—Kilometer	acre—ha	Acre—Hectare	UK fl oz—mf	Imperial fluid ounce—Milliliter
ft—m	Foot—Meter	mile <sup>2</sup> —km <sup>2</sup>	Square mile—Square kilometer	fl. oz—mf	U. S. fluid ounce—Milliliter	UK ton—kg	UK ton—Kilogram
ft <sup>2</sup> —m <sup>2</sup>	Square foot—Square meter	in <sup>3</sup> —cm <sup>3</sup>	Cubic inch—Cubic centimeter	oz—g	Ounce—Gram	UK gal—l	Imperial gallon—Liter
yd—m	Yard—Meter	acre—m <sup>2</sup>	Acre—Square meter	gal—l	U. S. gallon—Liter	*F—°C	Fahrenheit—Centigrade

# MATH PET

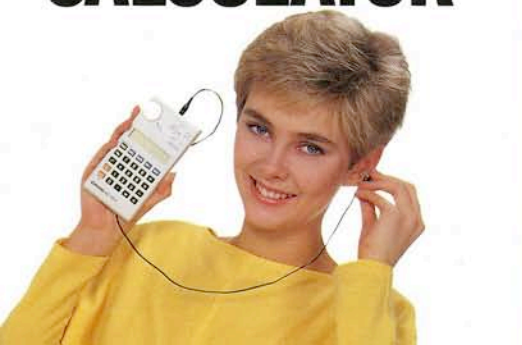


## Math is So Much Fun!

### MP-500

- Arithmetic practice (approx. 30,000 problems)
- Multiplication tables
- Find-the-missing-number practice (approx. 60,000 problems)
- Arithmetic game (approx. 20,000 problems)
- Clock
- Stopwatch
- \* 10,000 hours on two AA size batteries (UM-3) (13,000 hours on type SUM-3) in the "PRACTICE" mode. \* 28.7H x 93W x 143mmD, 130g ( $1\frac{1}{8}$ "H x  $3\frac{3}{8}$ "W x  $5\frac{5}{8}$ "D, 4.6oz).

# RADIO-CALCULATOR



## A New Radio/Calculator Combination!



### RC-1200

#### [RADIO]

- Receiving mode: AM (MW)
- Bandwidth frequency: 504 — 1,643 KHz
- Antenna: Ferrite bar (built-in)
- Monitoring mode: Earphone
- \* 17 hours on two LR44 batteries (24 hours on type SR44 (G-13)).

#### [CALCULATOR]

- 12 digits (24-digit approximations), constants for  $+/-/ \times / \div$ , independent memory, mark-up  $\square$ ,  $\square$ ,  $\square$ .
- Function command signs.
- 3-digit comma markers.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Auto power-off function with memory retention.
- \* 1,000 hours on two LR44 batteries (2,400 hours on type SR44 (G-13)). \* 16.9H x 72.5W x 138mmD, 90g ( $\frac{5}{8}$ "H x  $2\frac{7}{8}$ "W x  $5\frac{3}{8}$ "D, 3.2oz).



# CLOCK-CALCULATOR COMBINATIONS



CARD TYPE

*It Delivers Time, Too!*



PW-61

●Clock ●Calculator \*1 year on one lithium battery (CR2025C). \*4.9H × 91W × 59mmD, 38g (9/16"H × 3 5/8"W × 2 1/4"D, 1.4oz).



*Clock, Alarm & Stopwatch*



PW-70

●Clock ●Alarm ●Stopwatch ●Hourly time signal ●Calculator \*1 year on one lithium battery (CR2025C). \*5.9H × 59W × 92mmD, 37g (1/4"H × 2 1/4"W × 3 5/8"D, 1.3oz).



CARD TYPE

*The Timepiece Styled for Utility*



PW-100

●Clock ●Calculator \*1 year on one lithium battery (CR2025C). \*4.1H × 86W × 54mmD, 28.5g (5/32"H × 3 3/8"W × 2 1/8"D, 1.0z).



CARD TYPE

*Timecard Has Never Looked So Good*



PW-150

●Clock ●Alarm ●Hourly time signal ●Calculator \*1 year on one lithium battery (CR2025C). \*4.1H × 86W × 54mmD, 29.5g (5/32"H × 3 3/8"W × 2 1/8"D, 1.0z).



CARD TYPE

*Clock & 9 Melody Alarms*



ML-78

●11-note melody maker ●9 pre-programmed melodies — Alarm-1: 7 tunes, a different one is played everyday. Alarm-2: Fixed melody. "Jingle bells" for Xmas. ●Clock ●Calendar ●Stopwatch ●Hourly time signal ●Calculator \*1 year on one lithium battery (CR2025C). \*5.9H × 59W × 92mmD, 41g (1/4"H × 2 1/4"W × 3 5/8"D, 1.4oz).



*A Clock, Alarm and BIG 12-digit Figures.*



AQ-4000

●Clock ●Calendar ●Alarm ●Countdown alarm ●Stopwatch ●Hourly time signal ●Calculator \*1 year on two SR1130 (G-10) batteries. \*6.5H × 68W × 113.7mmD, 59g (1/4"H × 2 5/8"W × 4 1/2"D, 2.1oz).

*Clock, 3 Melody Alarms & Full-month Calendar*



B(BLACK)

MQ-200

●11-note melody maker ●3 melody alarms: 3 daily alarms, or a daily alarm plus 2 time alarms on preset dates. ●Clock ●Full-month calendar ●Date memories: Any significant dates settable by memory-marks on the calendar — holidays, birthdays, etc. ●Countdown alarm



A(RED)

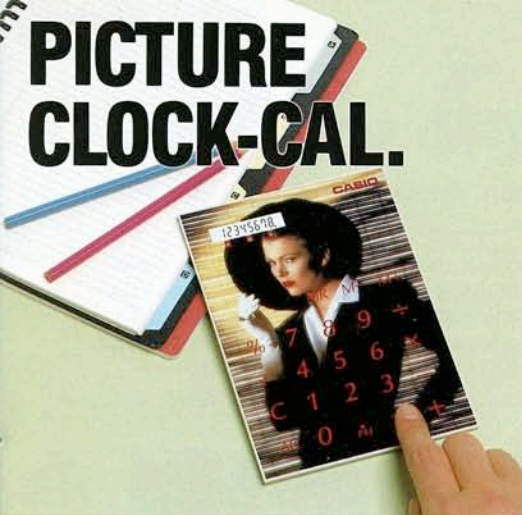
●Stopwatch ●Hourly time signal ●Calculator ●Variable volume control ●Illumination light for night viewing \*15 months on three AA size batteries (UM-3) (20 months on type SUM-3). \*40H × 150W × 70mmD, 202g (1 5/16"H × 6"W × 2 3/4"D, 7.1oz).



Model	Clock	Calendar	Date memory	Full-month calendar	Alarm	Melody alarm	Countdown alarm	Stopwatch	Hourly time signal	11-note melody maker	No. of melodies	Volume control	Illumination light
PW-61	○												
PW-70	○				○			○	○				
PW-100	○												
PW-150	○				○				○				
ML-78	○	○				2		○	○	○	9		
AQ-4000	○	○			○		○	○	○				
MQ-200	○	○	○	○		3	○	○	○	○	3	○	○



# PICTURE CLOCK-CAL.



D-60BA



D-60AU



D-60AV



It stands on a desk ...



hangs on a wall ...

**D-60** ●Clock ●8 digits (16-digit approximations), constants for  $+/-/\times/÷$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ . ●Function command signs. \*1 year on one lithium battery (CR2025C). \*5H  $\times$  128W  $\times$  180mmD, 98g ( $\frac{3}{16}$ "H  $\times$  5"W  $\times$  7 $\frac{1}{8}$ "D, 3.5oz).

Various Picture Selections Available



# CLIP CALCULATOR



What a Clever Clip!



PK-10

●8 digits (16-digit approximations), constants for  $+/-/\times/÷$ , automatic accumulation memory, mark-up  $\boxed{\%}$ . ●Function command signs. \*Amorphous silicon solar battery. \*22H  $\times$  54W  $\times$  89mmD, 45g ( $\frac{7}{16}$ "H  $\times$  2 $\frac{1}{8}$ "W  $\times$  3 $\frac{1}{2}$ "D, 1.8oz).



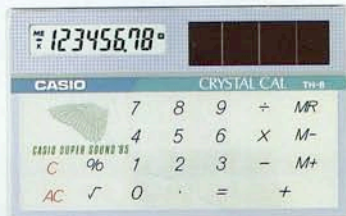
Big wide jaws give a firm grip on everything.



Rear wall mounting makes an ideal memo clip.



# CRYSTAL CALCULATOR



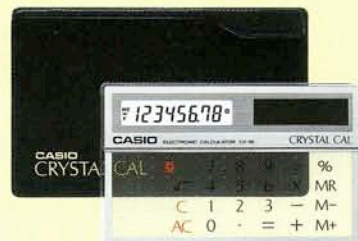
The Crystal Clear Look in Pocket Calculators.



TH-8

GY (GRAY)

A Novel New Calculator with Keys Inset in Crystal-view Panel.



TH-10

## Adaptable for Promotion or Personalization

Stick your own picture, message or company logo on the back for advertising premiums, presents or presentations.

●8 digits (16-digit approximations), constants for  $+/-/\times/÷$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ . ●Double-size  $\boxed{\%}$  key. ●Function command signs. \*Amorphous silicon solar battery. \*2.9H  $\times$  85.5W  $\times$  54mmD, 15g ( $\frac{1}{16}$ "H  $\times$  3 $\frac{3}{8}$ "W  $\times$  2 $\frac{1}{8}$ "D, 0.6oz).

●8 digits (16-digit approximations), constants for  $+/-/\times/÷$ , independent memory, mark-up  $\boxed{\%}$ ,  $\boxed{\square}$ . ●Function command signs. \*Amorphous silicon solar battery. \*5H  $\times$  106.5W  $\times$  68.5mmD, 43g ( $\frac{3}{16}$ "H  $\times$  4 $\frac{9}{16}$ "W  $\times$  2 $\frac{3}{4}$ "D, 1.5oz).

## ACCESSORIES AND OPTIONS

	Model	Applicable Models
AC-Adaptor	AD-2S	PERSONAL M-1/H-1/H-2/H-3/J-10/J-20/J-30C
	AD-4145	S-1/S-2
	AD-4160	FN-10/FN-20/PT-1/PT-20/VL-1
Battery	CR2016	DC-100/DC-500/DC-600/DC-700/CV-700/CB-700
	CR2025	BF-100
	CR2025C	D-60/AQ-3000/PW-61/PW-70/PW-100/PW-150/ML-78/CB-80/CB-100/PF-7000/JL-150/JL-250
	CR2032	PF-8000/PF-3100/PF-3200
	CR2032C	SF-3000
	CR1220	PF-8000/PF-3100/PF-7000/SF-3000
	LR1120 (SR1120)	LC-787C/LC-797/LC-852
	LR1130 (SR1130)	AQ-4000/ML-733/LC-110/LC-311C/LC-311E/LC-403/LC-403B/LC-788/LC-798/ML-833/LC-1023/LC-1210
	LR44 (SR44)	AQ-1700/N-1/N-2/N-3/RC-1200
	AA	MQ-200/HL-810/HL-811/HL-805/HL-802/HL-101/HL-122/PERSONAL M-1/H-1/H-2/H-3/J-10/J-20/J-30C/JL-820/JL-130/JL-210/S-1/S-2/PT-20/VL-1/MP-500
	D	FN-10/FN-20



**HANDY TYPE**

**C-POWER**

**C-POWER—SUPERIOR TO SOLAR POWER!**

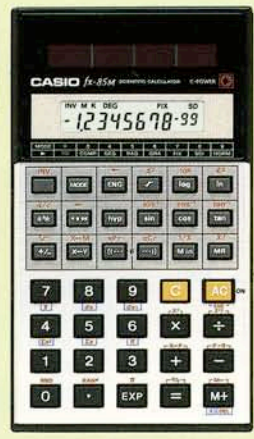
The anywhere calculators, that retain memory in complete darkness.

Casio's newly developed C-POWER system is an advancement beyond conventional solar power technology. This system makes it possible to operate calculators any place even in complete darkness; you don't have to worry about the battery or the light conditions. And, of course, the memory is completely protected. The new C-POWER system will certainly be able to satisfy all your needs.

**SCIENTIFIC CALCULATOR**



**53**  
SCIENTIFIC  
FUNCTIONS  
**8+2**  
DIGITS

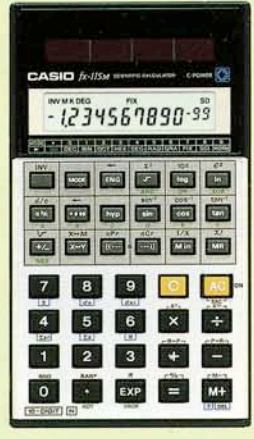


*fx-85M*

- True algebraic logic operation
- 18 levels of parentheses \*C-POWER protects memory no matter what the light conditions. \*16H x 76W x 135mmD, 72g (5/8"H x 3"W x 5 3/8"D, 2.5oz).
- Standard deviations

**C-POWER**  
Works with or without light

**71**  
SCIENTIFIC  
FUNCTIONS  
**10+2**  
DIGITS



*fx-115M*

- Base conversions/calculations
- Logical operations
- True algebraic logic operation
- Standard deviations
- 18 levels of parentheses \*C-POWER protects memory no matter what the light conditions. \*16H x 76W x 135mmD, 72g (5/8"H x 3"W x 5 3/8"D, 2.5oz).

