

Texas Instruments
Scientific Calculator



TI-55-III

Advanced LCD scientific calculator with programming and statistics.
Comprehensive sourcebook included.



The TI-55-III calculator offers 112 powerful functions for professional engineering, science and math applications. Plus, the TI-55-III includes the *Calculator Decision-Making Sourcebook* to help you make the most of this powerful calculator. Functions and capabilities include:

- Built-in statistical functions
- Easy programmability
- Up to 8 memories
- 18 commonly needed conversions in English and Metric
- Easy to read liquid crystal display
- Sleek styling

The versatile TI-55-III calculator offers these special keyboard functions and more.

Programming Functions

LRN Places calculator in learn mode and lets you enter programs for storage and later use.

R/S Starts and stops program processing.

∫dx Definite integration of functions entered into program memory.

Ins Make corrections or modifications to your program.

SST Single-step forward to check instruction codes.

BST Back-step to verify instructions.

Del Removes instruction from your entered program.

RST Resets program back to start.

Pause Displays current value to display register.

Statistical Functions

Σ + Σ - Frq Data entry and removal with frequency capability.

Mean Mean or average of entered data.

σ_n Standard deviation for sample data.

σ_{n-1} Standard deviation for sample data.

Corr b/a x' y' Computes the characteristics of best fit, least squares line for linear regression and trend line analysis of data.

Conversion Factors

Preprogrammed conversions include: Degrees Fahrenheit to degrees Celsius. Degrees/minutes seconds to decimal degrees. Decimal degrees to radians to grads. Gallons U.S. to liters. Pounds to kilograms. Inches to centimeters. Polar to rectangular. Conversions may be performed in reverse order by using inverse key.

Log and Trig Functions

Functions include: Natural (base e) and common (base 10) logs and inverses. Sine, cosine, tangent and inverses calculated in degrees, radians or grads. Plus hyperbolics.

Memory Functions

Eight in all. Store and recall. Exchange with display memory arithmetic allows you to sum, subtract, multiply, divide, universal powers and roots, and percent change into memory. Constant Memory™ feature retains data stored in memory even when the calculator is turned off.

Expanded sourcebook shows you how to get the most out of your calculator.

The *Calculator Decision-Making Sourcebook* is a \$6.95 value included with your TI-55-III calculator. The easy-to-understand text covers subjects including Elementary Programming • Trend Analysis • Forecasting • Mathematics • Science • and much more. Step-by-step examples show you how to isolate important data, weigh alternatives and arrive at rapid, more accurate decisions.

Specifications:

Readout: Eight-digit mantissa and two-digit exponent liquid crystal display. Shows decimal point and negative sign. Indicates calculator mode and angular mode.

Power Source: Two miniature alkaline "button cell" batteries (included) for up to 1,000 hours of operation.

Included: *Calculator Decision-Making Sourcebook*, detailed owner's manual, batteries, carrying case.

Size: 5.8 × 3.1 × 0.9 inches.

Weight: Approximately 3.8 ounces.

Limited Warranty

The TI-55-III is covered by a one-year limited warranty against defects in materials and workmanship. The full text of this warranty is published in the owner's manual accompanying the TI-55-III.

Texas Instruments reserves the right to make changes in materials and specifications without notice.



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