

KCDA No. 79430

***NEW* UPDATED MODEL**

Standard Scientific Calculators

fx-9910CW ClassWiz Advanced Scientific (2nd Generation fx-991CW)



The fx-9910CW ClassWiz is the 2nd Edition of the fx-991CW with UI/UX enhancements such as menu shortcuts, pinned menu items, and added features to the Math Box probability exploration app. With a quadruple graded LCD display, users will be able to easily find their cursor while writing and modifying expressions. The ClassWiz features circular, convex buttons that are appropriately spaced to prevent the mis-keying of information, and the button labels now feature glyphic representations of the functions they perform. The hard plastic case features an etched edge surface to prevent slipping in the hand. The ClassWiz can store and recall up to nine variables which can contain integers, computations, and functions. The variables will persist in the calculator's memory between sessions. All of the calculator's functions can be accessed through the convenient Math Catalog. The Math Catalog also hosts 47 scientific constants and 40 measurement conversions. By partnering the ClassWiz with an internet-capable mobile device, solutions can be graphed and visualized through ClassPad.net by scanning a QR code on the calculator's screen.

Specifications

Product features/type

- Non Programmable

- Non Graphing

Number of digits

- 10 + 2 digits

Liquid crystal display

- Natural textbook display
- Icon menu
- Dot matrix display
- High Resolution
- 4-gradation display

Key characteristics

- Plastic keys

Key functions

- Fast-typing function (2-key rollover)
- Negative Sign
- Power Off

Memory

- Variables: 9
- Variables List
- Answer Memory
- Function memory
- Memory Protection
- Reset Function

Power supply

- AAA×1 (R03)
- Approximate battery life Main 2 years
- Auto Power Off

Size (D × W × H)

- 162 × 77 × 13.8 mm

Weight

- 100 g

Accessories

- Hard Case

Display format settings

- Number Format: Fix
- Number Format: Sci
- Number Format: Norm
- Engineering Symbol
- Engineering Notation
- Toggling Calculation Results
- Fraction / Decimal Conversion
- Angle Unit (Degree, Radian, Gradian)
- Improper/Mixed Fraction
- Sexagesimal/Decimal Conversion
- Digit Separator

Basic calculation

- Basic Calculation
- Bracket Calculation
- Fraction Calculation
- Degree, Minute, Second (Sexagesimal) Calculations
- Reciprocal Calculation
- Percent Calculation (scientific calculator function)
- Ratio calculation
- Factorial Function
- π
- Calculation with $\sqrt{}$ and π
- Rounding Function

Advanced calculation

- Transcendental number: e
- Base-n calculation
- Logical Operators
- Complex number calculation
- Matrix calculations
- Vector calculations
- Ratio calculation
- Spreadsheet

- Numeric Table
- Simultaneous Equation
- Polynomial Equation
- Inequality Calculations
- List based STAT-data editor
- 1-Variable statistics
- 2-Variable statistics and regression
- Distribution Calculations
- Mathbox (Coin Toss, Dice Roll)

Applied calculation

- Continuous Calculation
- Replay Function
- Multi-replay Function
- UNDO
- SOLVE Function

Basic functions

- Basic Mathematical Functions
- Independent Key x
- Absolute Value Calculation
- Square and square root ($x^2/\sqrt{}$)
- Power and radical root ($x^y/x\sqrt{}$)
- Trigonometric, inverse trigonometric ($\sin/\cos/\tan/\sin^{-1}/\cos^{-1}/\tan^{-1}$)
- Hyperbolic, inverse hyperbolic ($\sinh/\cosh/\tanh/\sinh^{-1}/\cosh^{-1}/\tanh^{-1}$)
- Exponential, logarithmic ($\log, \ln, 10^x, e^x$)
- Base specified logarithmic
- Coordinate Conversion
- Combination / Permutation
- Prime Factorization
- Random Number Generation
- Random Integer Generation
- Summation
- Differentiation Calculation
- Integration calculation

Physics- and chemistry-related functions

- Scientific Constants

- Metric conversion function

Statistical data

- List based STAT-data editor

Permitted in exams

- AP / SAT / SAT Subject / PSAT / NMSQT / ACT / IB

Connection to peripheral devices

- QR Code
- Authenticity Check