**BATTERY TYPE**

**GREEN DISPLAY**

Easy-to-read Green Display

**40**  
SCIENTIFIC  
FUNCTIONS  
**6+2**  
DIGITS



*fx-39*

- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses \*3-way power source: AC (AD-4145 adaptor), rechargeable battery pack (NP-2M) or two AA size batteries. \*22.5H x 84W x 152mmD, 177g (7/8"H x 3 3/8"W x 6"D, 6.3oz).

Easy-to-read Green Display

**40**  
SCIENTIFIC  
FUNCTIONS  
**8+2**  
DIGITS



*fx-140*

- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses \*3-way power source: AC (AD-4145 adaptor), rechargeable battery pack (NP-2M) or two AA size batteries. \*22.5H x 84W x 152mmD, 178g (7/8"H x 3 3/8"W x 6"D, 6.3oz).

Easy-to-read Green Display

**45**  
SCIENTIFIC  
FUNCTIONS  
**8+2**  
DIGITS



*fx-120*

- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses \*3-way power source: AC (AD-4145 adaptor), rechargeable battery pack (NP-2M) or two AA size batteries. \*24.5H x 84W x 162.5mmD, 194g (1"H x 3 3/8"W x 6 5/8"D, 6.8oz).

Model	Display	Digits	Mantissa + EXP	True algebraic logic	*Basic functions	Standard deviations	HYP/ARC	X $\leftrightarrow$ Y/X $\leftrightarrow$ M	Memory	[( )]	%	R $\leftrightarrow$ P	ENG	Auto power-off	Others
fx-85M	LCD	8	8+2	○	○	○	○	○	1	18	○	○	○	○	$\sqrt[n]{}$ , $a^{b/c}$ (fraction), $d/c$ , FIX, SCI, RND, RAN #, nPr, nCr.
fx-115M	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○	○	$\sqrt[n]{}$ , $a^{b/c}$ , $d/c$ , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, nPr, nCr.
fx-39	Digitron	8	6+2	○	○	○	○	○	1	6					$a^{b/c}$
fx-140	Digitron	10	8+2	○	○	○	○	○	1	6					$a^{b/c}$
fx-120	Digitron	10	8+2	○	○	○	○	○	1	6	○	○			$a^{b/c}$ , nPr, nCr.

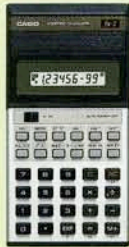
\* Basic functions ..... Trig./ARC, DEG/RAD/GRA, log,  $10^x$ , ln,  $e^x$ ,  $x^y$ ,  $x^{1/y}$ ,  $\sqrt{x}$ ,  $x^2$ ,  $\frac{1}{x}$ ,  $x!$ ,  $(\overline{0 \rightarrow 60})$ ,  $+/-$ ,  $\pi$ , EXP



**For Students! Full-featured Scientific Calculator**

**23** SCIENTIFIC FUNCTIONS

**6+2** DIGITS



fx-7

• True algebraic logic operation • 3 levels of parentheses • Auto power-off function \*3,400 hours on two AA size batteries (UM-3) (4,600 hours on type SUM-3). \*20H x 76W x 149mmD, 127g (3/4"H x 3"W x 5 7/8"D, 4.5 oz).

**For Students! Full-featured Scientific Calculator**

**38** SCIENTIFIC FUNCTIONS

**6+2** DIGITS



fx-82A

• True algebraic logic operation • Standard deviations • 6 levels of parentheses • Auto power-off function \*4,500 hours on two AA size batteries (UM-3) (5,500 hours on type SUM-3). \*21H x 76W x 156mmD, 116g (7/8"H x 3"W x 6 1/8"D, 4.1 oz).

**For Students! Full-featured Scientific Calculator**

**51** SCIENTIFIC FUNCTIONS

**10+2** DIGITS



COLLEGE  
fx-100A

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • 4,500 hours on two AA size batteries (UM-3) (8,500 hours on type SUM-3). \*19.6H x 76W x 149mmD, 128.5g (3/4"H x 3"W x 5 7/8"D, 4.5 oz).

**Base Conversions/Calculations, Logical Operations**

**67** SCIENTIFIC FUNCTIONS

**10+2** DIGITS



fx-107

• Base conversions/calculations • Logical operations • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Auto power-off function with memory retention \*4,500 hours on two AA size batteries (UM-3) (8,500 hours on type SUM-3). \*19.6H x 76W x 149mmD, 131g (3/4"H x 3"W x 5 7/8"D, 4.6 oz).

**WALLET TYPE**

**BATTERY TYPE**

**Full-featured Scientific Calculator**

**38** SCIENTIFIC FUNCTIONS

**6+2** DIGITS



fx-250

• True algebraic logic operation • Standard deviations • 6 levels of parentheses • Auto power-off function \*370 hours on two LR44 batteries (700 hours on type SR44 (G-13)). \*9.4H x 72W x 136mmD, 72g (3/8"H x 2 7/8"W x 5 3/8"D, 2.5 oz).

**Full-featured Scientific Calculator**

**48** SCIENTIFIC FUNCTIONS

**6+2** DIGITS



fx-350

• True algebraic logic operation • Standard deviations • 6 levels of parentheses • Auto power-off function with memory retention \*1,300 hours on one lithium battery (CR2025). \*8.7H x 71.5W x 134mmD, 60g (3/8"H x 2 7/8"W x 5 1/4"D, 2.1 oz).

**Base Conversions/Calculations, Logical Operations**

**70** SCIENTIFIC FUNCTIONS

**8+2** DIGITS



fx-370

• Base conversions/calculations • Logical operations • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Auto power-off function \*1,200 hours on one lithium battery (CR2025C). \*8.7H x 71.5W x 134mmD, 64g (3/8"H x 2 7/8"W x 5 1/4"D, 2.3 oz).

**Base Conversions/Calculations, Logical Operations**

**NEW!**

**67** SCIENTIFIC FUNCTIONS

**10+2** DIGITS



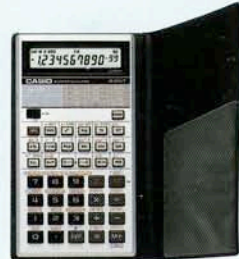
fx-550S

• Base conversions/calculations • Logical operations • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Auto power-off function \*720 hours on two LR44 batteries (1,800 hours on type SR44 (G-13)). \*9.4H x 72W x 136mmD, 70g (3/8"H x 2 7/8"W x 5 3/8"D, 2.5 oz).

**Base Conversions/Calculations, Logical Operations, 9 Physical Constants**

**79** SCIENTIFIC FUNCTIONS

**10+2** DIGITS



fx-570

• Base conversions/calculations • Logical operations • 9 physical constants • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Auto power-off function \*1,200 hours on one lithium battery (CR2025C). \*8.7H x 71.5W x 134mmD, 64g (3/8"H x 2 7/8"W x 5 1/4"D, 2.3 oz).

Model	Display	Digits	Mantissa + EXP	True algebraic logic	*Basic functions	Standard deviations	HYP/ARC	X $\leftrightarrow$ Y/ X $\leftrightarrow$ M	Memory	[( )]	%	R $\leftrightarrow$ P	ENG	Auto power-off	Others
fx-7	LCD	8	6+2	○	○				1	3	○			○	$\sqrt{\quad}$
fx-82A	LCD	8	6+2	○	○			○	1	6		○	○	○	$\sqrt{\quad}$
COLLEGE fx-100A	LCD	10	10+2	○	○	○	○	○	1	18		○	○	○	$\sqrt{\quad}$ , $a^{b/c}$ (fraction), FIX, SCI, RND, RAN #, nPr, nCr.
fx-107	LCD	10	10+2	○	○	○	○	○	1	18		○	○	○	$\sqrt{\quad}$ , $a^{b/c}$ , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, nPr, nCr.
fx-250	LCD	8	6+2	○	○	○	○	○	1	6		○	○	○	$\sqrt{\quad}$
fx-350	LCD	8	6+2	○	○	○	○	○	1	6		○	○	○	$\sqrt{\quad}$ , $a^{b/c}$ , FIX, SCI, RND, RAN #, Memory retention.
fx-370	LCD	8	8+2	○	○	○	○	○	1	18		○	○	○	$\sqrt{\quad}$ , $a^{b/c}$ , d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, nPr, nCr.
fx-550S	LCD	10	10+2	○	○	○	○	○	1	18		○	○	○	$\sqrt{\quad}$ , $a^{b/c}$ , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, nPr, nCr.
fx-570	LCD	10	10+2	○	○	○	○	○	1	18		○	○	○	$\sqrt{\quad}$ , $a^{b/c}$ , d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, nPr, nCr.

\* Basic functions ..... Trig./ARC, DEG/RAD/GRA, log, 10<sup>x</sup>, ln, e<sup>x</sup>, x<sup>y</sup>, x<sup>1/y</sup>,  $\sqrt{\quad}$ , x<sup>2</sup>, 1/x, x!, (10  $\leftrightarrow$  60), +/−, π, EXP

\*\* (excluding x<sup>1/y</sup>, x!, (10  $\leftrightarrow$  60))

**Base Calculations/Conversions, Logical Operations**

An expansive range of functions for specialized usage in hi-tech roles such as address calculations and internal circuit designs.



Designed with Sizeable Keys and Display.  
Base Conversions/Calculations,  
Logical Operations,  
9 Physical Constants

**79**  
SCIENTIFIC  
FUNCTIONS  
**10+2**  
DIGITS



fx-590

• Base conversions/calculations • Logical operations • 9 physical constants • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Auto power-off function • Memory retention function • 1,000 hours on one lithium battery (CR2025C). \*10.7H × 84W × 141.5mmD, 87g (7/16"H × 3 3/8"W × 5 5/8"D, 3.1oz).

110 Ways to Handle Hi-tech!  
Complex Number Calculations  
on a Dot Matrix Display

**NEW!**  
**110**  
SCIENTIFIC  
FUNCTIONS  
**10+2**  
DIGITS

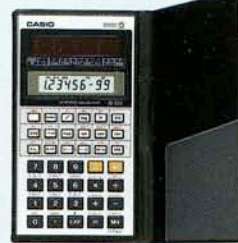


fx-580

• Dot matrix display • Complex number calculations (arithmetic operations, arguments, conjugate complex numbers, absolute values) • Unit symbol calculations (7 types of symbols) • Engineering symbol calculations (12 types of symbols) • Base conversions/calculations • Logical operations • Regression analysis • True algebraic logic operation • 18 levels of parentheses • 350 hours on 2 lithium batteries (CR2032). \*9.2H × 72W × 131mmD, 88g (3/8"H × 2 7/8"W × 5 1/8"D, 3.1oz).

**SOLAR POWER**

**SUPER SOLAR**  
**51**  
SCIENTIFIC  
FUNCTIONS  
**6+2**  
DIGITS



fx-920

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*8H × 72W × 136mmD, 74g (5/16"H × 2 7/8"W × 5 3/8"D, 2.6oz).

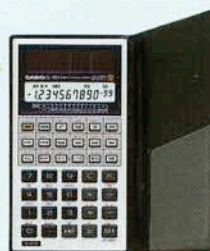
**SUPER SOLAR**  
**51**  
SCIENTIFIC  
FUNCTIONS  
**8+2**  
DIGITS



fx-911

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*7.5H × 69W × 128mmD, 62g (5/16"H × 2 3/4"W × 5"D, 2.2oz).

**SUPER SOLAR**  
**51**  
SCIENTIFIC  
FUNCTIONS  
**10+2**  
DIGITS

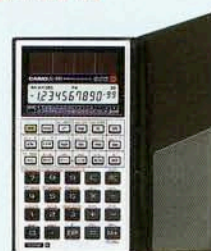


fx-961

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*7.5H × 69W × 128mmD, 64g (5/16"H × 2 3/4"W × 5"D, 2.3oz).

Base Conversions/Calculations,  
Logical Operations,  
9 Physical Constants

**SUPER SOLAR**  
**76**  
SCIENTIFIC  
FUNCTIONS  
**10+2**  
DIGITS



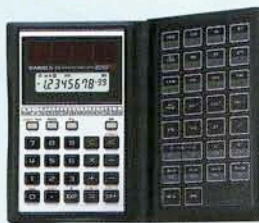
fx-991

• Base conversions/calculations • Logical operations • 9 physical constants • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*7.5H × 69W × 128mmD, 64g (5/16"H × 2 3/4"W × 5"D, 2.3oz).

LEAF KEY PANEL

Base Conversions/Calculations,  
Logical Operations

**SUPER SOLAR**  
**69**  
SCIENTIFIC  
FUNCTIONS  
**8+2**  
DIGITS



fx-411

Magic Touch Leaf Keys

• Base conversions/calculations • Logical operations • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*10.9H × 78.5W × 125mmD (7/16"H × 3 1/8"W × 4 7/8"D) — Folded. 7.6H × 161.8W × 125mmD (5/16"H × 6 3/8"W × 4 7/8"D) — Unfolded. \*79g (2.8oz).

Amazing 98 Functions Including  
Base Conversions/Calculations,  
Logical Operations, 13 Physical  
Constants and 16 Conversion  
Functions

**SUPER SOLAR**  
**98**  
SCIENTIFIC  
FUNCTIONS  
**10+2**  
DIGITS



fx-451

Magic Touch Leaf Keys

• Base conversions/calculations • Logical operations • 13 physical constants • 16 conversion functions (8 metric, 8 reversible) • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*10.9H × 78.5W × 125mmD (7/16"H × 3 1/8"W × 4 7/8"D) — Folded. 7.6H × 161.8W × 125mmD (5/16"H × 6 3/8"W × 4 7/8"D) — Unfolded. \*81g (2.9oz).

