

Graphic Calculator

SRP-400G

Description : 4-Line Full Dot Display Scientific Calculator.

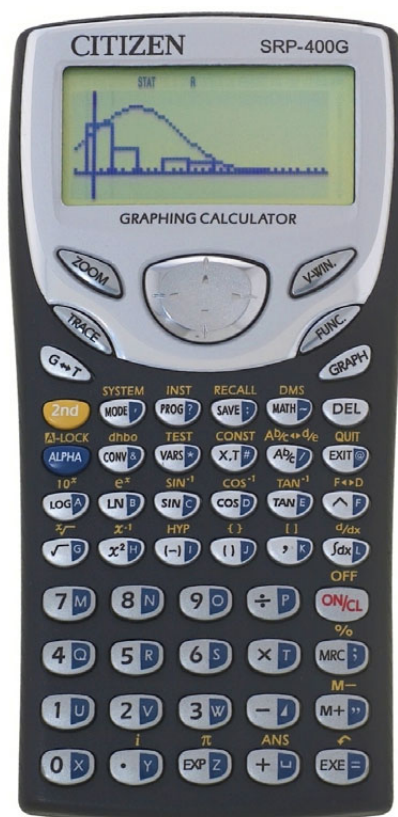


Figure : Photo

Electronic Specification

CPU :

KISG2X31A

LCD :

A Text Display And A Graphic Display.
The Text Display Can Show 12 Columns And 4 Lines Of Characters, While The Graph Display Uses An Area That Measures 71(W) x 31(H) Dots .

Memory :

External 30K Bytes

Power Supply :

Dual Power : AAA x 2 + CR2025 x1

Battery life :

About 2 Years

Power consumption :

0.05 W

Auto power off :

9 mins(Typ.), 6 mins(Min.)

Material Specification

The Material of The Enclosure :

Plastic

The Material of The Key Top :

To Electronic Plate

Dimensions :

157.0 x 78.0 x 19.5 mm

(Without slide-on case)

Weight :

About 130 g

■ Menu type function selection

■ Graph mode :

- Sketch function / Parametric / Statistical / Time-Series
- **Trace graph**
- Set graph scale and range of view window
- “G ↔ T ” key : to switch between text and graph display
- Can draw graph within a program by using commands of drawing graph
- Zoom in and zoom out graph
- **Save 20 sets graph**

■ PROG mode :

- **Program number : 30K bytes**
- Copy and paste different programs
- “ INST ” key
- “ TEST ” key : $\equiv, \leq, \geq, \neq, <, >$
- “ ALPHA ” key

■ Statistical function

- 1-variable statistics, 2-variable statistics
- Linear Regression / MED-MED / QUAD-REG / LOG-REG / EXP-REG / PWR-REG
- **Capability of production : Cp, Cpk, Ca, USL, LSL, MIN, MAX**
- Data clear
- **Normal distribution (P, Q, R, T)**

■ Base-n mode

- **Binary, Octal, Decimal, and Hexadecimal number calculation and conversion**
- Complement calculation
- Logic : AND, OR, NOT, NEG, NAND, XOR, XNOR

■ Fraction mode

- A b/c and d/c conversion
- **Fraction, Decimal conversion**
- Fraction memory

■ Memory

- **28-Independent memory**
- **Sum to memory**
- Store and clear variable A~Z, X_1, X_2
- Recall variable
- P/V recall
- Capacity check
- Store to memory
- Recall memory

■ Math function key

- Max : Maximum
- Min : Minimum
- Med : Medium
- Sum : Sum Total
- Avg : An Average Value
- Sgn : Sign
- **Int ÷ : The quotient of division operations**
- **Rmdr : The remainder of division operations**
- Permutation and Combination
- Factorial
- Rnd
- **Int : Truncate To Be Integer**
- **Frac : Truncate To Be Fraction**
- Intg : Obtain the largest integer

- Abs : Absolute Value
- Polar - Rectangular Coordinate Conversion
- Random Number $< 0, 1 >$
- Random Integer $< A, B >$
- Simp : Simplify a fraction
- **ENG Symbol Function**

■ Mathematical function

- Trigonometric, Inverse-Trigonometric
- Hyperbolic
- Polar-Rectangular coordinate conversion
- Power, Square root, Square
- Reciprocal
- Logarithmic and Exponential
- Natural logarithmic and Exponential
- **Integration**
- **Differentiation**

■ System

- **Internal up to 24 digits precision**
- **Replay (228 bytes)**
- Full dot 4-line display :
 - While in text display : 12 columns with 4 lines of characters
 - While in graph display : 71 (W) x 31 (H) dots
- **13-level parenthesis or Max. number of pending operation : 13**
- **Adjustable contrast under contrast mode**
- Memory protection while power off
- Automatic power off
- Calculation and conversion in DEG, RAD, GRAD
- Decimal point selection
- Scientific, Engineering notation
- 2nd function key
- Mode key
- “ ENTER ” key
- “ RESET ” mode
- “ ON/OFF ” key
- Answer function

■ EDIT

- **“ DEL ” key**
- **4 arrow key (← ↑ → ↓ four arrow direction)**
- Implied multiplication with auto correction
- **“ ↶ ” recover last letter or word deleted**

■ Complex calculation

■ Variable linear equation mode

■ Quadratic equation mode

■ Conversion to “ Degree ”, “ Minute ”, “ Second ”

■ Mixed fraction

■ Display of error message description

■ Clear display expression

■ Metric conversion

■ “ % ” key

■ “ π ” key

■ Game mode

■ List mode

■ Table mode