CALCULATOR COLLECTION 2023

# DESIGN AND SUSTAINABILITY

**Canon**

Calculator Collection 2023

# CANON'S CALCUALTORS &
# RECYCLED MATERIALS

With Canon's corporate philosophy of 'Kyosei' - living and working together for the common good' in mind, we work together to create a circular economy to reduce our impact on the environment. To offer users sustainable choices, most of our calculator collections are made of 5% - 60% of postconsumer recycled content (PCR). We also embed traditional Canon calculator craftsmanship with a modern solar powered battery supporting the environment



**7 CANON CALCULATORS**

1. Waste Plastic Material from Production and Old Products
2. Recycling Plastic
3. Recycled Plastic
4. Produce Plastic Case
5. Plastic Cases or Display Panels from Recycled Material
6. Assemble New Product

# DESIGN AND
# SUSTAINABILITY

With the user in mind, Canon creates a range of calculators for each and every requirement. Our design is the integration of simplicity, style and function.
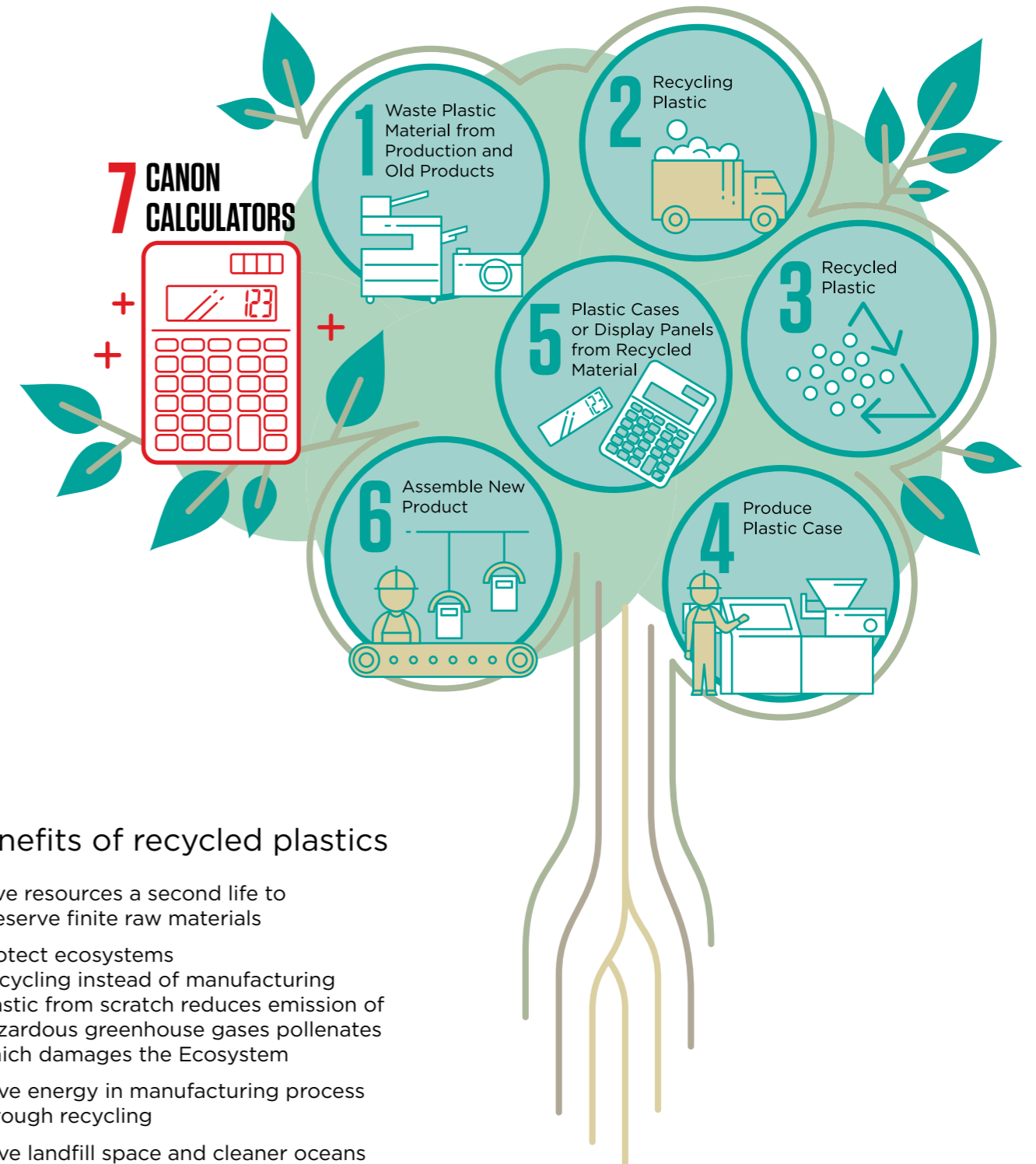
## Benefits of recycled plastics

• Give resources a second life to preserve finite raw materials

• Protect ecosystems
Recycling instead of manufacturing plastic from scratch reduces emission of hazardous greenhouse gases pollenates which damages the Ecosystem

• Save energy in manufacturing process through recycling

• Save landfill space and cleaner oceans

For further information about sustainability at Canon EMEA, visit www.canon-europe.com/sustainability/

K, representing chroma, is Canon calculator series that emphasises colour and lifestyle.

