

WINDOWS 95/98/NT/ME/00/XP/Vista EDIT330 Program

Version 3.04d (V3.04+ EPROM Required)

INSTALLATION:

1. Click on **Start** and then on **Run**.
2. Type **a:\setup.exe** and OK (from Internet download, the name is setupex.exe)
3. Answer OK and/or YES to all questions to install with factory defaults.
4. **EDIT330** Program will install with directories and icons created.
5. If using the Vista operating System, follow the special instructions on page 4.

Note: It is recommended that any prior version of EDIT330 be Un-Installed prior to Installation of new software. This is performed using the W95/98/NT sequence of Start, Settings, Control Panel, Add/Remove Programs. The latest software is available at www.powermetrix.com under Software Updates near the bottom of the main page.

OPERATION:

1. Double click on any .BIN file downloaded from the Powermate and the EDIT330 program will automatically be called to display the file data.
2. Double click on the EDIT330 icon and the program will start.
3. **FILE Main features** include Open Saved Data, Search for Data, Extract Data, Download Data from Powermate, and Print Saved Data.
4. {File} **OPEN Saved Screen Data File** allows the user to review data previously downloaded from the Powermate analyzer. The image size may be adjusted using the image size selections in the upper right corner of the screen. Information about the saved data is presented in a data box in the lower right corner of the screen. Arrow buttons allow scrolling through the saved screens and the printer icon may be **Aclicked** to select specific screens for later printing (in the order of selection).
5. {File} **Search for Data File...** and **Show Last Search Results...** allow the user to search for saved files containing user specified strings (ie, AMain Street) and display a list of only those files for reviewing. **Show Last** allows the previous search list to be recalled and sequentially reviewed. From the search list, data files may be viewed, printed, deleted, and even copied to other locations such as a diskette for transmitting elsewhere or a network directory for data sharing. All of the normal **OPEN** features are accessible when files are opened within the **Search** feature.
6. {File} **Extract to Text File...** and **View Extracted Files...** and **Extract to Spreadsheet...** allow the user to extract reports for viewing or formatted data for spreadsheets from raw data saved during field testing. When the Integrated Site Test option of the Powermate is used, not only are data **screens** saved for download but also raw **data** records. These records are stored along with data screens and contain all of the actual numeric values measured by the Powermate. Data records can then be read by the EDIT330 program and converted to text for user summaries, formal reports, or download to a main computer data base. (The raw data must be manually saved by the SAVE DATA option in the I/O menu if Integrated Test mode is not used.) The User may modify the report by changing the template in the \REPORTS subdirectory and selecting the modified template during extraction. This extraction process may be repeated any number of times to generate various reports on both current and old data. Refer to specific instructions concerning usage of EXCEL spreadsheet extraction.

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7. {File} **DOWNLOAD Data from Powermate 330** allows the user to transmit data saved in the Powermate memory to the computer over an RS232 serial port. Connect the communications cable between the Powermate and the computer, power the unit ON, and then click on Download. The option of Auto Dump All or a simple Connect will be presented after the serial port setting are accepted. Auto Dumped data will be saved in the default directory under the filename entered in the field when the data was collected. Note that the SAVE button will be active to allow the user to manually save the displayed image if the simple Connect feature was selected.
8. {File} **PRINT...** allows the user to print screens in the opened file. The number of images per page and the option of Print All or Print Selected (in order of selection) is provided.
9. **EDIT Main features** include Copying to the Clipboard, Bitmap graphics output, Saving selected screens to a new data file, Deleting erroneous screens, and Adding Comments to a file.
10. {Edit} **COPY Image to Clipboard** will copy the screen image to the W95 Clipboard from which it may be directly pasted into another program such as a Word Processor for reporting.
11. {Edit} **EXPORT Image to Bitmap** will create a BITMAP file of the image that can be sent via Email, stored, and/or imported into another program.
12. {Edit} **SAVE Image to Data File** will output the screen image into a new data file of the same format as the originally saved Powermate data file. This feature is useful for grouping data from various tests and saving them into a common edited file.
13. {Edit} **Delete Screens...** allows the user to delete erroneous saved screen images from collected datasets. For data integrity reasons, screens cannot be **altered** by this option but can be removed if erroneous data was stored.
14. {Edit} **Add Text Comments to a File...** allows the user to insert comments concerning the contents of the saved data file which will then be displayed whenever the file is first opened. This allows a written record of testing, reworks, and retesting to be stored with the data for a history of work performed at a given site.

Recommended Structure And Processing of Data from the Powermate {Version 3.04d Software}

The EDIT330 Communications Software creates and uses the directory structure below:

/POWER330 = Main Powermate Directory {Programs}
/RAWDATA = (SubDir) Raw Download Files {*.BIN}
/ARCHIVE = (SubDir) Archived Download Files {*.BIN}
/TEXTSAVE = (SubDir) Extracted Text Files {*.PXT}
/REPORTS = (SubDir) Extraction Control Files {*.INI}

The above structure is not critical, but is strongly recommended by Powermetrix to organize files downloaded from the Powermate. If the structure is changed, the user must remember the proper location for data storage. Even if using Basic Communications Software, raw data from the field should be first loaded into the RAWDATA subdirectory for review and then moved to the ARCHIVE subdirectory after review for long-term storage. (Text extraction is only possible **IF** the raw text data was stored and downloaded from the Powermate.)

NORMAL DATA FLOW PROCESSES:

- 1) User collects **DATA and SCREENS** and stores them in the Powermate memory. Data collection is repeated for all sites over a reasonable period of time (ie, daily dump preferred; weekly at minimum). Field data collection is preferably performed using the INTEGRATED SITE TEST mode of the Powermate to insure consistent data collection to avoid the need to retest if data is accidentally not taken or not stored. DATA must be collected and stored if later computer text extraction is desired.
- 2) Using the EDIT330 Download Option, the user transmits data from the Powermate memory to the computer (either Auto Dump All or manually). If raw data files were stored (automatic with Integrated testing), screens and data files will be sent to the computer in the Auto Dump All mode. Data is then cleared from the Powermate memory using the I/O key and Clear Memory option to release storage space for the next field tests. Data may be left indefinitely in the RAWDATA subdirectory of the computer or moved to any other long-term storage directory of the computer
- 3) The EDIT330 program allows the user to review and print any downloaded screens. If the above structure is maintained, data will remain in the \RAWDATA subdirectory.
- 4) The Enhanced Mode EDIT330 AExtract Data≡ features may be used to generate text reports from stored data files. If the ADo Not Archive≡ button is not selected, the saved files will be automatically moved from the \RAWDATA subdirectory to the \ARCHIVE subdirectory when each is processed to generate the text file in the \TEXTSAVE subdirectory. Unless the "Save to Common File" is selected, text reports will maintain the same main filename as the original collected data file.
- 5) For archived files, the EDIT330 program may be used to select any directory or any drive (even network drives for long-term storage and data sharing).
- 6) Refer to specific instructions concerning data downloading and the spreadsheet extraction process (with EXCEL templates for data reporting).

Special Setup Instructions for Using Microsoft Vista

1. After installation is complete, right click the EDIT330 icon.
2. Select "Properties" in the menu.
3. Select the "Compatibility" tab.
4. Select the check box for "Run this program in compatibility mode for:" and select your preferred operating system (Windows XP (Service Pack 2) is recommended).
5. Click "OK" to save settings.
6. Double click the icon and run the program as normal.