

F-570X

THE SMART CHOICE FOR EXAMINATION
TEXTBOOK DISPLAY

700+
FUNCTIONS

Functions and Features

- Useful function easily recalled with the Apps key
- Integration and Differentiation
- Matrix Calculations (up to 4 x 4)
- Vector Calculations
- Inequalities Calculations (up to Quartic)
- Equation Calculations (up to Quartic and 4 unknowns)
- Statistical Calculations
- Distribution Calculations
- Complex Number Calculations
- Equation Solver
- Base-N Calculations



HIGH RESOLUTION DISPLAY

Better visualization in
mathematical expression

Matrix Edit Data Screen

$$\text{Mat A} = \begin{bmatrix} 1 & 5 & 2 & -3 \\ 4 & 6 & 0 & 7 \\ -3 & 2 & 4 & 0 \\ 0 & 2 & 7 & -1 \end{bmatrix}$$

Statistic List Display

$$\begin{aligned} \bar{x} &= -6.5 \\ \Sigma H &= 26 \\ \Sigma H^2 &= 228 \\ \sigma^2 &= 14.75 \\ \sigma H &= 3.840572874 \\ s^2 H &= 13.66666667 \end{aligned}$$

SPECIFICATION

No. of Functions & Features 700+

Memory

No. of Store Memory 20
Independent Memory (M+ & M-) •
Scientific Constants 47
Metric Units Conversion 210

Mathematics

Fractions & Decimal Conversion (F < > S) •
Calculation Expression Direct Input •
Parentheses [() , []] 24
Square, Cube, Reciprocal •
Square Root, Cube Root •
Multiple Root, Power Square •
Decimal Point Selection •
Exponential & Logarithmic •
Log_b •
Absolute Value Calculation (Abs) •
Least Common Multiplier (LCM), Greatest Common Divider (HCF) •
Quotient Remainder (Q...r) •
Sum & product of the Input Function (Σ & Π) •
Prime Factorization (Pfact) •
Ratio Calculation •
Verify •
Random number generation (Rand) •
Integer Random Number Generation (I-Rand) •
Recurring Decimal •
Factorials, Permutations & Combinations (n!, nCr, nPr) •
Coordination Conversion (Rectangular < > Polar) •
Percentage •
Previous Answer •

Statistics

Table-Formatted Data Input & Edit •
1- / 2- Variable •
Mean (x̄, ȳ), Sum of Value •
Population and Sample Standard Deviation •
Maximum Value, Minimum Value •
Median Value, Mode Value, Q1 & Q3 Value, Range •
Population Variance & Sample Variance •
Regression Analysis (Lin, Log, Exp, Pwr, Inv, Quad) •
Correlation Coefficient (r) •
Probability Distribution Calculations (P, Q, R, →t) •

Distribution

Normal probability density •
Normal cumulative distribution •
Inverse Normal cumulative distribution •
Binomial probability •
Binomial cumulative distribution •
Poisson probability density •
Poisson cumulative distribution •

Trigonometry

Angles (DEG, RAD, GRAD) & DRG Conversions •
Trigonometry (sin, cos, tan), Inverse Trigonometry •
Hyperbolic (sinh, cosh, tanh), Inverse Hyperbolic •
Degree-Minutes-Seconds < > Decimal Degrees / Sexagesimal Cal. •

Algebra

Complex Number Calculation (CPLX) •
Equation Mode Up to Quartic & 4 unknowns •
SOLVE function •
CALC function •
Matrix Calculations (MATX) Up to 4x4 •
Inequality Calculations (INEQ) Up to Quartic •
Table Mode f(x), f(x) & g(x) •

Calculus

Integration Calculation •
Differential Calculation •
Limit Calculation •

Geometry

Vector Calculations (VCTR) •

Computer Maths

Base-N calculation (Bin, Pen, Oct, Dec, Hex) •
Transformation between DHBOP •
Logic Operation (XOR, AND, OR, XNOR, NOT, NEG / d, h, b, o, p) •

Special Features

Multiple Replay •
Low Battery Indicator •
Fixed decimal, Sci and Eng Notation (FIX, SCI, ENG) •
ENG mode (Three decimal point Shift) •
Maths IO / Line IO Mode •
Maths Input Decimal Output Mode •
Line Input Decimal Output Mode •

Display

Line of Display Textbook Display 63 x 192 dots
LCD Contrast Adjustment •

Product Specifications

Battery LR03 x 1 pc
Body Color Black / Blue / Pink
Body Size (L x W x H) w/o Hard Cover 158 x 76 x 14 mm
Body Size (L x W x H) with Hard Cover 161.5 x 78.5 x 19 mm
Weight w/o Hard Cover 95.7g
Weight with Hard Cover 119.1g

192 x 63 dot (one line Character: 15)

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