Package Type:
**Double Card Blister (DBL)**



At least **10%** RECYCLED PLASTIC

# K SERIES

Embracing colour and lifestyle

**DESKTOP 12 DIGITS** **LS-123K**

Size: 145 x 104 x 25mm
Weight: 119g

- Large display
- Tax calculation
- Grand total memory
- Slim body design with trendy colours

Available in:

| PINK | BLUE | GREEN | ORANGE |
|------|------|-------|--------|
| LS-123K-MPK | LS-123K-MBL | LS-123K-MGR | LS-100K-MOR |

## Tax Calculation

**TAX+** **TAX−** / **TAX+** / **TAX−**
Adds or subtracts the predetermined sales tax rate (%) to/from the calculation.

**E.g. Rate: 5%**

| Storing tax rate | |
|------------------|---|
| Operation | Display |
| ON CA SET 5 SET | (TAX%        5.) |

| Recall tax rate | |
|-----------------|---|
| Operation | Display |
| ON CA RECALL | (TAX%        5.) |

**E.g. Price $2000 without tax**

| Calculation | Operation | Display |
|-------------|-----------|---------|
| Selling price with tax= ? | 2000 TAX+ | (TAX%    2'100.) |
| Tax= ? | TAX+ | (TAX      100.) |

**E.g. Price $3150 with tax**

| Calculation | Operation | Display |
|-------------|-----------|---------|
| Price without tax= ? | 3150 TAX− | (TAX−    3'000.) |
| Tax= ? | TAX− | (TAX      150.) |

# K series *Mini*

**The little things in life that count.**

Carrying on K series original concept, Canon has extended the line-up with a smaller but equally desirable LS-100K ( K series *Mini* )
With metallic finish, the sleek design is complementary to home interior or office décor.

Package Type:
**Hangable Window Box (HWB)**

At least **10%** RECYCLED PLASTIC

**DESKTOP 10 DIGITS** **LS-100K**
Size: 118.5 x 83 x 22mm / Weight: 90g
• Large display
• Grand total memory
• Tax calculation

Available in:
**BLUE** LS-100K-MBL  **PINK** LS-100K-MPK

# K series *Mini*

Embracing colour and lifestyle
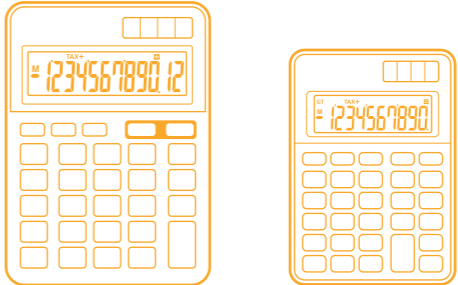
**K series**
H145 x W104mm

**K series *Mini***
H118.5 x W83mm

| | Digits | Type | Power Source | Battery | Tax Calculation | Memory | GT | %± | ⟳ | → | 00/000 | Recycled Content | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **K series** | 12 | Desktop | Dual Power | LR44 | ✓ | 1 | ✓ | ✓ | ✓ | ✓ | 00 | ✓ | 145 x 104 x 25mm | 119 |
| **K series Mini** | 10 | Mini Desktop | Dual Power | LR44 | ✓ | 1 | ✓ | ✓ | ✓ | ✓ | 00 | ✓ | 118.5 x 83 x22mm | 90 |

Specifications are subject to change without notice.

The TS-1200TSC is at the top end of Canon's Essential Series, offering a range of advanced functions. The stylish design combines clear layout with an excellent range of features ideal for business use.

Package Type:
**Double Card Blister (DBL)**

**DESKTOP 12 DIGITS**

**TS-1200TSC**

Size: 179 x 126.5 x 18mm / Weight: 194g

• Metal faceplate
• Tax and business calculation
• Currency conversion
• Large adjustable display

**Business Calculation Function**

COST / SELL / MARGIN   Performs cost, selling price and profit margin calculation. Enter any two values to obtain the balance value item.

**Examples**

| Cost | Sell | Margin | Calculation |
|------|------|--------|-------------|
| ? | $2000 | 30% | ON/CA 2000 SELL 30 MARGIN ➡ 1400 |
| $1500 | ? | 20% | ON/CA 1500 COST 20 MARGIN ➡ 1875 |
| $1500 | $2000 | ? | ON/CA 1500 COST 2000 SELL ➡ 25 |

At least **20%** RECYCLED PLASTIC

# ESSENTIALS

Inspired by traditional Canon craftsmanship.
Combining simplicity, sustainability and user-friendliness.
Ideal companion for business professionals.

| | Digits | Type | Power Source | Battery | Preset Decimal | Tax Calculation | Currency Conversion | Memory | %± | ↻ | → | Rounding | 00/000 | Adjustable / Angle Display | Recycled Content | Size (mm) | Weight (g) |
|---|--------|------|-------------|---------|----------------|-----------------|---------------------|--------|-----|---|---|----------|--------|----------------------------|------------------|-----------|------------|
| **TS-1200TSC** | 12 | Desktop | Dual Power | LR44 | +4210F | ✓ | ✓ | 1 | ✓ | ✓ | ✓ | ↑5/4↓ | 00 | Adjustable | ✓ | 179 x 126.5 x 18 | 194 |

Specifications are subject to change without notice.

# ESSENTIALS

Inspired by traditional Canon craftsmanship.
Combining simplicity, sustainability and user-friendliness.
Ideal companion for business professionals.

