

With the Software Wedge, any RS232 output device can be hooked to your PC's RS232 serial port, and data from the device can be inputted directly into any application program that accepts keyboard input.

The PC's keyboard is not disabled in any way, and may be used as in normal operation and no additional hardware is required!



The Software Wedge adds serial data acquisition and instrument control to Excel, Lotus, Access, Quattro, VB, LIMS, statistical software, etc...any Windows, DOS, NT, or Win 95 application. It automatically inputs serial data from laboratory instruments, industrial instruments, electronic balances, gages, analyzers, sensors, bar code readers, telephone systems, PLCs, etc...any serial device.

#### Software Wedge for DOS Features

- Captures data from virtually any RS232 device with send capability. Instruments and gages, data collectors (GageTalker and Gage-Port, DataMyte and many others), weigh Scales, DRO's, lab instruments..., automates the entry process.
- Keystroke Macro Insertion. The Software Wedge can be configured to add a series of user defined keystrokes (macros) at the beginning or end of each data field in an input record. Up to 50 keystrokes before or after each field, 450 total.
- Keystroke macros control where and how the serial data appears in the foreground program.
- Full, multi-field data parsing facilities; If data string contains more than one field, you can choose to Use, Filter or Ignore any or all of them. Use any character to delimit the data
- Fully programmable Numeric and Alphanumeric Data filtering capabilities

#### RS232 Support

- Supports COM1-COM4 or lets you enter your own IRQ and Port Address for non-standard serial ports. Serial autodetect function for PC and PS/2 systems
- Programmable from 110 to 19200 Baud Rate, Even, Odd, None, Mark, Space Parity Five to Eight Data and 1 or 2 Stop Bits
- Supports XON/XOFF, RTS/CTS or NONE for serial handshaking

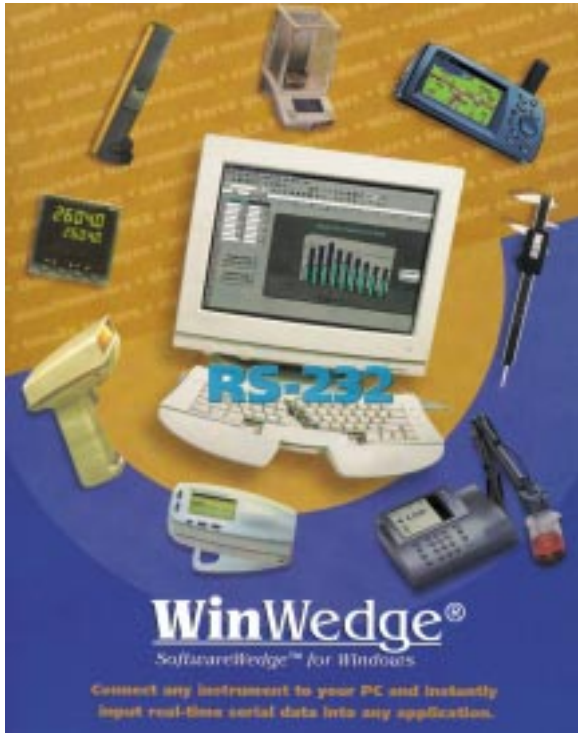
#### Software Wedge for Dos-Professional Versions adds:

- Enjoy even greater control over all input and output data with more advanced parsing and filtering functions.
- Work with even the most complex serial data input—even Binary data!
- New "Input to Disk File" mode allows you to capture serial data to disk file in the background while you work with other programs in the foreground.
- New "FileWedge" utility gets you input data from any disk file directly into any DOS program as key strokes.
- New configuration program makes it extremely easy to set up the Software Wedge for any data collection application.

#### Hardware Requirements

- Runs on any IBM PC/XT/AT, PS/2, 386/486 or compatible equipped with one floppy drive, a minimum 256K RAM and a RS232 serial port. Requires DOS 2.11 or greater. Windows and Deskview compatible.





Software Wedge for Windows™  
 Now you can integrate data from any RS232 equipped test or measuring device into any Windows application program such as Excel, Word, or 123 for Windows... without the need for time consuming manual data entry, cumbersome file imports or expensive hardware additions.

