Statistical Programs

Suggested retail prices may vary at individual stores and dealers.

26-1703 Statistical Analysis (Level I only) $29.95

Description
A system of programs designed for the routine analysis of data in business, education, medicine, government administration and many other fields. Programs can be run by people with little formal knowledge of data analysis techniques and no knowledge of computer programming. Programs are designed to "interact" with users and guide them in conducting routine analyses. Includes five programs for describing data sets and conducting statistical data analyses; 2 utility programs for preparing, updating and listing data files stored on tape; one program to aid in selecting data samples.

Format
Program cassette tapes are included with comprehensive instruction manual.

Hardware Required
• Level I, 4K (Minimum) TRS-80

Limitations
The amount of data which can be analyzed using the system depends upon how much memory (RAM) is installed in the TRS-80.

Programs Supplied
Data File Preparation
Data File Lister
Random Sample
Histogram
T-Test
Simple Correlation
Linear Regression

26-1704 Double-Precision Subroutine (Level II only) $9.95

Description
The **Double-Precision** program lets you obtain 15-digit accuracy with sine, cosine, arctangent, natural logarithm, exponential, and square root functions. The functions, together with Level II BASIC's "DEFDBL", and "DEFINT", provide a high degree of precision for any applications that need a high level of accuracy. Also includes the **Accuracy Test**, a program designed to demonstrate the degree of precision that can be obtained with the Subroutine Functions. The **Calculator** program converts TRS-80 to a calculator mode to give you the opportunity to easily experiment with the Double-Precision functions in degrees/angles.

Format
Program cassette tape is included with comprehensive instruction manual.

Hardware Required
• Level II, 4K (Minimum) TRS-80

Limitations
Numeric Accuracy — Testing has indicated that routines are accurate 15 and 16 places in the majority. But under certain conditions, 14th place digits could be in error by one or two units.

Programs Supplied
Subroutines
Accuracy Test 1.1
Double-Precision Calculator 1.1