Package Type:
**Double Card Blister (DBL)**

**DESKTOP 12 DIGITS** HS-20TSC

Size: 179.5 x 108 x 26mm / Weight: 159g

- Metal faceplate
- Tax and business calculation
- Currency conversion
- Foldable kickstand
- Large upright display

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Package Type:
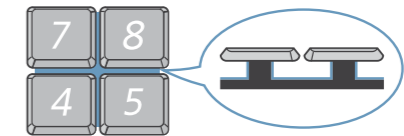**Double Card Blister (DBL)**

**DESKTOP 12 DIGITS** TX-1210E

Size: 175 x 126 x 30mm / Weight: 172g

- Tax calculation
- Currency conversion
- Stable stroke, "IT-touch" keyboard

**IT-touch Keyboard**

Without pit between keytops for quick and accurate entry.

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Package Type:
**Double Card Blister (DBL)**

**DESKTOP 12 DIGITS** LS-122TS

Size: 149 x 106 x 24mm / Weight: 113g

- Metal faceplate
- Tax and business calculation
- Large upright display

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Package Type:
**Double Card Blister (DBL)**

**DESKTOP 10 DIGITS** LS-102TC

Size: 149 x 106 x 24mm / Weight: 113g

- Metal faceplate
- Tax calculation
- Grand total memory
- Currency conversion
- Large upright display

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Package Type:
**Hangable Box (HB)**

**DESKTOP 12 DIGITS** WS-1210T

Size: 198 x 150 x 38mm / Weight: 238g

- Tax calculation
- Mark-up calculation
- Grand total memory
- Adjustable LCD display
- Stable stroke, "IT-touch" keyboard

**Adjustable Display**

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| | Digits | Type | Power Source | Battery | Preset Decimal | Tax Calculation | Currency Conversion | Memory | GT | %± | ↻ | → | Rounding | 00/000 | Adjustable / Angle Display | Recycled Content | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HS-20TSC** | 12 | Desktop | Dual Power | LR44 | +4210F | ✓ | ✓ | 1 | – | ✓ | – | ✓ | ⬆5/4⬇ | 00 | Upright Angle | ✓ | 179.5 x 108 x 26 | 159 |
| **LS-122TS** | 12 | Mini Desktop | Dual Power | LR44 | – | ✓ | – | 1 | – | ✓ | ✓ | ✓ | – | – | Upright Angle | ✓ | 149 x 106 x 24 | 113 |
| **LS-102TC** | 10 | Mini Desktop | Dual Power | LR44 | – | ✓ | ✓ | 1 | ✓ | ✓ | ✓ | ✓ | – | – | Upright Angle | ✓ | 149 x 106 x 24 | 113 |

Specifications are subject to change without notice.

| | Digits | Type | Power Source | Battery | Preset Decimal | Tax Calculation | Currency Conversion | Memory | MU | GT | RV | %± | √ | ↻ | → | Rounding | 00/000 | Adjustable / Angle Display | Keytops | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TX-1210E** | 12 | Desktop | Dual Power | CR2032 | +43210F | ✓ | ✓ | 1 | ✓ | ✓ | – | ✓ | ✓ | ✓ | ✓ | ⬆5/4⬇ | 00 | Upright Angle | Plastic | 175 x 126 x 30 | 172 |
| **WS-1210T** | 12 | Desktop | Dual Power | LR44 | +4320F | ✓ | – | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ⬆5/4⬇ | 00 | Adjustable | Plastic | 198 x 150 x 38 | 238 |

Specifications are subject to change without notice.

# ECONOMICAL

A modest collection with thoughtful and sustainable design. Created for general households and offices.

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Package Type:
**Hangable Box (HB)**

Package Type:
**Double Card Blister (DBL)**

**At least 20% RECYCLED PLASTIC**

**DESKTOP 12 DIGITS**

## AS-120 II

Size: 144 x 100 x 29mm / Weight: 104g

- Dot pattern faceplate
- Mark-up calculation
- Reverse function
- Grand total memory
- Large upright display

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### MU Mark-up Calculation

| MU | RV |

**MU** Used for markup. Calculates the selling price and profit based on the cost price and profit margin percentage.

**E.g. Cost $2000, Profit= 20% of selling price**

**Selling price=?**

| Operation | Display |
|---|---|
| 2000 ÷ 20 MU | (2'500.) |

**Profit=?**

| Operation | Display |
|---|---|
| MU | (500.) |

### RV Reverse Function

| MU | RV |

**RV** Automatically swaps the operator and operand of calculation.

**E.g. "5 ÷ 10" change to "10 ÷ 5".**

| Operation | Display |
|---|---|
| 5 ÷ 10 RV = | (2.) |

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Package Type:
**Hangable Box (HB)**

**At least 10% RECYCLED PLASTIC**

**DESKTOP 12 DIGITS**

## AS-220RTS

Size: 150 x 134 x 36mm / Weight: 150g

- Extra large display
- 120 steps check-and-correct function
- Auto-check function
- Business calculation
- Tax calculation

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### 120 Steps Check-and-Correct Function

**AUTO CHECK** Automatically scrolls through the calculation step from beginning to end. (Up to 120 steps)

**CORRECT** Correct key allows for correcting calculation contents in the Replay mode.

Replay key allows for reviewing the previous or next calculation step.