BIG KEY TYPE

Base Conversions/Calculations,  
Logical Operations,  
9 Physical Constants

**SUPER SOLAR**  
**76**  
SCIENTIFIC  
FUNCTIONS  
**10+2**  
DIGITS



fx-470

• Base conversions/calculations • Logical operations • 9 physical constants • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*13H × 122W × 78.5mmD (1/2"H × 4 3/4"W × 3 1/8"D) — Folded. 6.5H × 122W × 157mmD (1/4"H × 4 3/4"W × 6 1/8"D) — Unfolded. \*94g (3.3oz).

Model	Display	Digits	Manitissa + EXP	True algebraic logic	*Basic functions	Standard deviations	HYP/ARC	X↔Y/ X↔M	Memory	[( )]	%	R↔P	ENG	Auto power-off	Others
fx-590	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○	○	√, a <sup>b/c</sup> , d <sub>c</sub> , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, nPr, nCr, Memory retention
fx-580	LCD***	12	10+2	○	○	○	○	○	7	18	○	○	○	○	√, a <sup>b/c</sup> , d <sub>c</sub> , FIX, SCI, RND, RAN #, Complex number calculations, Engineering symbol calculations, Unit symbol calculations, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, Gamma function, nPr, nCr, Memory retention
fx-920	LCD	8	6+2	○	○	○	○	○	1	18	○	○	○	○	√, FIX, SCI, RND, RAN #, nPr, nCr.
fx-911	LCD	8	8+2	○	○	○	○	○	1	18	○	○	○	○	√, a <sup>b/c</sup> , d <sub>c</sub> , FIX, SCI, RND, RAN #, nPr, nCr.
fx-961	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○	○	√, a <sup>b/c</sup> , d <sub>c</sub> , FIX, SCI, RND, RAN #, nPr, nCr.
fx-991	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○	○	√, a <sup>b/c</sup> , d <sub>c</sub> , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, nPr, nCr.
fx-411	LCD	8	8+2	○	○	○	○	○	1	18	○	○	○	○	√, a <sup>b/c</sup> , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations.
fx-451	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○	○	√, a <sup>b/c</sup> , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 13 physical constants, 16 metric conversions.
fx-470	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○	○	√, a <sup>b/c</sup> , d <sub>c</sub> , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, nPr, nCr.

\* Basic functions ..... Trig./ARC, DEG/RAD/GRA, log, 10<sup>x</sup>, ln, e<sup>x</sup>, x<sup>y</sup>, x<sup>1/y</sup>, √, x<sup>2</sup>, 1/x, x!, (10 ↔ 60), +/−, π, EXP

\*\*\* Dot matrix display

**17** Parenthesis calculations

Complex calculations involving mixed parenthesis can be handled with speed and simplicity.



**FLAT KEY PANEL**  
Flat Key Panel — 3.1mm!

**SUPER SOLAR**  
51 SCIENTIFIC FUNCTIONS  
8+2 DIGITS



fx-915

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*3.1H × 70W × 124mmD, 48g (1/8"H × 2 3/4"W × 4 7/8"D, 1.7 oz).

**Flat Key Panel — 3.1mm!**  
Base Conversions/Calculations,  
Logical Operations,  
9 Physical Constants

**SUPER SOLAR**  
76 SCIENTIFIC FUNCTIONS  
10+2 DIGITS



fx-995

• Base conversions/calculations • Logical operations • 9 physical constants • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*3.1H × 70W × 124mmD, 49g (1/8"H × 2 3/4"W × 4 7/8"D, 1.7 oz).

**CARD TYPE**  
**BATTERY TYPE**

**36** SCIENTIFIC FUNCTIONS  
6+2 DIGITS



fx-68

• True algebraic logic operation • Standard deviations • 6 levels of parentheses • Auto power-off function • 100 hours on two LR1130 batteries (500 hours on type SR1130 (G-10)). \*4.7H × 54W × 91mmD, 44g (3/16"H × 2 1/8"W × 3 5/8"D, 1.56 oz).

**SUPER SOLAR**  
41 SCIENTIFIC FUNCTIONS  
8+2 DIGITS



fx-78

• True algebraic logic operation • Standard deviations • 6 levels of parentheses • Auto power-off function with memory retention • 230 hours on two LR1130 batteries (1,000 hours on type SR1130 (G-10)). \*4.7H × 54W × 91mmD, 42g (3/16"H × 2 1/8"W × 3 5/8"D, 1.5 oz).

**SOLAR POWER**

The New Style Sci.  
Folds Flat!

**SUPER SOLAR**  
51 SCIENTIFIC FUNCTIONS  
6+2 DIGITS



fx-88

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*5.7H × 89W × 59.5mmD (7/32"H × 3 1/2"W × 2 3/8"D) — Folded. 4H × 89W × 116mmD (9/32"H × 3 1/2"W × 4 5/8"D) — Unfolded. \*52g (1.8 oz).

**SUPER SOLAR**  
45 SCIENTIFIC FUNCTIONS  
8+2 DIGITS



fx-98B

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*5.4H × 91W × 59mmD, 37g (7/32"H × 3 5/8"W × 2 3/8"D, 1.3 oz).

**SUPER SOLAR**  
49 SCIENTIFIC FUNCTIONS  
10+2 DIGITS



fx-90B

Magic Touch Leaf Keys

• True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*10.9H × 104W × 67.5mmD (7/16"H × 4 1/8"W × 2 5/8"D) — Folded. 6.8H × 207W × 67.5mmD (1/4"H × 8 1/8"W × 2 5/8"D) — Unfolded. \*48g (1.7 oz).

**COMPACT DESK TYPE**

**SOLAR POWER**

Easy-to-operate  
Large Keys

**SUPER SOLAR**  
67 SCIENTIFIC FUNCTIONS  
8+2 DIGITS



fx-600

• Base conversions/calculations • Logical operations • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*28H × 102W × 159mmD, 122g (1 1/8"H × 4"W × 6 1/4"D, 4.3 oz).

**SUPER SOLAR**  
76 SCIENTIFIC FUNCTIONS  
10+2 DIGITS

Easy-to-operate Large Keys



fx-650

• Base conversions/calculations • Logical operations • 9 physical constants • True algebraic logic operation • Standard deviations • 18 levels of parentheses • Amorphous silicon solar battery. \*28H × 102W × 159mmD, 122g (1 1/8"H × 4"W × 6 1/4"D, 4.3 oz).

Model	Display	Digits	Mantissa + EXP	True algebraic logic	*Basic functions	Standard deviations	HYP/ARC	X↔Y/X↔M	Memory	[( )]	%	R↔P	ENG	Auto power-off	Others
fx-915	LCD	8	8+2	○	○	○	○	○	1	18	○	○			$\sqrt[n]{\phantom{x}}$ , $a^{b/c}$ (fraction), $d/c$ , FIX, SCI, RND, RAN #, nPr, nCr.
fx-995	LCD	10	10+2	○	○	○	○	○	1	18	○	○			$\sqrt[n]{\phantom{x}}$ , $a^{b/c}$ , $d/c$ , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, nPr, nCr.
fx-68	LCD	8	6+2	○	○	○	○	○	1	6	○	○	○		$\sqrt[n]{\phantom{x}}$
fx-78	LCD	10	8+2	○	○	○	○	○	1	6	○	○	○		$\sqrt[n]{\phantom{x}}$ , FIX, SCI, RND, RAN #, Memory retention.
fx-88	LCD	8	6+2	○	○	○	○	○	1	18	○	○	○		$\sqrt[n]{\phantom{x}}$ , FIX, SCI, RND, RAN #, nPr, nCr.
fx-98B	LCD	8	8+2	○	○	○	○	○	1	18	○	○	○		$\sqrt[n]{\phantom{x}}$ , $a^{b/c}$ , $d/c$ , FIX, SCI, RND, RAN #, nPr, nCr.
fx-90B	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○		$\sqrt[n]{\phantom{x}}$ , $a^{b/c}$ , FIX, SCI, RND, RAN #.
fx-600	LCD	8	8+2	○	○	○	○	○	1	18	○	○	○		$\sqrt[n]{\phantom{x}}$ , $a^{b/c}$ , $d/c$ , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, nPr, nCr.
fx-650	LCD	10	10+2	○	○	○	○	○	1	18	○	○	○		$\sqrt[n]{\phantom{x}}$ , $a^{b/c}$ , $d/c$ , FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, nPr, nCr.

\* Basic functions ..... Trig/ARC, DEG/RAD/GRA, log, 10<sup>x</sup>, ln, e<sup>x</sup>, x<sup>y</sup>, x<sup>1/y</sup>, √, x<sup>2</sup>, 1/x, x!, (10 ↔ 60), +/−, π, EXP

**Physical Constants**

Many commonly used physical constants such as the Speed of light in space, Planck's constant and Electron rest mass are built in, for fast one-touch recall and resolution.



**PROGRAMMABLE**

Simple Programmability & Integrals

**55**  
SCIENTIFIC  
FUNCTIONS

**10+2**  
DIGITS



fx-180P

• Simple programming (38 steps) • Integrals • Regression analysis • 7 memories • True algebraic logic operation • 18 levels of parentheses • 7,000 hours on two AA size batteries (UM-3)(8,300 hours on type SUM-3). \*19.6H × 76W × 149mmD, 132g (3/4"H × 3"W × 5 7/8"D, 4.7 oz).

**NEW!**

135 Program Steps & 68 Scientific Functions

**68**  
SCIENTIFIC  
FUNCTIONS

**10+2**  
DIGITS



fx-200P

• Simple programming (135 steps) • Regression analysis • 7 memories • 4 independent program areas • True algebraic logic operation • 18 levels of parentheses • 5,000 hours on two AA size batteries (UM-3) (10,000 hours on type SUM-3). \*20H × 76W × 159mmD, 135g (3/4"H × 3"W × 6 1/4"D, 4.8 oz).

Simple Programmability & Integrals

**61**  
SCIENTIFIC  
FUNCTIONS

**10+2**  
DIGITS



fx-3600P

• Simple programming (38 steps) • Integrals • Regression analysis • 7 memories • True algebraic logic operation • 18 levels of parentheses • 1,300 hours on one lithium battery (CR2025). \*8.7H × 71.5W × 134mmD, 64g (3/8"H × 2 7/8"W × 5 1/4"D, 2.3 oz).

135 Program Steps & 74 Scientific Functions

**NEW!**

**74**  
SCIENTIFIC  
FUNCTIONS

**10+2**  
DIGITS



fx-3800P

• Simple programming (135 steps) • Regression analysis • 7 memories • 4 independent program areas • True algebraic logic operation • 18 levels of parentheses • 1,300 hours on one lithium battery (CR2025C). \*9H × 72W × 129mmD, 75g (3/8"H × 2 7/8"W × 5 1/8"D, 2.6 oz).

As many as 83 Scientific Functions, 550 (max.) Program Steps, 94 (max.) Memories

**83**  
SCIENTIFIC  
FUNCTIONS

**12-character**  
display



fx-4000P

• Alphabetic dot matrix display • High utility variation of program steps and data memories.

**550 steps**  
**26 memories**

**6 steps**  
**94 memories**

• 10 independent program areas • Perfect entry system • Check-back replay function • Regression analysis • Base conversions/calculations, logical operations • 450 hours on two lithium batteries (CR2032). \*9.3H × 71.5W × 132.5mmD, 87g (3/8"H × 2 3/4"W × 5 3/16"D, 3.1 oz). \*Comes with "Easy Guide to Programming".

72 Useful Scientific Functions Plus BASIC Programming Capabilities

**72**  
SCIENTIFIC  
FUNCTIONS

**12-character**  
display



fx-5200P

• RAM capacity — Standard 1K bytes (2K bytes with OR-1(®) RAM pack). • Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters). • 10 independent program areas • Regression analysis • 9 physical constants • 145 hours on two lithium batteries (CR2032). \*13H × 87W × 139.5mmD (1/2"H × 3 3/8"W × 5 1/2"D) — Folded. 10.4H × 180.5W × 139.5mmD (3/8"H × 7 1/8"W × 5 1/2"D) — Unfolded. \*146g (5.1 oz) \*Comes with "Easy Guide to Programming".

A Total of 75 Directly Accessible Scientific Functions

**NEW!**

**75**  
SCIENTIFIC  
FUNCTIONS

**12-character**  
display



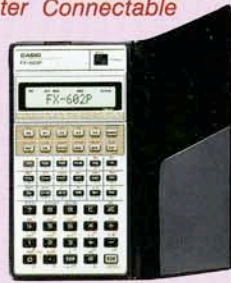
fx-5400P

• RAM capacity — Standard 1K bytes (2K bytes with OR-1(®) RAM pack). • Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters). • 10 independent program areas • Regression analysis • 10 physical constants • 150 hours on two lithium batteries (CR2032). \*14.5H × 146.5W × 78mmD, 117.5g (3/8"H × 5 3/4"W × 3 1/8"D, 4.1 oz). \*Comes with "Easy Guide to Programming".

512 (max.) Program Steps, 88 (max.) Memories. Cassette Interface and Character Printer Connectable

**50**  
SCIENTIFIC  
FUNCTIONS

**11-character**  
display



FX-602P

• Alphabetic dot matrix display • High utility variation of program steps and data memories.

**512 steps**  
**22 memories**

**32 steps**  
**88 memories**

• 10 independent program areas • True algebraic logic operation • Standard deviations • 660 hours on two lithium batteries (CR2032). \*9.6H × 71W × 141.2mmD, 100g (3/8"H × 2 3/4"W × 5 1/2"D, 3.5 oz). \*Comes with "Program Library".