The Software Wedge for Windows™ captures data from your PC's serial port, custom tailors it to your specifications, and then transfers it to any Windows 3.X application that you specify. This means that data from your instruments appear in any Windows application program just as if it were typed at the keyboard. And because the Software Wedge for Windows provides this link in real time with no operator intervention, you get flawless data entry and eliminate hours of manual data collection.

The Software Wedge for Windows is fully interrupt driven and can be used at all standard data rates up to 19,200 baud. It buffers all input data; transfers it to your application programs only when they are ready for it so you will never "lose" data.

The Software Wedge for Windows supports a rich set of Dynamic Data Exchange (DDE) commands that allow other applications to take complete control of all the Wedge functions. This means that your applications command macro's can perform data requests, load new parameters and perform many RS232 functions...you can use DDE to build entire instrument interfaces right on screen.

- Auto date and time stamp macros can attach current date & time to any incoming data. Great for data tracking.
- Universal-Works with virtually any RS232 compatible device such as electronic measuring tools, scales, bar code readers and laboratory instruments.
- Input data parsing capabilities allows you to parse incoming data into separate data "fields" so you can read in only data you need.
- Numeric filtering capabilities lets you filter out any non-numeric characters from any data field in your input record string.
- Full input translation table allows you to translate incoming ASCII characters into any character or to a PC keystroke combination.
- Keystroke macro insertion feature lets you add any additional keystroke "macros" anywhere before, after or within your input data string.
- Define up to 20 "output strings" that can be sent out the serial port to your device simply by clicking the mouse on a button in the Wedge's data input window.
- Automatic data acknowledgment feature optionally sends any character string to your input device after each complete data record has been received.
- Full support for dynamic data exchange allows all Wedge functions to be controlled via DDE from any Windows application that supports it.
- Supports any Windows COMM port, and data rates to 19,200 baud. Fully programmable for data length, start and stop bits. Supports all popular serial flow control protocols.

#### Hardware Requirements

Runs on any IBM PC or compatible running Microsoft Windows 3.X or higher. A hard disk and RS-232 serial port are required.





Software Wedge for Windows Professional Version extra advanced features include:

- Advanced data-parsing, and filtering capabilities.
- Advanced data-formatting features.
- Pre-input translation table.
- Pre-transfer translation table.
- Performs hexadecimal or octal to decimal conversions.
- Allows data-logging directly to disk file.
- Place output buffers directly into any Windows application.
- Expanded set of DDE commands.

Software Wedge 32 Pro "WinWedge 32" provides higher speed data acquisition and instrument control with native 32-bit processing power for use with Windows 95, 98, 2000 and NT applications. It includes all the powerful features of the Software Wedge for Windows plus:

- Support for up to 99 serial ports simultaneously.
- DDE data transfers are 15—20% faster between WinWedge 32 and other 32 bit applications.
- Programmable "Hot Key" control of WinWedge 32 in Windows 95 (the Hot Key capabilities of WinWedge Pro are only available in Windows 3.x).
- WinWedge 32 can automatically open Windows 95 applications and send data to them (WinWedge Pro can only do this with 16 bit Windows 3.x applications).
- Multiple applications may be open and receiving data simultaneously from many different instruments.
- Fully pre-emptive multitasking for faster data throughput.
- Long file names, better interfaces, and other improved features of Windows 95. Plus native 32 bit processing power that takes complete advantage of the latest microprocessors and high speed serial ports.

All packages include Fowler's standard 1 year warranty for disk media and free phone support.



Order No.	Description
54-775-000	Software Wedge for DOS Package. Includes installation/Setup program with context sensitive user help; 3 <sup>1</sup> / <sub>2</sub> " diskette; manual with setup examples.
54-775-005	Software Wedge for Windows Package. Includes installation/setup programs, direct on-line help files; 3 <sup>1</sup> / <sub>2</sub> " diskette; manual with software examples.
54-775-010	Software Wedge for Windows (Professional Version). Includes installation/setup programs, direct on-line help files; 3 <sup>1</sup> / <sub>2</sub> " diskette; manual with software examples.
54-775-015	Software Wedge for DOS (Professional Version). Includes installation/setup programs, direct on-line help files; 3 <sup>1</sup> / <sub>2</sub> " diskette; manual with software examples.
54-775-020	Software Wedge 32 Pro (Professional Version). Includes installation/setup programs, direct on-line help files; 3 <sup>1</sup> / <sub>2</sub> " diskette; manual with software examples.