**E.g. Correct "+300" to "-200".**

**(500+300-60) x 5**

| Operation | Display |
|---|---|
| 500 + 300 - 60 × 5 = | (05 ='3'700.) |
| Press ▼ 2 times | (02 CHECK +300.) |

**Correct to "-200"**

| Operation | Display |
|---|---|
| CORRECT | (02 CORRECT +300.) |
| - 200 CORRECT | (02 CHECK -200.) |

**(500+300-60) x 5**

| Operation | Display |
|---|---|
| Press ▼ 3 times | (02 CHECK ='1'200.) |

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Package Type:
**Hangable Box (HB)**

**At least 20% RECYCLED PLASTIC**

**DESKTOP 12 DIGITS**

## AS-1200

Size: 177 x 119 x 37mm / Weight: 152g

- Mark-up and reverse function
- Grand total memory

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Package Type:
**Hangable Box (HB)**

**At least 5% RECYCLED PLASTIC**

**DESKTOP 12 DIGITS**

## AS-2200

Size: 198 x 140 x 34mm / Weight: 212g

- Mark-up and reverse function
- Grand total memory
- Adjustable LCD display

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Package Type:
**Hangable Box (HB)**

**At least 5% RECYCLED PLASTIC**

**DESKTOP 14 DIGITS**

## AS-2400

Size: 198 x 140 x 34mm / Weight: 212g

- Mark-up and reverse function
- Grand total memory
- Adjustable LCD display

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| | Digits | Type | Power Source | Battery | Business Calculation | Tax Calculation | Check & Correct | Memory | MU | GT | RV | %± | √ | ↻ | → | 00/000 | Adjustable / Angle Display | Recycled Content | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS-120 II | 12 | Semi-Desktop | Dual Power | LR44 | — | — | — | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 00 | Upright Angle | ✓ | 144 x 100 x 29 | 104 |
| AS-220RTS | 12 | Desktop | Dual Power | LR44 | ✓ | ✓ | ✓ | 1 | — | — | — | ✓ | — | ✓ | ✓ | 00 | Upright Angle | ✓ | 150 x 134 x 36 | 150 |

Specifications are subject to change without notice.

| | Digits | Type | Power Source | Battery | Preset Decimal | Memory | MU | GT | RV | %± | √ | ↻ | → | Rounding | 00/000 | Adjustable / Angle Display | Recycled Content | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS-1200 | 12 | Semi Desktop | Dual Power | LR44 | +4320F | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 5/4 | 00 | Upright Angle | ✓ | 177 x 119 x 37 | 152 |
| AS-2200 | 12 | Desktop | Dual Power | LR44 | +4320F | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 5/4 | 00 | Adjustable | ✓ | 198 x 140 x 34 | 212 |
| AS-2400 | 14 | Desktop | Dual Power | LR44 | +4320F | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 5/4 | 00 | Adjustable | ✓ | 198 x 140 x 34 | 212 |

Specifications are subject to change without notice.

# POCKET CALCULATORS

Compact calculator with user-friendliness & functionality.



Package Type:
**Hangable Box (HB)**

Canon AS-8

At least
**20% RECYCLED PLASTIC**

**HANDHELD 8 DIGITS** **AS-8**
Size: 97 x 60 x 11.4mm / Weight: 41g
• 360° rotation upward folding hard cover

Package Type:
**Double Card Blister (DBL)**

At least
**60% RECYCLED PLASTIC**

**HANDHELD 10 DIGITS** **LS-10TEG**
Size: 122 x 78 x 14mm / Weight: 92g
• Tax calculation
• Currency conversion
• 360° rotating hard cover

Package Type:
**Double Card Blister (DBL)**

**HANDHELD 8 DIGITS** **LS-39E**
Size: 119.5 x 73.5 x 11.5mm / Weight: 65.5g
• Currency conversion
• 360° upward folding hard cover

Package Type:
**Double Card Blister (DBL)**

**HANDHELD 8 DIGITS** **LS-270H**
Size: 102 x 61 x 10mm / Weight: 37g
• Mark-up function
• Metallic silver coating
• Wallet case included

| | Digits | Type | Power Source | Battery | Tax Calculation | Currency Conversion | Memory | MU | %± | √ | ⟳ | Recycled Content | Wallet Case | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AS-8** | 8 | Handheld | Battery | LR54 | – | – | 1 | – | ✓ | ✓ | – | ✓ | – | 97 x 60 x 11.4 | 41 |
| **LS-10TEG** | 10 | Handheld | Dual Power | CR2016 | ✓ | ✓ | 1 | – | ✓ | – | – | ✓ | – | 122 x 78 x 14 | 92 |
| **LS-270H** | 8 | Handheld | Dual Power | LR54 | – | – | 1 | ✓ | ✓ | ✓ | ✓ | – | ✓ | 102 x 61 x 10 | 37 |
| **LS-39E** | 8 | Handheld | Dual Power | LR54 | – | ✓ | 1 | – | ✓ | – | – | – | – | 119.5 x 73.5 x 11.5 | 65.5 |

Specifications are subject to change without notice.

# PRINTING CALCULATORS

Built for heavy duty usage.
The perfect tool for account professionals and general purposes.