Model	Display	Digits	Mantissa + EXP	True algebraic logic	*Basic functions	Standard deviations	HYP/ARC	X↔Y/ X↔M	{ [ ]}	%	R↔P	ENG	Auto power-off	Others
fx-180P	LCD	10	10+2	○	○	○	○	X↔Y/ X↔K	7	18	○	○	○	a <sup>b/c</sup> (fraction), FIX, SCI, RND, RAN #, Memory and program retention, 38 program steps, Integrals, Regression analysis.
fx-200P	LCD	10	10+2	○	○	○	○	X↔Y/ X↔K	7	18	○	○	○	FIX, SCI, RND, RAN #, Memory and program retention, 135 program steps, Base conversions/calculations (binary, octal, hexadecimal), Regression analysis.
fx-3600P	LCD	10	10+2	○	○	○	○	X↔Y/ X↔K	7	18	○	○	○	a <sup>b/c</sup> , FIX, SCI, RND, RAN #, Memory and program retention, 38 program steps, Integrals, Regression analysis.
fx-3800P	LCD	10	10+2	○	○	○	○	X↔Y/ X↔K	7	18	○	○	○	FIX, SCI, RND, RAN #, Memory and program retention, 135 program steps, Base conversions/calculations (binary, octal, hexadecimal), Regression analysis.

\* Basic functions ..... Trig./ARC, DEG/RAD/GRA, log, 10<sup>x</sup>, ln, e<sup>x</sup>, x<sup>x</sup>, x<sup>b</sup>, √, x<sup>2</sup>, 1/x, x!, (10 ↔ 60), +/−, π, EXP

Model	Display	Display capacity (characters)	Mantissa + EXP	Memory capacity	No. of programs storable	Subroutine levels	Checking and editing	Standard deviations	Others
fx-4000P	LCD*	12	10+2	550—6 (steps)	10	9	○	○	True algebraic logic, Perfect entry system, Base calculations/conversions, Logical operations, Regression analysis, Replay function.
fx-5200P	LCD*	12	10+2	1 KB (expandable to 2 KB)	10	8	○	○	True algebraic logic, Regression analysis, 9 physical constants.
fx-5400P	LCD*	12	10+2	1 KB (expandable to 2 KB)	10	8	○	○	True algebraic logic, Regression analysis, 10 physical constants.
FX-602P	LCD*	11	10+2	512—32 (steps)	10	9	○	○	True algebraic logic.

\* Dot matrix display

**10 Independent Program Areas**

Stores up to 10 programs in independent areas for instant recall when required. This also allows unconditional jumps and subroutine calls to make a clear program structure.



Programmable with Graphic Functions



fx-6000G

76 SCIENTIFIC FUNCTIONS

16 characters by 4 lines

•Display: Text — 16 columns × 4 lines (64 characters). Graphics — 96 × 32 dots. •High utility variation of program steps and data memories.

486 steps  
26 memories

6 steps  
86 memories

•Graphic functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph). •Perfect entry system •Instant replay function •Regression analysis •Base conversions/calculations, logical operations \*130 hours on three lithium batteries (CR2032C). \*21H × 81W × 150mmD, 124g (7/8"H × 3 1/8"W × 5 7/8"D, 4.4 oz).



fx-6500G

82 SCIENTIFIC FUNCTIONS

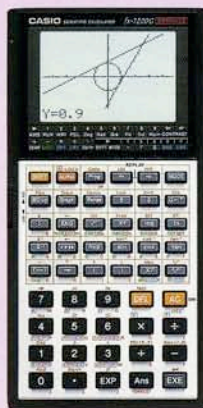
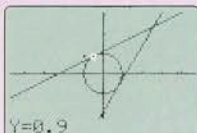
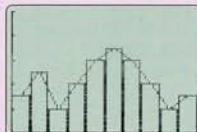
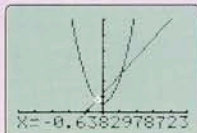
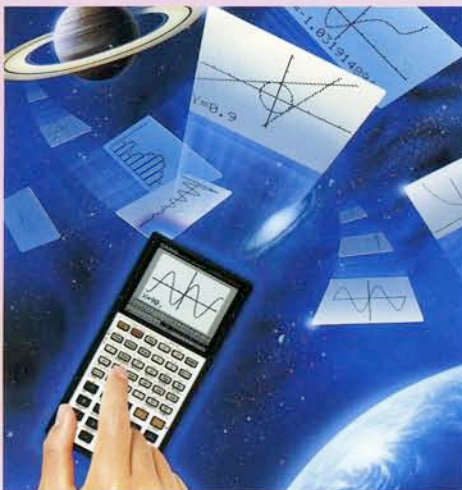
16 characters by 4 lines

•Display: Text — 16 columns × 4 lines (64 characters). Graphics — 96 × 32 dots. •High utility variation of program steps and data memories.

486 steps  
26 memories

6 steps  
86 memories

•Graphic functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph). •Perfect entry system •Instant replay function •Regression analysis •Base conversions/calculations, logical operations \*130 hours on three lithium batteries (CR2032C). \*11.5H × 81W × 148.5mmD, 127g (7/16"H × 3 1/8"W × 5 7/8"D, 4.5 oz).



fx-7200G

82 SCIENTIFIC FUNCTIONS

16 characters by 8 lines

•Display: Text — 16 columns × 8 lines (128 characters). Graphics — 96 × 64 dots. •High utility variation of program steps and data memories.

422 steps  
26 memories

6 steps  
78 memories

•Graphic functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph). •Perfect entry system •Instant replay function •Regression analysis •Base conversions/calculations, logical operations \*120 hours on three lithium batteries (CR2032C). \*14H × 83.5W × 167mmD, 155.5g (9/16"H × 3 1/4"W × 6 5/8"D, 5.5 oz). \*fx-7000G also available.

COMPUTER MATH CALC

Dedicated Base-n Calculator

NEW!

SUPER SOLAR

10 DIGITS



CM-100

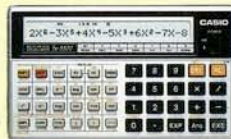
•Base conversions •Base calculations •Logical operations •Bit size specifications •Shift functions (Shift, Rotate, Arithmetic shift) •Flag display •Amorphous silicon solar battery. \*16H × 76W × 135mmD, 73g (5/8"H × 3"W × 5 3/8"D, 2.6 oz).

FORMULA MANIPULATOR

Here's Your Fold-up Formula Specialist

34 SCIENTIFIC FUNCTIONS

24-character display



fx-5500

•Formula manipulation functions (Simplification, Expansion, Factoring, Equation solution) \*200 hours on two lithium batteries (CR2032). \*10.5H × 132.5W × 81.5mmD, 115g (7/16"H × 5 1/4"W × 3 1/4"D, 4.1 oz).

WITH TIMEPIECE

It Delivers Time, Too!

44 SCIENTIFIC FUNCTIONS

8+2 DIGITS



fx-8100

•Clock •Calendar •Alarm •Countdown alarm •Stopwatch \*1 year on two SR1130 (G-10) or S-89 batteries. \*6.6H × 70W × 129mmD, 80g (1/4"H × 2 3/4"W × 5 1/8"D, 2.8 oz).

Model	Display	Display capacity (characters)	Mantissa + EXP	No. of program steps	No. of memories	No. of programs storable	Subroutine levels	Checking and editing	Standard deviations	Others
fx-6000G	LCD*	16 × 4	10+2	486 — 6	86 — 26	10	9	○	○	Graphic functions, True algebraic logic, Perfect entry system, Base calculations/conversions, Logical operations, Regression analysis, Instant replay function.
fx-6500G	LCD*	16 × 4	10+2	486 — 6	86 — 26	10	9	○	○	Graphic functions, True algebraic logic, Perfect entry system, Base calculations/conversions, Logical operations, Regression analysis, Instant replay function.
fx-7200G	LCD*	16 × 8	10+2	422 — 6	78 — 26	10	9	○	○	Graphic functions, True algebraic logic, Perfect entry system, Base calculations/conversions, Logical operations, Regression analysis, Instant replay function.

\* Dot matrix display

Model	Display	Digits	Mantissa + EXP	True algebraic logic	*Basic functions	Standard deviations	HYP/ARC	X↔Y/ X↔M	Memory	[( )]	%	R↔P	ENG	Auto power-off	Others
fx-8100	LCD	8	8+2	○	○	○	○	○	1	5	○	○			√, a <sup>b/c</sup> , Alarm clock, Calendar, 1/100 sec. stopwatch, Countdown alarm.

\* Basic functions ..... Trig./ARC, DEG/RAD/GRA, log, 10<sup>x</sup>, ln, e<sup>x</sup>, x<sup>y</sup>, x<sup>1/y</sup>, √, x<sup>2</sup>, 1/x, x!, (10 ↔ 60), +/−, π, EXP



# POCKET COMPUTER



Smooth-action, Flat Key Panel



**PB-80**

- RAM capacity — Standard 1K bytes (2K bytes with OR-1<sup>®</sup> RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas
- DATA BANK function \*450 hours on two lithium batteries (CR2032). \*14.5H × 146.5W × 78mmD, 117.5g (3/8"H × 5 3/4"W × 3 1/16"D, 4.1 oz).
- Comes with "Easy Guide to Programming" and "DATA BANK Reference Manual".

27 SCIENTIFIC FUNCTIONS

12-character display

DATA BANK

Simple Steps into Computing  
Special Guide for Programming Included.

27 SCIENTIFIC FUNCTIONS

12-character display



**PB-100F**

- RAM capacity — Standard 1K bytes (2K bytes with OR-1<sup>®</sup> RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas
- DATA BANK function \*170 hours on two lithium batteries (CR2032). \*9.8H × 165W × 71mmD, 119g (3/8"H × 6 1/2"W × 2 3/4"D, 4.2 oz).
- Comes with "Easy Guide to Programming".

BASIC + DATA BANK =  
Swift Executive Decisions

27 SCIENTIFIC FUNCTIONS

12-character display

DATA BANK



**PB-110**

- RAM capacity — Standard 1K bytes (2K bytes with OR-1<sup>®</sup> RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas
- DATA BANK function \*140 hours on two lithium batteries (CR2032). \*9.8H × 165W × 71mmD, 119g (3/8"H × 6 1/2"W × 2 3/4"D, 4.2 oz).
- Comes with "Easy Guide to Programming" and "DATA BANK Reference Manual".

Work-style Personal RAM Card  
Computer

27 SCIENTIFIC FUNCTIONS

12-character display

DATA BANK

RAM CARD



**PB-410**

- RAM capacity — Standard 2K bytes (RC-2 RAM card) (4K bytes with RC-4 RAM card).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas
- DATA BANK function \*Battery life: Main — 140 hours on two lithium batteries (CR2032). RAM card (RC-2) — 24 months on one lithium battery (CR2016). \*14.3H × 165W × 82mmD, 177g including the RAM card. (3/16"H × 6 1/2"W × 3 1/4"D, 6.2 oz).
- Comes with "Easy Guide to Programming" and "DATA BANK Reference Manual".

It Opens up New Business Power!

27 SCIENTIFIC FUNCTIONS

12-character display

DATA BANK



**PB-220**

- RAM capacity — Standard 2K bytes (10K bytes with RP-8 RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- DATA BANK function \*145 hours on two lithium batteries (CR2032). \*15.2H × 90W × 151.5mmD (3/8"H × 3 1/2"W × 6"D) — Folded. 13.2H × 186.5W × 151.5mmD (1/2"H × 7 3/8"W × 6"D) — Unfolded. \*166.5g (5.9 oz).
- Comes with "DATA BANK Reference Manual".

The Talented Team!

Develop your own programs on the PD-310, put them into action on the PD-300. The flexible answer for modern handling of new products, projects, markets, etc.

12-character display



**PD-300**

Function-fit Computing

Your own program ready to apply any place, any purpose. Input is simple, output can be highly valuable.

- RAM capacity — Standard 8K bytes (16K bytes with RP-8 RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas \*145 hours on two lithium batteries (CR2032). \*11.5H × 83W × 148.5mmD, 116.5g (1/2"H × 3 1/4"W × 5 7/8"D, 4.1 oz).

27 SCIENTIFIC FUNCTIONS

12-character display

DATA BANK



**PD-310**

Tailor-made Programs

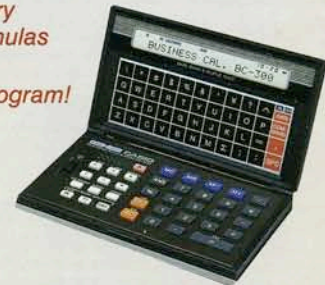
Allows development of programs to fit any special purpose. Quick and uncomplicated to use.

- RAM capacity — Standard 16K bytes \*145 hours on two lithium batteries (CR2032). \*15.2H × 90W × 151.5mmD (3/8"H × 3 1/2"W × 6"D) — Folded. 13.2H × 186.5W × 151.5mmD (1/2"H × 7 3/8"W × 6"D) — Unfolded. \*166.5g (5.9 oz).

BUSINESS COMPUTER

Modern Memory  
Power for Formulas  
and Data.  
No Need to Program!

24-character display



**BC-300**

- Memory capacity: 781 characters (2,829 with the optional OR-20 RAM pack).
- Formula storage function.
- DATA BANK function (CALENDAR area and MEMO area).
- Auto ratio calculation function. \*Power source: Calculation/display — 2 lithium batteries (CR2032). Memory protection — 1 lithium battery (CR1220).
- Battery life: Main power source — approximately 85 hours (continuous use). Memory protection battery — approximately 2 years. \*18H × 130.5W × 77mmD (3/4"H × 5 1/16"W × 3"D) — Folded. 9H × 130.5W × 154mmD (3/8"H × 5 1/16"W × 6"D) — Unfolded. \*165g (5.8 oz).

