



ACCU-LINK™ Software & Connection Cables

Introduction

ACCU-LINK™ is the Osborne software program designed to extract weights electronically from the ACCU-ARM® E500R Digital Meter and transfer data to a connected computer. Weights are listed on the screen for review and can be readily printed or pasted into any Windows® program which supports cut and paste operations such as Microsoft® Word and Excel.

System Requirements for the PC:

MS Windows XP, Vista, or Windows 7
1 GHz or faster x86 or x64 processor
1 GB RAM (32-bit system) or 2GB RAM (64-bit system)
1 MB hard disk
1 RS232 serial port or 1 USB port
CD ROM or DVD drive

Accessory Tools:

ACCU-ARM E500R Digital Meter (P/N: FS-00E500R)
E500R – PC Connection Cable (P/N: KS-E500C1)
USB to RS232 Converter Cable (P/N: KI-001400)

Installation:

The ACCU-LINK Software can be saved to the directory of choice.

1. Insert the ACCU-LINK Software CD into the CD drive of your computer.
2. Determine the drive letter of the optical drive.
3. Run the file named "Setup."
4. Follow the instructions on screen for complete setup.

Installation Notes:

The complete ACCU-LINK installation requires 760 KB of hard disk space.

The default location for ACCU-LINK installation is c:\Program Files\Osborne\AccuLink.

Connecting the E500R to the PC

1. To begin using the ACCU-ARM E500R Digital Meter with a PC, first locate the E500R-PC Connection Cable and USB to RS232 Converter Cable. The E500R – PC Connection Cable has been custom made with one end round and the other end rectangular. Connect the rectangular end of the E500R – PC Connection cable to the rectangular end of the USB to RS232 Converter Cable. Connect the USB end connection of the USB to RS232 cable to the USB drive of your computer.

1. Locate the RS232 serial port on the bottom of the ACCU-ARM E500R Digital Meter. The serial port is round and is usually concealed with a red plastic cap that keeps the serial port free from dust and other debris.
2. Remove the red serial port cap and insert the round end of the E500R – PC connection cable into the serial port on the bottom of the E500R Digital Meter.

Getting Started

1. To open the ACCU-LINK Software program after installation is completed, select Start >> Programs >> ACCU-LINK from the Windows Start menu. The ACCU-LINK main menu window will open onto the screen. This window has been minimized for optimal use with other Windows applications such as Microsoft Word and Microsoft Excel.
2. Next, verify that the correct serial port on the computer has been selected. Select Setup >> Com-Port on the ACCU-LINK main menu window.
3. The available computer serial ports are Com1, Com2, Com3, or Com4. The default ComPort is Com1 and is identified by a black circle in front of it. If a problem exists with the port, an error message may be displayed after selecting a ComPort of after trying to retrieve a weight. (Weights are retrieved by pressing the Get Weight button.) If this occurs, select a different ComPort from the menu until the correct ComPort number is located. Once the proper port is selected, it will become the default port for future weighing sessions.
4. If an error message persists, and no acceptable ComPort can be located, check the connection cable for proper installation. If cable connection is correct, check the ComPort has been set up properly in the Windows environment and/or in the PC Basic Input/Output system.

Getting Weights

Once ACCU-LINK Software installation is complete, weights are obtained from the ACCU-ARM Digital Meter by pressing the Get Weight menu. During a weighing session, the weight currently displayed on the E500R Digital Meter will be immediately retrieved and placed in the ACCU-LINK window Get Weight display box. The weight is also automatically placed on the Windows clipboard for easy pasting into other Windows applications which support clipboard cut and paste operations such as MS Word or Excel. For proper Windows pasting techniques, refer to the specific Windows applications documentation or help menu. Note: In most cases, the clipboard contents can be pasted by pressing <CTRL> + V on the keyboard or selecting Edit >> Paste from the applications menu.

If no weight is displayed or a zero is displayed, it may be due to improper connection of the cable to the E500R Digital Meter and/or the PC.

Listing Weights

As each weight is retrieved from the E500R Digital Meter and placed in the Get Weight display box, the weight is also automatically saved in the weight list for later retrieval during the same weighing session. IMPORTANT: Once you exit out of the ACCU-LINK program, the weights listed in the List box and the GetWeight display box are lost. ACCU-LINK does not save any weight information.

Working with the Weight List

To view the list of weights collected during the current weighing session, select list from the ACCU-LINK main menu. A new form will be displayed directly below the main ACCU-LINK window. This form will list all of the weights collected during the current weighing session in the order they were collected.

Individual weight entries in the list may be easily edited by highlighting the proper Weight entry and typing over the value. Additionally, other alphabetical entries such as notes or comments may be easily inserted into the list as necessary.

The weight list also supports cut, copy and paste editing operations. To copy values from the weight list, select the weight or block or weights to be copied. With the mouse pointer located inside the list display box, click the right mouse key.

An edit menu will appear. Select Copy or press the <CTRL> + C keys from the edit menu. The selected block is then copied to the Windows clipboard and may be pasted into other Windows applications as needed.

Printing the Weights List

When weighing is complete, the entire Weight List may be printed. With the mouse pointer located inside the list display box, simply click the right mouse button and select Print from the edit menu. The complete Weight List will be printed. Note: If you have any problems printing, make sure that your PC default printer is installed and set up correctly.

Clearing the Weight List

Individual weight entries in the list may be cleared by simply highlighting the desired entry or block of entries and pressing DELETE. Alternatively, the entire list may be cleared by right clicking the mouse (with the mouse pointer in the list) and selecting CLEAR from the menu. All entries will be removed.

WARNING: Once an entry has been deleted or the list has been cleared, the operation may not be reversed.

Exiting ACCU-LINK

To exit ACCU-LINK, press Exit on the ACCU-LINK main window. The ACCU-LINK program will now close. Any weights displayed in the Get Weight display box or stored in the Weight List will be lost when exiting ACCU-LINK.



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