Package Type:
**Hangable Window Box (HWB)**

**PRINTER 12 DIGITS**
Printing colour: **Blue**

## P1-DTSC II

Size: 196 x 99 x 40mm / Weight: 304g

- **Double check function**
- Tax, business and currency conversion functions
- Time calculation functions
- Decimal (F0234A) and rounding selection
- Easy paper loading
- Low battery indicator
- Dual power operation:
  4 x AA batteries or AC adapter AD-11 III
  (AD-11 III purchase separately)
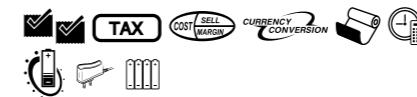
### Double Check Function

**MODE | START CHECK**

Verification of calculation by checking re-entered operation match with entered operation.

**E.g. Correct entry: 400+280-78=602**

| Operation | | Print Out | |
|---|---|---|---|
| | | - - - - - - - # # - - - - - - - | |
| MODE | (Start Entry) | 0. C | ✳ |
| 400 + | | 400.00 | + |
| 280 + | | 280.00 | + |
| 78 − | | 78.00 | − |
| ✳ | | 602.00 | ✳ |
| START CHECK | | •••••••••••••••••• | |
| 400 + | (Start check) | 400.00 | + |
| 280 + | | 280.00 | + |
| 78 − | | 78.00 | − |
| ✳ | | 602.00 | ✳ |

**E.g. Incorrect entry: 400+280-87=593**

| Operation | | Print Out | |
|---|---|---|---|
| START CHECK | | •••••••••••••••••• | |
| 400 + | (Start check) | 400.00 | + |
| 280 + | | 280.00 | + |
| 87 − | | 87.00 | − |
| ✳ | | ,,,,,,,,,,,,,,,,,, | |
| | | 593.00 | ✳ |

(P1-DTSC II supports blue color printing only.)