Model	Display	Display capacity (characters)	Mantissa + EXP	Program language	Memory capacity (approx.)	No. of programs storable	Subroutine levels	Checking and editing	Others
PB-80	LCD*	12	8+2	BASIC	1 KB (expandable to 2 KB)	10	8	○	DATA BANK function.
PB-100F	LCD*	12	8+2	BASIC	1 KB (expandable to 2 KB)	10	8	○	
PB-110	LCD*	12	8+2	BASIC	1 KB (expandable to 2 KB)	10	8	○	DATA BANK function.
PB-410	LCD*	12	8+2	BASIC	2 KB (expandable to 4 KB)	10	8	○	RAM card, DATA BANK function.
PB-220	LCD*	12	8+2	BASIC	2 KB (expandable to 10 KB)	10	8	○	DATA BANK function.
PD-310	LCD*	12	8+2	BASIC	8 KB (expandable to 16 KB)	10	8	○	DATA BANK function.
BC-300	LCD*	24	10+2		1 KB (expandable to 3 KB)			○	DATA BANK function, Formula memory, Auto ratio calculation function.

\* Dot matrix display



# SCIENTIFIC COMPUTER

The profound array of functions on these models has been made especially easy to handle by Casio's special one-key reference system. It accelerates programming and data analysis to an appealing new level for the operator with big workloads.

## RAM Card Trims Away Storage Trouble!



27 SCIENTIFIC FUNCTIONS  
12-character display  
DATA BANK  
RAM CARD

### FX-720P

- RAM capacity — Standard 2K bytes (RC-2 RAM card) (4K bytes with RC-4 RAM card)
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas
- DATA BANK function
- Battery life: Main — 140 hours on two lithium batteries (CR2032). RAM card (RC-2) — 24 months on one lithium battery (CR2016). \*14.3H × 165W × 82mmD, 177g including the RAM card. (5/16"H × 6 1/2"W × 3 1/4"D, 6.2oz). \*Comes with "Easy Guide to Programming", "DATA BANK Reference Manual" and "Program Library".

## Double Slots! Takes 2 RAM Cards!



66 SCIENTIFIC FUNCTIONS  
24-character display  
RAM CARD

### FX-750P

- Memory: RAM — Standard 4K bytes (expandable to 16K bytes with two RC-8 RAM cards), ROM — Approx. 27K bytes
- Display: 24 alpha-numeric characters
- 10 independent program areas
- 10 physical constants
- Regression analysis
- Battery life: Main — 120 hours on two lithium batteries (CR2032). RAM card (RC-4) — 12 months on one lithium battery (CR2016). \*16H × 186W × 82mmD, 243g including the RAM card. (5/8"H × 7 3/8"W × 3 1/4"D, 8.6oz). \*Comes with "Easy Guide to Programming".

## Pocket High-scientific with 55 Functions



55 SCIENTIFIC FUNCTIONS  
20-character display

### FX-702P

- Display: 20 alpha-numeric characters
- RAM capacity — 2K bytes
- 10 independent program areas
- Regression analysis
- 240 hours on two lithium batteries (CR2032). \*17H × 165W × 82mmD, 176g (5/8"H × 6 1/2"W × 3 1/4"D, 6.2oz). \*Comes with "Program Library".

## RAM Cards Go in, Data Prints Out



27 SCIENTIFIC FUNCTIONS  
12-character display  
DATA BANK  
RAM CARD

### FX-820P

- RAM capacity — Standard 2K bytes (RC-2 RAM card) (4K bytes with RC-4 RAM card)
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas
- DATA BANK function
- Built-in character printer
- Battery life: Main — 90 hours on two lithium batteries (CR2032). RAM card (RC-2) — 24 months on one lithium battery (CR2016). \*26H × 173W × 95mmD, 335g including the RAM card. (1"H × 6 3/4"W × 3 3/4"D, 11.8oz). \*Comes with "Easy Guide to Programming", "DATA BANK Reference Manual" and "Program Library".

## The More Complete, Compact Scientific Computer

NEW!



61 SCIENTIFIC FUNCTIONS  
24-character display  
DATA BANK

### FX-730P

- RAM capacity — Standard 8K bytes (16K bytes with RP-8 RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- Formula storage function
- DATA BANK function
- 3-dimensional array system
- 86 hours on two lithium batteries (CR2032). \*12.5H × 165W × 77mmD, 139g (1/2"H × 6 1/2"W × 3"D, 4.9oz). \*Comes with "Easy Guide to Programming".

## The Compact Computer with Assembler and BASIC Language

65 SCIENTIFIC FUNCTIONS  
24-character display  
DATA BANK



### FX-770P

- RAM capacity — Standard 2K bytes (4K bytes with OR-2 RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas
- Assembler simulation function
- Formula storage function
- DATA BANK function
- Regression analysis
- 170 hours on two lithium batteries (CR2032). \*18H × 142W × 71mmD (3/4"H × 5 5/8"W × 2 3/4"D) — Folded. 9H × 142W × 142mmD (3/8"H × 5 5/8"W × 5 5/8"D) — Unfolded. \*157g (5.5oz). \*Comes with "Easy Guide to Programming".

## 3-dimensional Array and Regression Analysis

65 SCIENTIFIC FUNCTIONS  
24-character display  
DATA BANK



### FX-785P

- RAM capacity — Standard 2K bytes (10K bytes with RP-8 RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- Assembler simulation function
- Formula storage function
- DATA BANK function
- 3-dimensional array system
- 85 hours on two lithium batteries (CR2032). \*18H × 142W × 71mmD (3/4"H × 5 5/8"W × 2 3/4"D) — Folded. \*9H × 142W × 142mmD (3/8"H × 5 5/8"W × 5 5/8"D) — Unfolded. \*165g (5.8oz). \*Comes with "Easy Guide to Programming" and "Introduction to Assembly Language".

## 3-dimensional Array and Regression Analysis

65 SCIENTIFIC FUNCTIONS  
24-character display  
DATA BANK



### FX-790P

- RAM capacity — Standard 8K bytes (16K bytes with RP-8 RAM pack).
- Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
- Assembler simulation function
- Formula storage function
- DATA BANK function
- 3-dimensional array system
- 85 hours on two lithium batteries (CR2032). \*18H × 142W × 71mmD (3/4"H × 5 5/8"W × 2 3/4"D) — Folded. \*9H × 142W × 142mmD (3/8"H × 5 5/8"W × 5 5/8"D) — Unfolded. \*165g (5.8oz). \*Comes with "Easy Guide to Programming" and "Introduction to Assembly Language".

Model	Display	Display capacity (characters)	Mantissa + EXP	Program language	Memory capacity (approx.)	No. of programs storable	Subroutine levels	Checking and editing	Others
FX-720P	LCD*	12	8+2	BASIC	2 KB (expandable to 4 KB)	10	8	○	RAM card, DATA BANK function.
FX-750P	LCD*	24	10+2	BASIC	4 KB (expandable to 16 KB)	10	12	○	RAM card(s), Regression analysis, 10 physical constants.
FX-702P	LCD*	20	10+2	BASIC	2 KB	10	10	○	Regression analysis.
FX-820P	LCD*	12	8+2	BASIC	2 KB (expandable to 4 KB)	10	8	○	RAM card, DATA BANK function, Built-in character printer.
FX-730P	LCD*	24	10+2	BASIC	8 KB (expandable to 16 KB)	10	8	○	Formula memory, 3-dimensional array, DATA BANK function, Regression analysis.
FX-770P	LCD*	24	10+2	BASIC	2 KB (expandable to 4 KB)	10	8	○	Assembler simulation function, Formula memory, DATA BANK function, Regression analysis.
FX-785P	LCD*	24	10+2	BASIC	2 KB (expandable to 10 KB)	10	8	○	Assembler simulation function, Formula memory, 3-dimensional array, DATA BANK function, Regression analysis.
FX-790P	LCD*	24	10+2	BASIC	8 KB (expandable to 16 KB)	10	8	○	Assembler simulation function, Formula memory, 3-dimensional array, DATA BANK function, Regression analysis.

\* Dot matrix display

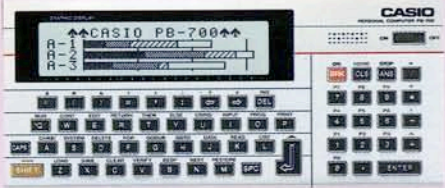


# COMPREHENSIVE COMPUTER

To accommodate the need for large and flexible storage, fast recall and well-composed presentation of data, Casio has created these modern packages. With big screens, highly informative graphic displays and a useful selection of options they are ideal for the travelling and independent business-person.

A Compact Way to Modern Efficiency

**24**  
SCIENTIFIC  
FUNCTIONS  
20 characters  
by  
4 lines

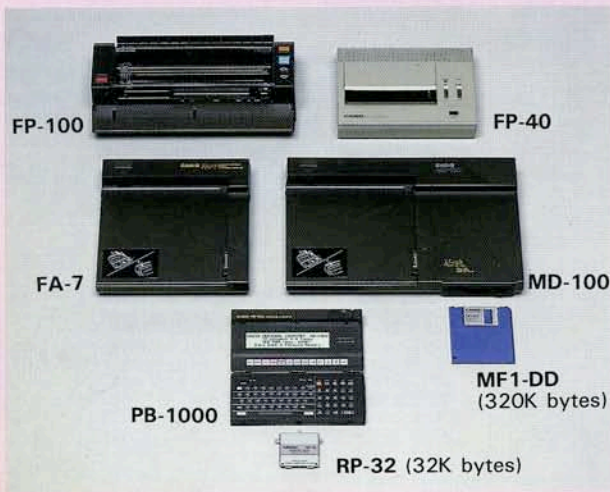


### PB-700

- Memory: RAM — Standard 4K bytes (expandable to 16K bytes with OR-4 RAM packs). ROM — Approx. 25K bytes
- Display: Text — 20 columns x 4 lines (80 characters). Graphics — 160 x 32 dots.
- 10 independent program areas
- Battery life: 100 hours on four AA size batteries (SUM-3). \*23H x 200W x 88mmD, 315g (7/8"H x 7/16"W x 3 1/2"D, 11.1 oz). \*Comes with "Easy Guide to Programming".



### Wide Array of Options for System Expansion



### Front Line Computing System with Full Peripherals

**NEW!**

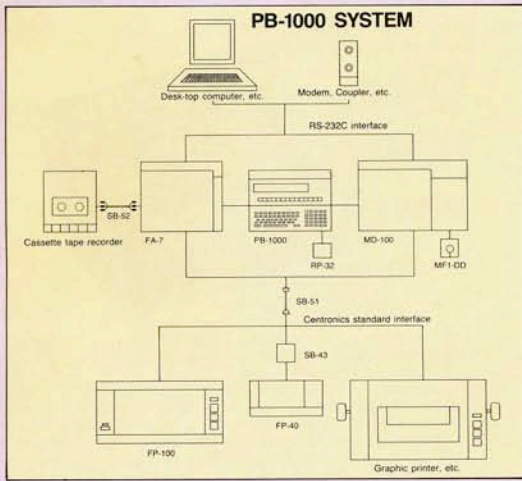
**58**  
SCIENTIFIC  
FUNCTIONS  
32 characters  
by  
4 lines



### PB-1000

PB-1000 mainframe forms center of extensive data processing and computing system, including 3.5 inch floppy disk drive, Centronics printer ... in fact, complete data communication capabilities with RS-232C port. Useful Data Bank with high memory power, up to 40KB (with RP-32 RAM pack). And advanced programming via an assembler and monitor support machine language facilities.

- RAM capacity — Standard 8K bytes (40K bytes with RP-32 RAM pack).
- Display: Text — 32 columns x 4 lines. Graphics — 192 x 32 dots.
- 16 touch screen keys
- Formula storage function
- DATA BANK function
- Assembler and monitor
- \*55 hours on three AA size batteries (UM-3). \*24H x 187W x 97mmD (1"H x 7 3/8"W x 3 7/8"D) — Folded. 24H x 187W x 176.5mmD (1"H x 7 3/8"W x 7"D) — Unfolded. \*435g (17.1 oz). \*Comes with "Command Reference".



### MD-100

- 3.5-inch floppy disk drive
- RS-232C port for data communication capabilities
- Centronics standard printer interface
- \*50H x 342.5W x 229mmD, 1.9 kg (2"H x 13 1/2"W x 9"D, 4.2 lbs).

### FA-7

- RS-232C port for data communication capabilities
- Centronics standard printer interface
- Cassette interface
- \*50H x 220W x 229mmD, 949g (2"H x 8 5/8"W x 9"D, 2.1 lbs).

### FP-100

- Letter size paper 4-color plotter-printer
- \*67H x 310W x 129mmD (2 5/8"H x 12 1/4"W x 5 1/8"D) — Folded. 67H x 310W x 236mmD (2 5/8"H x 12 1/4"W x 9 1/4"D) — Unfolded. \*1.6 kg (3.5 lbs).

### FP-40

- 40-column thermal printer
- \*42.5H x 210W x 145mmD, 609g (1 5/8"H x 8 1/4"W x 5 3/4"D, 1.3 lbs).

### RP-32

- 32KB RAM pack \*5.8H x 67W x 59mmD, 18g (1/4"H x 2 5/8"W x 2 3/8"D, 0.6 oz).

