

Data Collection and Management Software

DataTalk RS-232 Data Acquisition Program



Model SWD-DTALK

\$495

- ✓ Four Programs in One
- ✓ Collect RS-232 Data in the Background
- ✓ Integrated Scientific Spreadsheet
- ✓ Report Generation

DATATALK is an extremely powerful yet simple to use program for collecting data from RS-232 instruments with an IBM PC or compatible computer.

It is a collection of integrated software tools for data collection and management. DATATALK consists of four parts or modules which include a background RS-232 data acquisition program, a spreadsheet program, a data import editor and a data export editor. Each of the four programs can be used on its own or together as one integrated package. Each of the DATATALK programs can be run in a transparent mode from a batch file. Therefore, a simple DOS command can automatically manipulate data in such a way that the user never sees the DATATALK program.

COLLECT

COLLECT is an extremely powerful yet simple to use program for collecting data from RS-232 instruments with an IBM PC or compatible computer. COLLECT is a remarkable TSR (Terminate and Stay Resident) program that collects RS-232 data, modifies the data and then sends it to the keyboard buffer without affecting normal keyboard functions. See next page for complete information on the COLLECT program, which is also available as a stand-alone program.

SPREADSHEET PROGRAM

The Spreadsheet is specifically designed for scientific applications. Spreadsheet features have been

Test Name	Test Result	Weight (gms)	Concentration (ppm)
BP41 #1	32.0	3.455	42.30
BP41 #2	32.0	2.455	59.53
BP41 #3	32.0	3.500	41.76
FORCE1	75.0	3.500	97.86
FORCE2	56.0	3.500	73.07
FORCE3	66.0	4.455	67.66
FORCE4	15.0	3.455	19.83
SCALE1	17.0	3.455	22.47
SCALE2	20.0	4.600	19.52
SCALE3	20.0	4.600	19.52
SCALE4	20.0	4.600	19.52

AVERAGE:	35.00	3.80	43.91
COUNT:	11.00	11.00	11.00

combined with special laboratory functions to provide an extremely flexible yet easy to use system. The Spreadsheet is the central hub of the DATATALK program. From the Spreadsheet you can go to the Import Editor and the Export Editor. It allows easy manipulation of data and has the ability to combine several data files with keyboard entries. Blocks of data can be manipulated as easily as single cells, and manipulation of the data can be controlled by selected criteria. Spreadsheet Methods, similar to macros, record manipulation steps. They can be saved for later use to process similar data files. Method files reduce the time required to manipulate data consistently and produce reports.

IMPORT EDITOR

The Import editor will convert any ASCII file to a spreadsheet file. It will do this selectively so that only the required data is transferred. You have full control over which data gets transferred and where it

will be placed in the spreadsheet. Import has been designed for both simple and complex data files.

EXPORT EDITOR

The Export editor produces a report by combining information in the Spreadsheet with an export template. The template, which is created by the user consists of a layout of text, specified Spreadsheet cell addresses and a series of Template commands. The commands are used to specify report or page headers/footers, dates, Spreadsheet names, line spacing, page numbering, pagination, repetition of steps and printer control codes. The reports can be produced on a printer, stored to a disk in ASCII format or transferred to other computers or devices using the RS-232 interface.

System Requirements

IBM PC or Compatible with 512K RAM (COLLECT is memory resident and uses 128K RAM), DOS 3.0 or higher.

To Order (Specify Model Number)		
Model No.	Price	Description
SWD-DTALK	\$495	DATATALK software, includes COLLECT, Spreadsheet, Import and Export data editors

Disks supplied in 5.25" format, for 3.5" disks add "-3.5" to part number, no additional charge. Comes with complete operator's manual.