**4.3 lines/ sec**

MP1411-LTSC-es with 14-digit

MP1211-LTSC-es with 12-digit

**2.0 lines/ sec**

MP120-MG-es II with 12-digit

P23-DTSC II with 12-digit

**2.0 lines/ sec**

P1-DTSC II with 12-digit

Market Positioning

1-Colour — 2-Colour
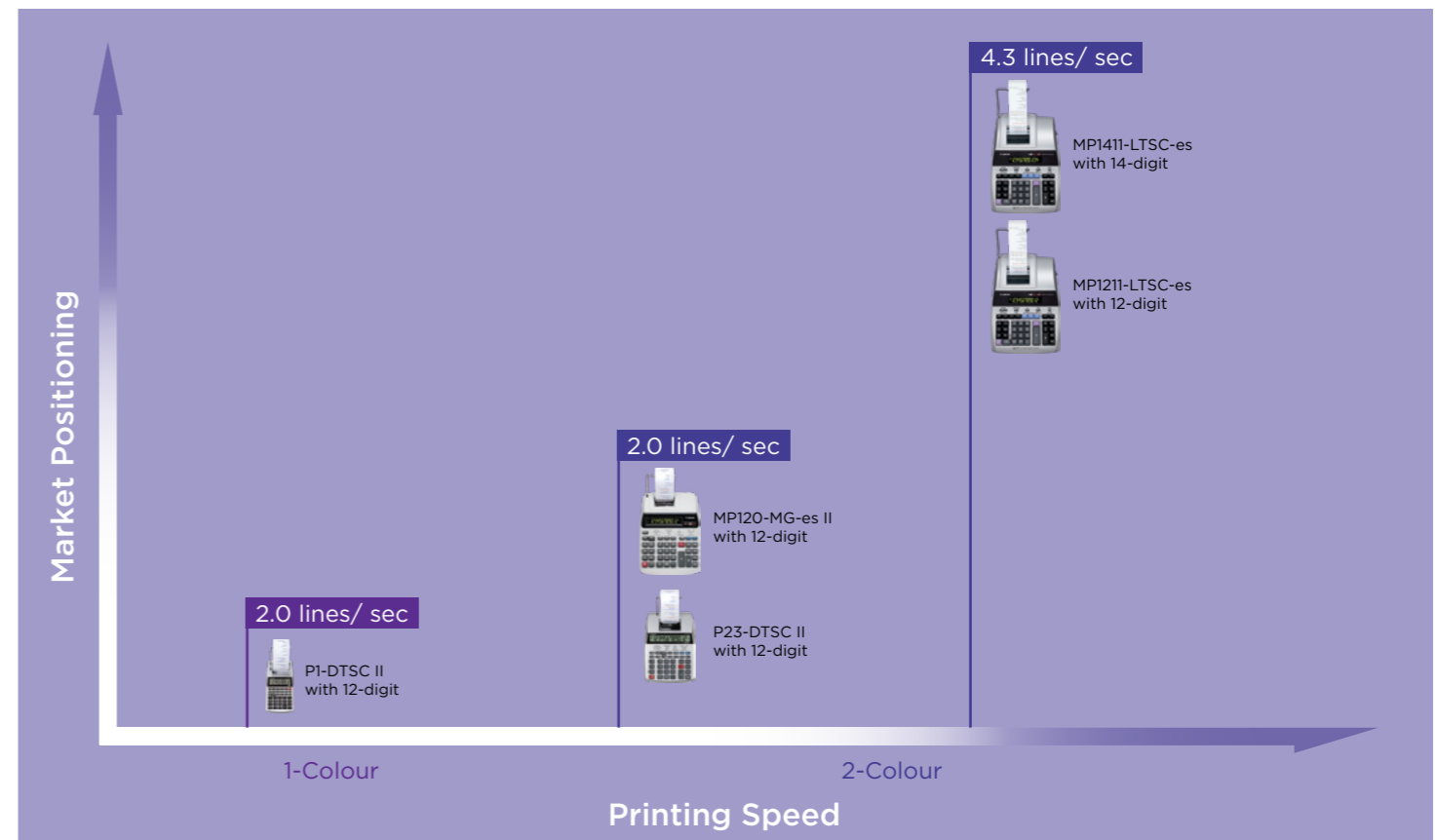
**Printing Speed**

| | Digits | Display Type | Power Source | Printing Speed (l/s) | Printing Colour | Double Check | Tax Calculation | Business Calculation | Currency Conversion | Memory | Preset Decimal | %± | # | Rounding | Constant | Ink Cartridge | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **P1-DTSC II** | 12 | 1-colour LCD | DC (4 x AA Batteries) / AC (AD-11 III) - Optional | 2.0 | 1 | ✔ | ✔ | ✔ | ✔ | 1 | F0234A | ✔ | ✔ | 5/4 | | ✔ | CP-16 / CP-16 II | 196 x 99 x 40 | 304 |

Specifications are subject to change without notice.

# PRINTING CALCULATORS

Built for heavy duty usage.
The perfect tool for account professionals and general purposes.

**Package Type:**
**Gift Box (GB)**

**PRINTER**
**12 DIGITS**

Printing colour: Blue Red

## MP120-MG-es II

Size: 266 x 189 x 62 mm / Weight : 557g

- **Illuminated 2-colour display**
- **Double check function**
- Tax, business and currency conversion functions
- Decimal (+01234F) and rounding selection
- Clock and calendar function
- Time calculation function
- Energy efficient power system (ErP standard)

**At least 20% RECYCLED PLASTIC**
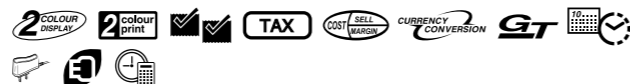
### Illuminated 2-Colour Display

Illuminated Display - green colour for positive calculation.

Illuminated Display - red colour for negative calculation.

**Package Type:**
**Hangable Window Box (HWB)**

**PRINTER**
**12 DIGITS**

Printing colour: Blue Red

## P23-DTSC II

Size: 230 x 163 x 56mm / Weight: 472g

- **Double check function**
- Tax, business and currency conversion functions
- Clock and calendar functions
- Decimal (+01234F) and rounding selection
- Low battery indicator
- Dual power operation:
  4 x AA batteries or AC adapter AD-11 III (AD-11 III purchase separately)

**Package Type:**
**Gift Box (GB)**

**PRINTER**
**12 DIGITS**

**PRINTER**
**14 DIGITS**

## MP1211-LTSC-es
## MP1411-LTSC-es

Printing colour: Black Red

Size: 334 x 219 x 74.5mm / Weight: 1400g

- **Tax, business and currency conversion functions**
- Cash change function
- Decimal (+02346F) and rounding selection
- Illuminated 2-colour display
- Silent and stable stroke keyboard
- Energy efficient power system, main AC power ON/OFF (ErP standard)

Available in:
| 12-digit | 14-digit |
|---|---|
| MP1211-LTSC-es | MP1411-LTSC-es |

### Ink Cartridges and Accessories

**AC adaptor AD-11 III**
- P1-DTSC II
- P23-DTSC II
- MP120-MG-es II

**Ink Ribbon EP-102**
- MP1211-LTSC-es
- MP1411-LTSC-es

**Ink Roller CP-13 II**
- MP120-MG-es II
- P23-DTSC II

**Ink Roller CP-16 II**
- P1-DTSC II

| | Digits | Display Type | Power Source | Backup Battery | Printing Speed (l/s) | Printing Colour | Double Check | Tax Calculation | Business Calculation | Currency Conversion | Memory | Clock & Calendar | Preset Decimal | GT | Item Count | %± | # | → | Rounding | Constant | 00/000 | Ink Cartridge | Recycled Content | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MP120-MG-es II** | 12 | 2 colour LCD | AC (AD-11 III) | CR2032 | 2.0 | 2 | ✓ | ✓ | ✓ | ✓ | 1 | ✓ | +01234F | ✓ | ✓ | ✓ | ✓ | ↰5/4↓ | ✓ | | 000 | CP-13 / CP-13 II | | 266 x 189 x 62 | 557 |
| **P23-DTSC II** | 12 | 1-colour LCD | DC (4 x AA Batteries) / AC (AD-11 III) - Optional | — | 2.0 | 2 | ✓ | ✓ | ✓ | ✓ | 1 | — | +01234F | ✓ | ✓ | ✓ | ✓ | ↰5/4↓ | ✓ | | 00 | CP-13 / CP-13 II | — | 230 x 163 x 56 | 472 |

| | Digits | Display Type | Power Source | Backup Battery | Printing Speed (l/s) | Printing Colour | Tax Calculation | Business Calculation | Currency Conversion | Memory | Cash Change | Preset Decimal | GT | Item Count | %± | # | → | Rounding | Constant | 00/000 | Ink Cartridge | Size (mm) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MP1211-LTSC-es** | 12 | 2 colour LCD | AC | CR2032 | 4.3 | 2 | ✓ | ✓ | ✓ | 1 | ✓ | +02346F | ✓ | ✓ | ✓ | ✓ | ✓ | ↰5/4↓ | Multiplication & Division | 00/000 | M-310/ EP-102 | 334 x 219 x 74.5 | 1400 |
| **MP1411-LTSC-es** | 14 | 2 colour LCD | AC | CR2032 | 4.3 | 2 | ✓ | ✓ | ✓ | 1 | ✓ | +02346F | ✓ | ✓ | ✓ | ✓ | ✓ | ↰5/4↓ | Multiplication & Division | 00/000 | M-310/ EP-102 | 334 x 219 x 74.5 | 1400 |

Specifications are subject to change without notice.