### MF1-DD

- 3.5 inch floppy disk
- Single sided, double density, 320KB

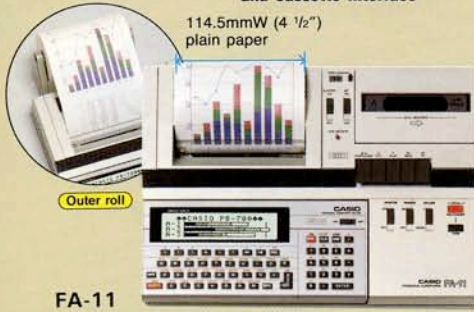
Model	Display	Display capacity (characters)	Mantissa + EXP	Program language	Memory capacity (approx.)	No. of programs storable	Subroutine levels	Checking and editing	Others
PB-700	LCD*	20 x 4	10 + 2	BASIC	4 KB (expandable to 16 KB)	10	12	○	
PB-1000	LCD*	32 x 4	10 + 2	BASIC Assembler	8 KB (expandable to 40 KB)	Limited to memory capacity	Limited to memory capacity	○	DATA BANK function, Formula memory, Assembler and Monitor, Regression analysis.

\* Dot matrix display



# PERIPHERALS

Plotter-printer with cassette tape recorder and cassette interface



**FA-11**  
\*52.5H × 297W × 210mmD, 1.62 kg  
(2 1/16"H × 11 5/8"W × 8 1/4"D,  
3.6 lbs).

Printer interface with CENTRONICS standard and cassette interface



**FA-4**  
\*44.5H × 315W × 130mmD, 676g  
(1 3/4"H × 12 1/2"W × 5 1/8"D,  
1.5 lbs).

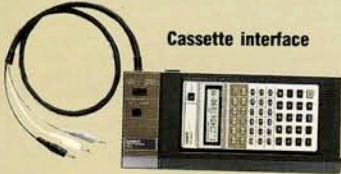
Character printer with cassette interface



**CM-1**  
\*23.5H × 95W × 93mmD, 195g  
(7/8"H × 3 3/4"W × 3 3/8"D, 6.9 oz.)

**FA-20**  
\*40H × 210W × 162mmD, 450g  
(1 1/8"H × 8 1/4"W × 6 3/8"D, 1 lb).

Cassette interface



**FA-2** \*6.2H × 225.5W × 101.5mmD, 260g  
(1/4"H × 8 3/8"W × 4"D, 9.2 oz).

Cassette interface



**FA-3**  
\*31.5H × 173W × 114mmD, 244g  
(1 1/4"H × 6 7/8"W × 4 1/2"D, 8.6 oz).

Cassette interface



**FA-5**  
\*8.5H × 50W × 71mmD, 52g  
(3/8"H × 2"W × 2 3/4"D, 1.8 oz).

Character printer



**FP-10**  
\*43.5H × 157.5W × 82.5mmD, 372g  
(1 3/4"H × 6 1/4"W × 3 1/4"D, 13.1 oz).

Character printer with cassette interface



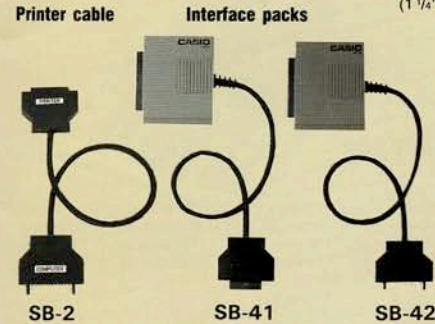
**FP-40**  
\*42.5H × 210W × 145mmD, 609g  
(1 5/8"H × 8 1/4"W × 5 3/4"D,  
1.31 lbs).

Character printer



**FP-12S**  
\*38H × 173W × 66mmD, 198g  
(1 1/2"H × 6 7/8"W × 2 5/8"D, 7 oz).

Interface packs



**SB-2**      **SB-41**      **SB-42**

RAM cards



**RC-2** (2K bytes)      **RC-4** (4K bytes)      **RC-8** (8K bytes)

RAM packs



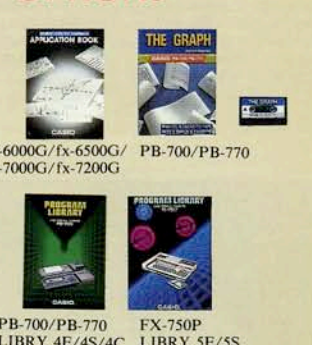
**OR-1** (1K bytes)      **OR-2** (2K bytes)      **OR-4** (4K bytes)      **OR-8** (8K bytes)      **OR-20** (2K bytes)      **RP-8** (8K bytes)

	Model	Battery	AC adapter	Rechargeable battery	Roll paper	Paper width (mm)	Memory capacity (KB)	Applicable model(s)	
Cassette interface	FA-2							FX-602P/FX-702P	
	FA-3							PB-100P/PB-110P/PB-410F/FX-720P/FX-730P/FX-820P	
	FA-5							PB-110F/PB-110P/PB-220P/PB-410F/FX-720P/FX-730P/FX-770P/FX-785P/FX-790P/PD-820P	
Printer interface with CENTRONICS standard and cassette interface	FA-4	AA × 6	AD-1			114.5		PB-700P/PB-770	
	FA-20		AD-5480		PRP-24/PRP-70 TRP-16	38		PB-700P/PB-770	
Character printer with cassette interface	FP-40					112		PB-100P/PB-110P/PB-220P/PB-410F/FX-720P/FX-730P/FX-770P/FX-785P/FX-790P/PD-300/PD-310 Computers with Centronics standard	
	FP-10		AD-4150		TRP-112	35		FX-602P/FX-702P	
Microcassette tape recorder	FP-12S				CMP-36 TRP-16	38		PB-100P/PB-110P/PB-220P/PB-410F/FX-720P/FX-730P/FX-770P/FX-785P/FX-790P/PD-300/PD-310	
	CM-1							FX-750P	
RAM card	RC-2	CR2016					2	PB-410F/FX-720P/FX-750P/FX-820P	
	RC-4	CR2016					4	PB-410F/FX-720P/FX-750P/FX-820P	
	RC-8	CR2016					8	FX-750P	
	OR-1						1	fx-5200P/fx-6400P/PB-80/PB-100F/PB-110	
RAM pack	OR-2						2	FX-750P	
	OR-4						4	PB-700	
	OR-8						8	PB-770	
	OR-20						2	BC-300	
	RP-8						8	PB-220P/FX-730P/FX-785P/FX-790P/PD-300	
	Interface pack	SB-41							For connecting the FP-40 and PB-700P/PB-770
		SB-42							For connecting the FP-40 and PB-100P/PB-220P/PB-410F/FX-720P/FX-730P/FX-770P/FX-785P/FX-790P PD-300/PD-310
		SB-43							For connecting the FP-40 and computers with Centronics interface
	Printer cable	SB-2							For connecting the FP-12S and FX-770P/FX-785P/FX-790P

# STANDARD ACCESSORIES



# OPTIONS



# ACCESSORIES AND OPTIONS

	Model	Applicable Model(s)	Model	Applicable Model(s)	Model	Applicable Model(s)			
AC Adaptor	AD-4145	fx-39fx-140fx-120	Disk sheet	MD-2D	FP-1021FD1	Battery			
	AD-4150	FP-10	TRP-16 × 5	FX-820P/FP-12S/FA-20	CR1220		fx-6000G/fx-6500G/fx-7000G/fx-7200G		
	AD-4175	MD-100FA-7	CMP-36 × 5	FP-10	CR2016		PB-700/PB-770/BC-300		
	AD-4180	FP-200	PRP-24 × 2	FA-11	CR2016		RC-2/RC-4/RC-8		
	AD-4898	FP-100	PRP-70	FA-11/FP-1011PL	LR1130 (SR1130)		fx-68fx-78fx-8100		
Ni-Cd Pack	AD-5480	FA-11	TRP-40	FX-770P	LR44 (SR44)	fx-250fx-550S			
	AD-1	FA-4	PRP-216	FX-785P/FX-790P	AA	FX-77F/82A/COLLEGE fx-100 COLLEGE fx-100A/fx-107fx-180P/fx-200P PB-700/PB-770/PB-1000FA-4FA-7MD-100			
Ball-point pen	NP-2M	fx-39fx-140fx-120	Charger	CHA-1	FP-12S/FA-20/FX-820P	Battery			
	NP-4M	FP-12S	CR2025	fx-350fx-550fx-3600P	CR2025C		fx-370fx-570fx-590		
Ball-point pen	BP-1 (black, blue, green and red)	FA-11/FP-1011PL/FP-100	Battery	CR2032	fx-580fx-4000P/fx-5200P/fx-5400P/FX-602P PB-80/PB-100F/PB-110/PB-410F/FX-720P FX-730P/FX-750P/FX-770P/FX-785P/FX-790P FX-820P/PD-300/PD-310/BC-300		Battery		
	BP-2 (black × 4)	FA-11/FP-1011PL/FP-100		Battery	CR2032			fx-580fx-4000P/fx-5200P/fx-5400P/FX-602P PB-80/PB-100F/PB-110/PB-410F/FX-720P FX-730P/FX-750P/FX-770P/FX-785P/FX-790P FX-820P/PD-300/PD-310/BC-300	Battery



# PRINTER



## MINI-PRINTER

2-way Print-out —  
Inner Roll or Outer Roll  
Up to 80mm Dia. Roll!



SR-1

•Function command signs •Full decimal system: Floating, fixed (2) with round-off or cut-off. •Auto power-off function \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*Roll paper: 38mmW x 25mmφ (1 1/2" x 1") (PRP-25A) \*38mmW x 80mmφ (1 1/2" x 3 1/8"). \*41H x 88W x 181mmD excluding roll-holder, 320g (1 1/8"H x 3 1/2"W x 7 1/8"D, 11.3oz).

58mmW Plain Paper



HR-8

•Function command signs •Full decimal system: Floating, fixed (2) with round-off or cut-off. •Auto power-off function \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*42H x 104W x 177mmD excluding roll-holder, 347g (1 5/8"H x 4 1/8"W x 6 3/4"D, 12.2oz).

58mmW Plain Paper



HR-16

•Full decimal system: Floating, fixed (0 — 4) with round-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*54.5H x 117W x 190mmD, 454g (2 1/8"H x 4 3/8"W x 7 1/2"D, 1lb).

Designed to Streamline  
Deskwork

**NEW!**



MR-100

•Full decimal system: Floating, fixed (0 — 3) with round-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (three AA size batteries). \*57H x 170W x 203mmD, 414g (2 1/4"H x 6 3/4"W x 8"D, 14.6oz).

Desk-art for Flowing Figurework

**NEW!**



MR-200

•Function command signs (x / +) •Full decimal system: Floating, fixed (0 — 3) with round-off, and ADD mode. •Auto power-off function \*2-way power source: AC (AD-4150 adaptor) or DC (three AA size batteries). \*57H x 170W x 203mmD, 342g (2 1/4"H x 6 3/4"W x 8"D, 12oz).

Big Liquid Crystal Display

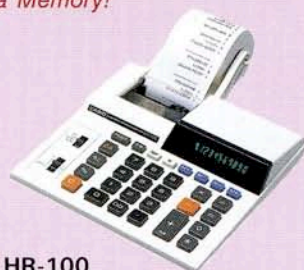


HR-200

•Function command signs (x / +) •Full decimal system: Floating, fixed (0 — 3) with round-off, and ADD mode. •Auto power-off function \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*35H x 184W x 250mmD, 491g (1 3/8"H x 7 1/4"W x 9 7/8"D, 1.1 lbs).

## FORMULA MEMORY

Formula Memory!



HR-100

•Formula memory for repeat calculations. •Full decimal system: Floating, fixed (0 — 3) with round-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*43.5H x 185W x 232mmD, 508g (1 3/4"H x 7 1/4"W x 9 1/8"D, 1.1 lbs).

Formula Memory!



HR-121

•Formula memory for repeat calculations. •Full decimal system: Floating, fixed (0 — 3) with round-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*43.5H x 185W x 232mmD, 498g (1 3/4"H x 7 1/4"W x 9 1/8"D, 1.1 lbs).

Model	Display	Digits	Independent memory	%	Constants	Item counter	Approximations	Ink-roll cartridge	Paper width	Others
SR-1	LCD	10	○	○	+ / - / x / ÷	○	○	IR-40	38mm (1 1/2")	Simple algebraic logic operation, 3-digit comma markers,  print key.
HR-8	LCD	10	○	○	+ / - / x / ÷	○	○	IR-40	58mm (2 1/4")	Simple algebraic logic operation, 3-digit comma markers,  print key.
HR-16	Digitron	10	○	○	x / ÷	○	○	IR-40	58mm (2 1/4")	Sub-total/total, 3-digit comma markers, .
MR-100	Digitron	10	○	○	x / ÷	○	○	IR-61	58mm (2 1/4")	Sub-total/total, 3-digit comma markers, , .
MR-200	LCD	10	○	○	x / ÷	○	○	IR-61	58mm (2 1/4")	Sub-total/total, 3-digit comma markers, .
HR-200	LCD	10	○	○	x / ÷	○	○	IR-40	58mm (2 1/4")	Sub-total/total, 3-digit comma markers, .
HR-100	Digitron	10	○	○	x / ÷	○	○	IR-40	58mm (2 1/4")	Formula memory, Sub-total/total, 3-digit comma markets, ,  print key.
HR-121	Digitron	12	○	○	x / ÷	○	○	IR-40	58mm (2 1/4")	Formula memory, Sub-total/total, 3-digit comma markers, ,  print key.

: Quick corrections of mis-entries with the move-back shift key ( ).



Formula Memory!



FR-101S

•Formula memory for repeat calculations. •Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*56H × 202W × 216mmD, 616g (2 1/4"H × 8"W × 8 1/2"D, 1.4 lbs).

Formula Memory!

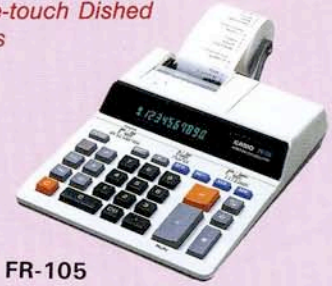


FR-121

•Formula memory for repeat calculations. •Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*56H × 202W × 216mmD, 616g (2 1/4"H × 8"W × 8 1/2"D, 1.4 lbs).

