CASIO

FX-CG50

BARCODES (EAN)

Single Unit	4549526600814
Inner Carton of 10	14549526600811
Outer Carton of 40	24549526600818

Measures (mm)	W	L	H	g/Kg
Product	89	189	19	182g
Single Pack	165	262	48	471g
Inner (10)	277	252	192	2.6kg
Outer (20)	526	406	306	11.4kg

Packaging Material (g)	Paper	Plastic
Single Pack	65	43
Inner	575	25
Outer	610	31

Battery
AAA x 4
Weight 48g

Alternative models
N/A

Models it replaced include
FX-CG20

General Information

The high resolution colour display with Natural V.P.A.M. lets you input and display fractions, square roots and other numeric expressions just as they appear in your textbook.

- 8 x 21 Numbers of letters
- 216 x 384 Pixel
- More than 65.000 colours
- Function Menu
- Backlight

Functions and Features

- 3D Graph
- E-CON4
- Improved Catalogue Function
- High resolution display with more than 65.000 colours
- Picture-Plot function
- 7 colours for many applications
- Colour-link functionality for easy understanding
- Simple PC-connectivity due to USB-Mass storage
- Natural-V.P.A.M. – Natural Input and output
- Vector calculation
- EQUA mode: -Solve Integral/Probability function
- Ref- and Rref command lines for levels or reduced row level form
- Xc < (Inequality) Graphing in GRAPH Mode
- Probability function in Run Mat Application
- Integral Graphing (in GRAPH mode)
- Unit conversion
- GCD (pgcd) / LCM (ppcm) function
- Pie, Barchart (in STAT and spreadsheet mode)

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- Geometry-Add-In preloaded
- Exam mode

Graphing:

- 3D graph
- Tangent
- Normal
- Inverse Function of a graph
- Rectangular coordinate graph
- Inequality graph
- X=Y graph
- Parametric function / Polar coordinate graph
- Graph memory
- Substitution Expression for Graph Variable
- TABLE feature
  - o Table to Graph
- Recursion graph
  - o Number of expression
  - o Web plot
- Conics function graph
- Conics graphing Application
- Split-Display
  - o Graph and Graph
  - o Graph and valuetable
  - o Graph of a valuetable
  - o Graph and valuetable interactively connected

Basic mathematics:

- Fraction
- Decimal-Fraction
- 1st/2nd derivative (numeric) Integration (numeric) Max/Min
- Complex function
  - o Complex format
  - o Complex function Matrix

  - o Max size of matrix: 255 x 255
  - o Number of matrix: 27
  - o Determinant
  - o Inverse Matrix
- Simultaneous equations(* numeric *) (max 6 unknown)
  - o Poly. root finder and Siml. equation appli.
  - o Simultaneous equation solver application
- Polynomial equation (* numeric *) (max 6 order)
  - o Polynomial root finder
- Base-n calculation

Statistic

- Statistic calculations
  - o Mean Median Sum
  - o Distribution
  - o Mode results
  - o Regression coefficient
- Statistic graph
  - o List based Statistics
  - o Histogram
  - o BOX Plot
  - o Modified Box Plot
  - o Distribution curve
  - o Broken line
  - o Scatter plot /xy-line
  - o Med-Med line
  - o Linear / Quadratic / Cubic / Quart Regression
  - o Exp/Log/Power regression
  - o Sinusoidal regression

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Statistic cont
- o Logistic regression
- o Copy of regression expression
- o Trace of regression graph
- List
  - o Max size of list: 999
  - o Number of List: 26 list, 6 file
  - o List with complex number
  - o Name of list
- AP Statistic functions

Other Specifications
- Physical constant Science tool Application (ADD-in)
- Calculation with ENG Symbols
- Financial calculations
- Geometry (preloaded)
- Spreadsheet
- eActivity
- Program
- History unlimited 255 Bytes
- Catalog
- Clipboard
- Resume
- Support Language (English/Spanish/German/Portuguese/French)
- Add-in Software System
- Storage area
  - o Program
  - o Backup
- Communication
  - o Unit to Unit (3pin-3pin)
  - o Unit to PC (USB)
  - o Add-in Communication
  - o OS update

- Screen capture
- Direct communication to Casio projectors
- E-CON4 (Communication program for C-Lab, Auto ID sensor recognition)
- Casio logo displays when turn off