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# SCIENTIFIC

Ranging from entry to professional models, we provide the best solutions for your mathematical problems.

**Package Type:**
Double Card Blister (DBL)

## F-715SG

**SCIENTIFIC 250 FUNCTIONS & FEATURES**

Size: 168 x 86.3 x 17.8mm / Weight: 124g

- 17 store and recall memories
- Least Common Multiple & Greatest Common Divisor
- Quotient & Remainder calculation (Q...r)

Available in:

| BLACK | BLUE | PINK |
|---|---|---|
| F-715SG-BK | F-715SG-WHB | F-715SG-WHM |

At least **30%** RECYCLED PLASTIC

At least **10%** RECYCLED PLASTIC

At least **10%** RECYCLED PLASTIC

**Package Type:**
Hangable Window Box (HWB)
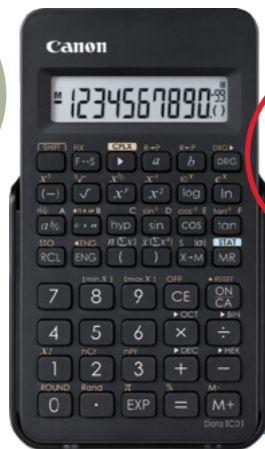
◀ Available on request

## F-605G

**SCIENTIFIC 154 FUNCTIONS & FEATURES**

Size: 122 x 73 x 12mm / Weight: 70g

- Non-programmable model suitable for school
- 10 digits mantissa + 2 digits exponent display

At least **20%** RECYCLED PLASTIC

| | F-715SG | F-605G |
|---|---|---|
| No. of Functions & Features | 250 | 154 |
| **MEMORY** | | |
| No. of Store Memory | 17 | 6 |
| **BASIC MATHEMATICS CALCULATIONS** | | |
| Calculation Expression Direct Input | ● | — |
| Parentheses | 24 | 15 |
| $x^2$, $\sqrt{}$, $1/x$, $x^y$, $x\sqrt{}$, $x!$, $x^3$, $^3\sqrt{}$ | ● | ● |
| Fractions, Fractions & Decimal Conversion | ● | ● |
| Permutations & Combinations (nPr, nCr) | ● | ● |
| Exponential & Logarithmic | ● | ● |
| $\log_a b$ | ● | — |
| Absolute Value Calculation | ● | — |
| LCM & GCD | ● | — |
| Quotient Remainder (Q...r) | ● | — |
| Trigonometric Functions | ● | ● |
| Random Number Generation (Rand) | ● | ● |
| Integer Random Number Generation (i-Rand) | ● | — |
| **STATISTICS** | | |
| 1- / 2- Variable | ● | 1 |
| Mean, Standard Deviation, Sum of Value | ● | ● |
| Median Value | ● | — |
| Regression Analysis | ● | — |
| Correlation Coefficient (r) | ● | — |
| **GEOMETRY** | | |
| Coordination Conversion (Rec <-> Pol) | ● | ● |
| **ALGEBRA & CALCULUS** | | |
| Complex Number Calculation | — | ● |
| **COMPUTER MATHS** | | |
| Base-N Calculation (Bin, Oct, Dec, Hex) | — | ● |
| **SPECIAL FEATURES** | | |
| Multiple Replay & Last Digit Correction | ● | — |
| Undo/ Input Recovery | ● | — |
| Internal Calculation Digits | 16 digits | 14 digits |
| **DISPLAY** | | |
| Display | 2-line | 1-line |
| Low Battery Indicator | ● | — |
| **SPECIFICATIONS** | | |
| Power Source | Solar + Battery | Battery |
| Battery | LR44 x 1 | LR54 x 1 |
| Dimensions L x W x H (mm) - with hard cover | 168 x 86.3 x 17.8 | 122 x 73 x 12 |
| Weight (g) - with hard cover | 124 | 70 |

Specifications are subject to change without notice.

# GLOSSARY OF FUNCTIONS

**ALGEBRAIC OPERATING SYSTEM**
Algebraic expressions can be entered just as they are written. A predetermined priority level exists which first calculates high priority then low priority operators e.g.: Multiplication and division completed prior to addition and subtraction i.e.: 4 + 6 x 4 = 28

**ADDING MACHINE OPERATING SYSTEM**
Also described as Business Machine Logic. Numbers entered need to be denoted whether they are positive (debits) or negative (credits). In general it is used with the printing calculators.

## OPERATION KEY SWITCHES/ BUTTONS

**Decimal Point Selection**  `+ 4 3 2 1 0 F` / `DECSET`

**Fixed**
Results are calculated to a pre-selected number of decimal places e.g. 2, 3 or 4 etc in accordance with the rounding switch.

**Floating (F)**
Results are displayed and printed with no limit on decimal places except the capacity of the display.

**Add Mode (+)**
Decimal point placed before last two digits on display and printout. No decimal point entry is needed, therefore suitable for currency cash calculations.