Formula Memory!  
Sure-touch Dished  
Keys

NEW!



FR-105

•Formula memory for repeat calculations •Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*55H × 185W × 307mmD, 853g (2 1/8"H × 7 1/4"W × 12"D, 1.9 lbs).

Cross-totalling Function and Formula Memory,  
Convenient for Daily Business



■ Cross-totalling calculation

	A	B	Total	C	D	Total	Grand total
X	1500	2800	4300	3400	1900	5300	9600
Y	12800	4600	17400	3800	6600	10400	27800
Sub-total	14300	7400	21700	7200	8500	15700	37400
Z	5500	4700	10200	3600	8700	12300	22500
Total	19800	12100	31900	10800	17200	28000	59900
Ratio (%)	33.06	20.20	53.26	18.03	28.71	46.74	100.00
Proportional allotment	26444	16160	42604	14424	22972	37396	80000



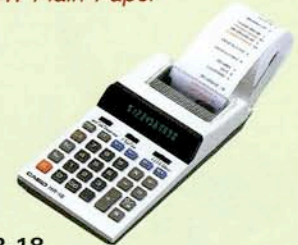
FR-122

•Cross totalling function •Formula memory for repeat calculations. •Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*56H × 202W × 216mmD, 616g (2 1/4"H × 8"W × 8 1/2"D, 1.4 lbs).

2-COLOR PRINTING

2-COLOR PRINTING

58mmW Plain Paper



HR-18

•Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*50H × 101W × 185mmD excluding roll-holder, 441g (2"H × 4"W × 7 1/4"D, 1 lb.).

58mmW Plain Paper

2-COLOR PRINTING



HR-21

•Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*50H × 101W × 185mmD excluding roll-holder, 441g (2"H × 4"W × 7 1/4"D, 1 lb.).

3 Totalling System

2-COLOR PRINTING



HR-110

•Full decimal system: Floating, fixed (0 — 3) with round-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*43.5H × 185W × 232mmD, 498g (1 3/4"H × 7 1/4"W × 9 1/8"D, 1.1 lbs).

3 Totalling System

2-COLOR PRINTING



FR-110S

•Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*56H × 202W × 216mmD, 608g (2 1/4"H × 8"W × 8 1/2"D, 1.3 lbs).

Model	Display	Digits	Independent memory	%	Constants	Item counter	Approximations	Ink-roll cartridge	Paper width	Others
FR-101S	Digitron	10	○	○	×/÷	○	○	IR-40	58mm (2 1/4")	Formula memory, Sub-total/total, 3-digit comma markets,  ,  print key.
FR-121	Digitron	12	○	○	×/÷	○	○	IR-40	58mm (2 1/4")	Formula memory, Sub-total/total, 3-digit comma markers,  ,  print key.
FR-105	Digitron	10	○	○	×/÷	○	○	IR-40	58mm (2 1/4")	Formula memory, Sub-total/total, 3-digit comma markets,  ,  print key.
FR-122	Digitron	12	○	○	×/÷	○	○	IR-40	58mm (2 1/4")	Cross totalling function, Formula memory, Sub-total/total/grand total, 3-digit comma markers, .
HR-18	Digitron	10	○	○	×/÷	○	○	IR-40T	58mm (2 1/4")	Sub-total/total, 2-color printing, 3-digit comma markers, .
HR-21	Digitron	12	○	○	×/÷	○	○	IR-40T	58mm (2 1/4")	Sub-total/total, 2-color printing, 3-digit comma markers, .
HR-110	Digitron	10	○	○	×/÷	○	○	IR-40T	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, .
FR-110S	Digitron	10	○	○	×/÷	○	○	IR-40T	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers,  , .

: Quick corrections of mis-entries with the move-back shift key ( ).

### 3-way Totalling System

You can accumulate results in all four basic functions at a touch. It give sub-totals, totals and grand totals.



### 3 Totalling System



FR-120S

•Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*56H × 202W × 216mmD, 613g (2 1/4"H × 8"W × 8 1/2"D, 1.4 lbs).

### 3 Totalling System Sure-touch Dished Keys



FR-125

•Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*55H × 185W × 307mmD, 838g (2 1/8"H × 7 1/4"W × 12"D, 1.8 lbs).

### LINE PRINTING

#### Line Printing



JR-150

•Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*51H × 146W × 310mmD, 757g (2"H × 5 3/4"W × 12 1/4"D, 1.7 lbs).

#### Line Printing



JR-250

•Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*51H × 146W × 310mmD, 757g (2"H × 5 3/4"W × 12 1/4"D, 1.7 lbs).

#### Line Printing Clock & Melody Alarm



JR-410

•Clock •Melody alarm •Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*Calculator — 2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*Clock — two AA size batteries). \*51H × 146W × 310mmD, 807g (2"H × 5 3/4"W × 12 1/4"D, 1.8 lbs).

#### Line Printing Clock & Melody Alarm



JR-510

•Clock •Melody alarm •Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode. \*Calculator — 2-way power source: AC (AD-4150 adaptor) or DC (four AA size batteries). \*Clock — two AA size batteries). \*51H × 146W × 310mmD, 807g (2"H × 5 3/4"W × 12 1/4"D, 1.8 lbs).

### AC-POWERED

#### Practical Design, AC — Plug-in-and-go



FR-1015

•Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*71H × 192W × 263mmD, 1.15kg (2 3/4"H × 7 1/2"W × 10 3/8"D, 2.5 lbs).

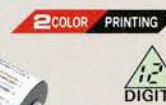
#### Practical Design, AC — Plug-in-and-go



FR-1215

•Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*80H × 192W × 288mmD, 1.2kg (3 1/8"H × 7 1/2"W × 11 3/8"D, 2.6 lbs).

#### 2-Color Printing Doubles Read-off Efficiency!



FR-2215C

•Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*80H × 192W × 288mmD, 1.2kg (3 1/8"H × 7 1/2"W × 11 3/8"D, 2.6 lbs).

Model	Display	Digits	Independent memory	%	Constants	Item counter	Approximations	Ink-roll cartridge	Paper width	Others
FR-120S	Digitron	12	○	○	×/÷	○	○	IR-40T	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, $\frac{\square}{\square}$
FR-125	Digitron	12	○	○	×/÷	○	○	IR-40T	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, $\frac{\square}{\square}$
JR-150	Digitron	10	○	○	×/÷	○	○	IR-72	58mm (2 1/4")	Sub-total/total, $\square$ print key.
JR-250	Digitron	12	○	○	×/÷	○	○	IR-72	58mm (2 1/4")	Sub-total/total, 3-digit comma markers, $\square$ print key.
JR-410	Digitron	10	○	○	×/÷	○	○	IR-72	58mm (2 1/4")	Sub-total/total, Clock, Melody alarm, $\square$ print key.
JR-510	Digitron	12	○	○	×/÷	○	○	IR-72	58mm (2 1/4")	Sub-total/total, 3-digit comma markers, Clock, Melody alarm, $\square$ print key.
FR-1015	Digitron	10	○	○	×/÷	○	○	IR-40	58mm (2 1/4")	Sub-total/total/grand total, 3-digit comma markers, $\square$
FR-1215	Digitron	12	○	○	×/÷	○	○	IR-40	58mm (2 1/4")	Sub-total/total/grand total, 3-digit comma markers, $\square$
FR-2215C	Digitron	12	○	○	×/÷	○	○	IR-40T	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, $\square$

$\square$ : Quick corrections of mis-entries with the move-back shift key ( $\square$ ).



**NEW!**

Line Printing



FR-1011S

• Full decimal system: Floating, fixed (0 — 6) with round-off or cut-off, and ADD mode. \*Power source: AC \*76H × 193W × 302mmD, 1.3 kg (3<sup>3</sup>/<sub>16</sub>"H × 7<sup>5</sup>/<sub>16</sub>"W × 11<sup>7</sup>/<sub>16</sub>"D, 2.8 lbs).

**NEW!**

Line Printing

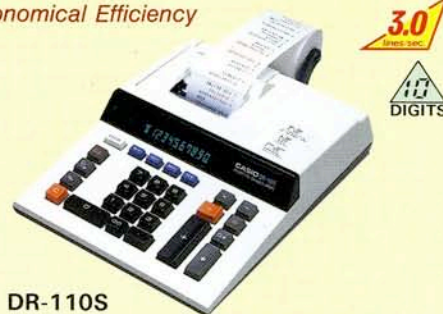


FR-1211S

• Full decimal system: Floating, fixed (0 — 6) with round-off or cut-off, and ADD mode. \*Power source: AC \*76H × 193W × 302mmD, 1.3 kg (3<sup>3</sup>/<sub>16</sub>"H × 7<sup>5</sup>/<sub>16</sub>"W × 11<sup>7</sup>/<sub>16</sub>"D, 2.8 lbs).

**HEAVY-DUTY****2 COLOR PRINTING**

Economical Efficiency

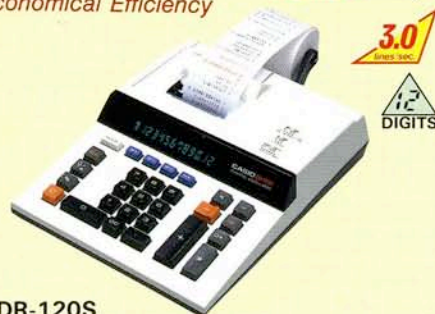
**3.0**  
lines/sec.

DR-110S

• Full decimal system: Floating, fixed (0 — 6) with round-off or cut-off, and ADD mode. \*Power source: AC \*85H × 208W × 343mmD, 1.9 kg (3<sup>3</sup>/<sub>16</sub>"H × 8<sup>3</sup>/<sub>16</sub>"W × 13<sup>1</sup>/<sub>2</sub>"D, 4.2 lbs).



Economical Efficiency

**2 COLOR PRINTING****3.0**  
lines/sec.

DR-120S

• Full decimal system: Floating, fixed (0 — 6) with round-off or cut-off, and ADD mode. \*Power source: AC \*85H × 208W × 343mmD, 1.9 kg (3<sup>3</sup>/<sub>16</sub>"H × 8<sup>3</sup>/<sub>16</sub>"W × 13<sup>1</sup>/<sub>2</sub>"D, 4.2 lbs).

**2 COLOR PRINTING****3.4**  
lines/sec.

DR-115

• Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode (+/-/×/÷). \*Power source: AC \*82H × 212W × 343mmD, 1.9 kg (3<sup>1</sup>/<sub>4</sub>"H × 8<sup>3</sup>/<sub>16</sub>"W × 13<sup>1</sup>/<sub>2</sub>"D, 4.2 lbs).

**2 COLOR PRINTING****3.4**  
lines/sec.

DR-125

• Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode (+/-/×/÷). \*Power source: AC \*82H × 212W × 343mmD, 1.9 kg (3<sup>1</sup>/<sub>4</sub>"H × 8<sup>3</sup>/<sub>16</sub>"W × 13<sup>1</sup>/<sub>2</sub>"D, 4.2 lbs).

High Speed Printing —  
4.6 Lines per Sec.**2 COLOR PRINTING****4.6**  
lines/sec.

DR-140

• Full decimal system: Floating, fixed (0 — 6) with round-off or cut-off, and ADD mode. \*Power source: AC \*88H × 208W × 343mmD, 2.15 kg (3<sup>1</sup>/<sub>2</sub>"H × 8<sup>3</sup>/<sub>16</sub>"W × 13<sup>1</sup>/<sub>2</sub>"D, 4.7 lbs).

Durable for Heavy  
Workloads**2 COLOR PRINTING****3.0**  
lines/sec.

DR-1212S

• Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*87H × 218W × 369mmD, 2.25 kg (3<sup>3</sup>/<sub>16</sub>"H × 8<sup>3</sup>/<sub>16</sub>"W × 14<sup>1</sup>/<sub>2</sub>"D, 5 lbs).

Double Independent  
Memories**2 COLOR PRINTING****3.6**  
lines/sec.

DR-1220S

• Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*87H × 218W × 369mmD, 2.25 kg (3<sup>3</sup>/<sub>16</sub>"H × 8<sup>3</sup>/<sub>16</sub>"W × 14<sup>1</sup>/<sub>2</sub>"D, 5 lbs).



DR-140B

\*Design and specifications are the same as DR-140 except key for fast big-figure entries.

DR-1212SB

\*Design and specifications are the same as DR-1212S except key for fast big-figure entries.

DR-1220SB

\*Design and specifications are the same as DR-1220S except key for fast big-figure entries.

Model	Display	Digits	Independent memory	%	Constants	Item counter	Approximations	Ink-roll cartridge	Paper width	Others
FR-1011S	Digitron	10	○	○	×/÷	○	○	IR-72	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 3-digit comma markers.
FR-1211S	Digitron	12	○	○	×/÷	○	○	IR-72	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 3-digit comma markers.
DR-110S	Digitron	10	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 2-color printing, 3-digit comma markers.
DR-120S	Digitron	12	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 2-color printing, 3-digit comma markers.
DR-115	Digitron	10	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 2-color printing, 3-digit comma markers,
DR-125	Digitron	12	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 2-color printing, 3-digit comma markers,
DR-140	Digitron	12	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 2-color printing, 3-digit comma markers.
DR-1212S	Digitron	12	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, $\Sigma$ AB,
DR-1220S	Digitron	12	2	○	×/÷	○	○	RB-02 GB-02	58mm (2 <sup>1</sup> / <sub>4</sub> "	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, $\Sigma$ AB,

$\Sigma$ AB: Total of multiplicands/dividends and products/quotients

: Quick corrections of mis-entries with the move-back shift key ().