**Rounding Selection**  `5/4`

**Rounding off (5/4)**
Result of multiplication and division rounded to a whole number
e.g. 2.4 = 2 and 2.5 = 3

**Rounding down (5/4 ↓)**
Result reduced to nearest whole number
e.g. 2.6=2

**Rounding up ( ↑5/4)**
Result increased to nearest whole number
e.g. 2.2 = 3

**Item Count**  `ITEM OFF n+ n+/-`

**Item (OFF / n+ / n+/-)**
Each addition and subtraction entry is counted and printed on the left side of the paper roll.

**Accumulation**

**AM**
Entries or results automatically accumulated in the first memory.

**Constant**
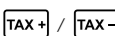
**K**
Performs multiplication and division calculations by a manual constant.

## FUNCTION KEY BUTTONS

### BUSINESS CALCULATION

`COST` / `SELL` / `MARGIN`

Performs cost, selling price and profit margin calculation. Enter to obtain the balance value item.

### TAX CALCULATION

`TAX +` / `TAX −`

Adds or subtracts the predetermined sales tax rate (%) to/ from the calculation.

`RATE`

Set switch to "RATE" for setting or recalling the TAX rate.

### CURRENCY CONVERSION CALCULATION

`LOCAL` / `🖩` or `EURO` or `C1` or `C2`

Perform currency conversion if the corresponding rate is registered.

### CHECK & CORRECT CALCULATION

`▼` / `▲`

Replay key allows for reviewing the previous or next calculation step.

`CORRECT`

Correct key allows for correcting calculation contents in the Replay mode.

`AUTO CHECK`
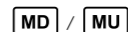
Automatically scrolls through the calculation step from beginning to end.

### BASIC FUNCTION KEYS

`% ±`

Performs standard percentages along with add on or discount calculations.

`MD` / `MU`

Mark up: selling price calculated based on the cost price and profit margin percentage.
Mark down: cost price calculated from the selling price and profit (loss) margin percentage.

`RV`

Reverse key automatically swaps the operator and operand of calculation
e.g. "8 ÷ 4" change to "4 ÷ 8".

`GT`

When the calculations are performed with the GT switch set to "ON", the totals are accumulated in the grand total memory.

`⟳`

Used for changing the sign ( + or - ) of the displayed numbers.

### CANCEL KEYS

`ON/CA`

Clear indication key cancels the displayed numbers and corrects an entry as a whole.

`CE`

Clear entry key cancels an incorrect entry.

`C` / `CI`
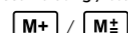
Clear key cancels an incorrect entry or command and exercise must be restarted.

`➡`

Shift key moves displayed numbers to the right thereby deleting numbers each time the key is pressed.

### INDEPENDENT MEMORY KEYS

**Accumulating / storing in memory**

`M+` / `M±`

A. Results of multiplication and division automatically added to the memory. Also adds a number to the memory.

`M−` / `M≡`

B. Results of multiplication and division automatically subtracted from the memory.Also subtracts a number from the memory.

**Recalling / clearing memory**

`M◇` / `RM`

Recalling the contents of the memory.

`M✱` / `CM`

Clearing the contents of the memory. (for non-printing models).

### PRINTING CALCULATOR KEYS
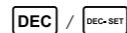
`CHANGE`

Used for calculating the change amount, it performs accurate and fast cash change calculation.

`#`

Non add key allows the printing of dates, reference numbers etc. to be printed on left side of the paper roll without affecting the calculation.

`◇`

Sub total key allows intermediate result of a calculation to be printed on the left side of paper roll.

`DEC` / `DEC▸SET`

This is the key for specifying the number of digits after the decimal point of the calculation result.

`FEED` / `FEED` or `↑`
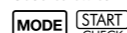
Paper Feed. Used for inserting the paper.

`TEST`

The print quality can be checked by pressing "TEST" key.

`🕮`

Used to switch between calendar or clock mode.

`MODE` `START CHECK`

Verification of calculation by checking re-entered operation match with entered operation.

# SYMBOL GUIDE

| Symbol | Description | Symbol | Description | Symbol | Description | Symbol | Description | Symbol | Description |
|---|---|---|---|---|---|---|---|---|---|
| ☀☆ | Dual power | `10+2 digits` | 10-digit mantissa + 2-digit exponent display | BACK LIGHT | Backlight | `2 colour print` | 2-colour printing | 🖩 | I.T. touch key | ✓✓ | Double check function |
| 🔋 | Low battery indicator (AA / AAA type) | `2 COLOUR DISPLAY` | 2-colour display | MU | Mark-up calculation | | Double injection key | | Low battery indicator (CR type) | | Easy paper loading |
| X=π/12 | Textbook display | COST SELL MARGIN | Business calculation (Cost, sell, margin) | 🕮 | Clock & calendar | | AC power | `123 123` | 2-line display | | |
| 🔄 | Currency conversion | Cash Change | Cash change function | | AA x 4 included | | Internal angled LCD display | TAX | Tax calculation | | |
| 🕐 | Time calculation | HARD CASE | Slide hard case | `123` | Large display | | Adjustable display | ✓ | Check & correct function | | |
| 🖐 | 360° protective hard cover | 🔋 | Battery only | | Upright angle display | | Silent key input | 🗂 | Wallet case | | |
| ❄ | Solar powered only | `140 Functions` | Numbers of scientific and statistical functions (The number depends on which models) | GT | Grand total function | | Pocket size | | Energy saving | | |

Canon Calculator Instruction Manual Website

https://global.canon/calmanual