Quiet Printer, Dust Proof

2-COLOR PRINTING

3.0 Lines/sec

12 DIGITS



DR-7210

•Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*91H × 232W × 394mmD, 2.66 kg (3 5/8" H × 9 1/8" W × 15 1/2" D, 5.9 lbs).

Quiet Printer, Dust Proof  
Double Independent Memories

2-COLOR PRINTING

3.5 Lines/sec

12 DIGITS



DR-7220

•Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*91H × 232W × 394mmD, 2.66 kg (3 5/8" H × 9 1/8" W × 15 1/2" D, 5.9 lbs).

Quiet Printer, Dust Proof  
High Speed Printing  
— 4.6 Lines per Sec.

2-COLOR PRINTING

4.6 Lines/sec

12 DIGITS



DR-7250

•Full decimal system: Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*91H × 232W × 394mmD, 2.95 kg (3 5/8" H × 9 1/8" W × 15 1/2" D, 6.5 lbs).

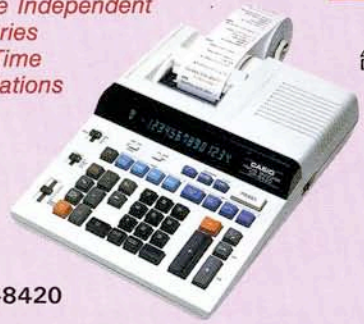
**MAXI-DIGIT PRINTER**

High Speed Printing  
— 4.6 Lines per Sec.  
Double Independent Memories  
Date/Time Calculations

2-COLOR PRINTING

4.6 Lines/sec

14 DIGITS



DR-8420

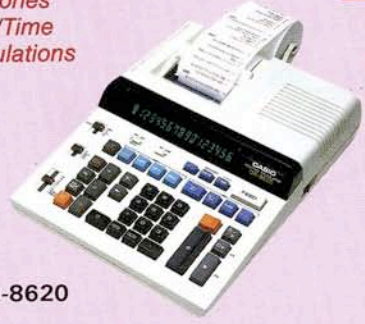
•Date calculations •Time calculations •Full decimal system: Floating, fixed (0 — 8) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*93H × 245W × 392mmD, 3.1 kg (3 5/8" H × 9 5/8" W × 15 1/2" D, 6.8 lbs).

High Speed Printing  
— 4.6 Lines per Sec.  
Double Independent Memories  
Date/Time Calculations

2-COLOR PRINTING

4.6 Lines/sec

15 DIGITS



DR-8620

•Date calculations •Time calculations •Full decimal system: Floating, fixed (0 — 8) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*93H × 245W × 392mmD, 3.1 kg (3 5/8" H × 9 5/8" W × 15 1/2" D, 6.8 lbs).

Double Independent Memories

2-COLOR PRINTING

3.5 Lines/sec

15 DIGITS



DR-1520

•Full decimal system: Floating, fixed (0 — 8) with round-off, round-up or cut-off, and ADD mode. \*Power source: AC \*85H × 230W × 384mmD, 2.76 kg (3 5/8" H × 9" W × 15 1/2" D, 6.1 lbs).

Model	Display	Digits	Independent memory	%	Constants	Item counter	Approximations	Ink-roll cartridge	Paper width	Others
DR-7210	Digitron	12	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, ΣAB, $\frac{\square}{\square}$ , $\square \square$ .
DR-7220	Digitron	12	2	○	×/÷	○	○	RB-02 GB-02	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, ΣAB, $\frac{\square}{\square}$ , $\square \square$ .
DR-7250	Digitron	12	○	○	×/÷	○	○	RB-02 GB-02	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, ΣAB, $\frac{\square}{\square}$ , $\square \square$ .
DR-8420	Digitron	14	2	○	×/÷	○	○	RB-02 GB-02	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, Date calculations, Time calculations, ΣAB, $\frac{\square}{\square}$ , $\square \square$ , $\square \square$ .
DR-8620	Digitron	16	2	○	×/÷	○	○	RB-02 GB-02	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, Date calculations, Time calculations, ΣAB, $\frac{\square}{\square}$ , $\square \square$ , $\square \square$ .
DR-1520	Digitron	15	2	○	×/÷	○	○	RB-02 GB-02	58mm (2 1/4")	Sub-total/total/grand total, 2-color printing, 3-digit comma markers, $\square \square$ .

ΣAB: Total of multiplicands/dividends and products/quotients  
 $\square \square$ : Quick corrections of mis-entries with the move-back shift key ( $\square \square$ ).

**ACCESSORIES AND OPTIONS**

Model	AC adaptor	Ink-roll					Roll paper (Plain paper)		
	AD-4150	IR-61	IR-40	IR-40T	IR-72	PRP-25A × 10 (38mmW)	P-3 × 5 (38mmW)	58mmW paper	
SR-1	○		○			○	○		
HR-8	○		○					○	
HR-16	○		○					○	
MR-100	○	○						○	
MR-200	○	○						○	
HR-200	○		○					○	
HR-100	○		○					○	
HR-121	○		○					○	
FR-101S	○		○					○	
FR-121	○		○					○	
FR-105	○		○					○	
FR-122	○		○					○	
HR-18	○			○				○	
HR-21	○			○				○	
HR-110	○			○				○	
FR-110S	○			○				○	
FR-120S	○			○				○	
FR-125	○			○				○	
JR-150	○				○			○	
JR-250	○				○			○	

Model	AC adaptor	Ink-roll			Ink ribbon		Roll paper (Plain paper)	
	AD-4150	IR-40	IR-40T	IR-72	RB-02	GB-02	58mmW paper	69mmW paper
JR-410	○			○			○	
JR-510	○			○			○	
FR-101S		○					○	
FR-121S		○					○	
FR-2215C			○				○	
FR-1011S				○			○	
FR-1211S				○			○	
DR-110S					○	○	○	
DR-120S					○	○	○	
DR-115					○	○	○	
DR-125					○	○	○	
DR-140					○	○	○	
DR-1212S					○	○	○	
DR-1220S					○	○	○	
DR-7210								○
DR-7220								○
DR-7250								○
DR-1520								○
DR-8420								○
DR-8620								○



# Casiowriter

**DAISY WHEEL PRINT QUALITY,  
PORTABLE VERSATILITY**

## CW-500 **NEW!**

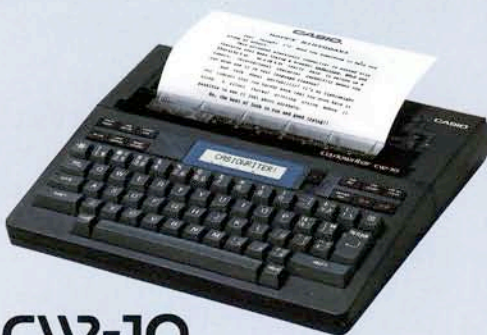
- Multiple print pitches
- Automatic corrections
- Automatic full-page relocation
- Automatic carrier return
- Quick-change ribbons and correction tapes
- A choice of daisy wheels
- 2-way power supply
- Bold, underline printing
- Automatic centering
- Tab centering
- Tab flush
- Automatic indent
- Tab print
- Vertical line printing
- Decimal tab
- 62H x 370W x 323D (mm), 3.15 Kg
- Accessories: AC adaptor, Daisy wheel (Courier 10), Ink ribbon cartridge, Correction tape, Paper



### DAISY WHEELS (OPTIONS)

<b>COURIER 10 (STANDARD) (WL-100)</b> !"#%&'()*+,-./0123456789:;=?@ABCDEFGHIJKLMNO PQRSTUVWXYZ[]_abcdefghijklmnopqrstuvwxyz	<b>COURIER 12 (WL-121)</b> !"#%&'()*+,-./0123456789:;=?@ABCDEFGHIJKLMNO PQRSTUVWXYZ[]_abcdefghijklmnopqrstuvwxyz
<b>PICA 10 (WL-101)</b> !"#%&'()*+,-./0123456789:;=?@ABCDEFGHIJKLMNO PQRSTUVWXYZ[]_abcdefghijklmnopqrstuvwxyz	<b>LETTER GOTHIC 12 (WL-122)</b> !"#%&'()*+,-./0123456789:;=?@ABCDEFGHIJKLMNO PQRSTUVWXYZ[]_abcdefghijklmnopqrstuvwxyz
<b>PRESTIGE ELITE 12 (WL-120)</b> !"#%&'()*+,-./0123456789:;=?@ABCDEFGHIJKLMNO PQRSTUVWXYZ[]_abcdefghijklmnopqrstuvwxyz	<b>CUTLASS 15 (WL-150)</b> !"#%&'()*+,-./0123456789:;=?@ABCDEFGHIJKLMNO PQRSTUVWXYZ[]_abcdefghijklmnopqrstuvwxyz

**WHISPER QUIET DOT MATRIX PRINTING GETS THE JOB DONE ANYWHERE**



## CW-10

- Four printing modes
- Variable line spacing
- Right margin flush
- Automatic relocation
- Automatic justification
- Automatic centering
- Automatic word wrap
- Automatic underline
- Double width characters
- Bold typing
- Auto power off function
- 48H x 320W x 270D (mm), 2.4 Kg
- Accessories: Four SUM-1 batteries, Ink ribbon cassette, Paper



## CW-20

- Same features as CW-10, PLUS:
- Correction memory for entire text
  - 4KB built-in text memory
  - Special character effects
  - 5 phrase memories
  - Automatic line feed
  - Automatic decimal tabulation
  - Optional 4KB/8KB RAM packs
  - 56H x 350W x 330D (mm), 3.7 Kg
  - Accessories: Four SUM-1 batteries, Ink ribbon cassette, Unit cover, Roll paper holder, Paper

### OPTIONS

MODEL	AC ADAPTOR	RAM PACK	RIBBON CASSETTE	RIBBON CARTRIDGE	CORRECTION TAPE	ROLL THERMAL PAPER	RECHARGEABLE NiCd BATTERY PACK	THERMAL PAPER (100 sheets)	HARD CASE
CW-10	AD-4845	—	IR-10B/IR-10C	—	—	—	NP-104	TSP-100 (A-4)	CC-10
CW-20	AD-4845	MP-4/MP-8	IR-20B/IR-20C	—	—	TRP-55	NP-104	TSP-100 (A-4)	—
CW-500	AD-4890	—	—	IR-50	LT-50	—	NP-513	—	—

\*IR-10B/20B: 3-PACK BLACK RIBBON, IR-10C/20C: BLACK-BLUE-RED RIBBONS, MP-4: 4KB, MP-8: 8KB



# THE COMPACT PERSONAL THAT OPENS THE WORLD OF COMPUTERS FOR THE WHOLE FAMILY!!

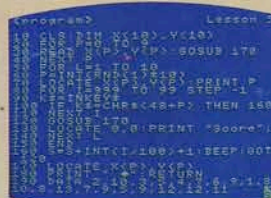
**MSX** **NEW!**



Create your own original games or other software!



Use one of the many software cartridges! (MSX standard)



All programming is easy to understand BASIC!



A few simple commands let you draw your own graphics!

## MSX-15

Owning an MSX computer makes you part of a network of users who enjoy compatibility with much of the MSX hardware and software on the market today. The popularity of this standard has resulted in selection of software and peripheral devices for the versatility to perform any computer task imaginable.

### OPTIONS



#### Beginner's BASIC I, Beginner's BASIC II

Now BASIC is made easy to learn thanks to CASIO's original BASIC FOR BEGINNERS software series. Take a step-by-step approach to learn about flow charts, variables, arrays, loops and graphics. Even if you've never touched a computer before, these two personal tutors will soon have you well on your way to being an accomplished programmer.



#### CAR FIGHTER

You are entrusted in taking a shipment of precious jewels from California to Washington D.C. Use all of your driving skills to outwit cunning spies and accomplish your mission!



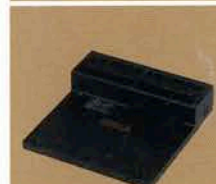
#### EXOIDE Z

Become the commander of EXOIDE Z, the powerful space robot. Match your mind and muscle in one of the most exciting computer games ever created!



#### JOYSTICK (TJ-7)

Add more exciting action to your programs. A touch of the joystick results in instant movement on the screen.



#### EXPANSION UNIT (KB-15)

Two additional slots allow memory expansion for larger programs. A Centronics interface allows connection of a printer.



#### RAM EXPANSION CARTRIDGE (OR-216/264)

Simply plug a cartridge into the KB-15 expansion unit to expand memory. Optional cartridges are available for expansion up to either 32KB or a full 64KB of computing power.

### SPECIFICATIONS

**CPU:** Z80A compatible (3.58MHz)  
**MEMORY**  
**ROM:** 32KB (MSX BASIC ROM)  
**RAM:** 16KB  
**VRAM:** 16KB  
**DISPLAY OUTPUT**  
**Character display:** 32(H) × 24(V) chrs. (40(H) × 24(V) max. with SCREEN 0)

**Character configuration:** 8 × 8 dot matrix  
**Characters:** English, graphic symbols  
**Number of dots:** 256(H) × 192(V)  
**Colors:** 16  
**Sound:** 8 octaves, 3-note chords, notes  
**KEYBOARD**  
**Total keys:** Keys, function keys, joypad (8 directions), trigger (2 input)

**CRT interface:** RF signal or video signal output  
**Size:** 257(W) × 200(D) × 44.3(H)mm  
**Weight:** 1000 g  
**Power supply:** 120V/220V/240V AC  
**Power consumption:** 7.3W  
**Operating temperature:** 0°C—40°C  
**Accessories:** Switch box, connecting cord, AC adaptor

MSX mark is a trademark of Microsoft Corporation.

\*Specifications and designs may be subject to change without notice.

**CASIO**  
 PRINTED IN JAPAN