

# USB – Serial Converter Installation Instructions

Tech Note No: 5

Rev.: 2



## For Windows 98/ME

1. Insert the SphygmoCor Installation CD and cancel the automatic SphygmoCor software install wizard
2. Plug the USB to Serial Converter into a USB port at the rear of your computer.  
**Make sure that the Electronics Module is NOT connected.**
3. Add New Hardware Wizard is activated.
4. Click the box to specify the location.
5. Unclick all the other boxes.
6. Browse the SphygmoCor Installation CD and select the folder, USB-UC232A.
7. Follow the prompts to complete the installation...

**Note:** The USB– Serial Converter is not supported on Windows 95.

## For Windows 2000/XP

1. Insert the SphygmoCor Installation CD and cancel the automatic SphygmoCor software install wizard
2. Plug the USB to Serial Converter into a USB port at the rear of your computer.  
**Make sure that the Electronics Module is NOT connected.**
3. Add New Hardware Wizard is activated.
4. Select, Install from a list or a Specified Location, Click Next to Continue.
5. Select, Search for the Best Driver in these Locations
6. Select, Search Removable Media (Floppy, CD-ROM), Click, Next to Continue
7. Follow the prompts to complete the installation...

**Note:** Windows NT does not support USB devices and hence the USB – Serial Converter

## Running the SphygmoCor Software

1. Right click MY COMPUTER and select properties.
2. Select the DEVICE MANAGER Tab, (For Win 2000/XP, Select the Hardware Tab, then DEVICE MANAGER).
3. Open UNIVERSAL SERIAL BUS CONTROLLERS by clicking the plus symbol (similar to windows explorer).
4. Observe ATEN USB TO SERIAL BRIDGE and check that the icon representing this device does not have any exclamation (!) or question marks (?) next to it.
5. Open PORTS (COM & LPT) by clicking this plus symbol.
6. Note the Com Port number assigned to the ATEN USB TO SERIAL BRIDGE (eg: Com 3) **\*You will need this number to use your SphygmoCor software!**
7. If the Com Port number is 10 or greater:
  - a. Double-click on ATEN USB TO SERIAL BRIDGE.
  - b. Select the PORT SETTINGS Tab.
  - c. Click the ADVANCED button.
  - d. Open COM PORT NUMBER by clicking on the drop-down menu arrow.
  - e. All the Com Ports less than 10 will be labelled (in use) because other devices have used these numbers at some point and may be using them now. You must select a Com Port less than 10 that is not currently being used by another device. **\*You will need this number to use your SphygmoCor software!**
  - f. Click OK.
  - g. A warning will appear. Click YES.
8. Connect the Serial Cable to the rear of the Electronics Module; connect the free end to the USB to Serial Cable, which is connected to the rear of your computer.
9. Connect the Power Cable to the Electronics Module.
10. Turn on the Electronics Module.
11. Run your SphygmoCor Software.
12. A window will pop up stating, "Electronics Module Not Found", "Would You Like To Try And Detect The Electronics Module Again?"
13. Select NO.
14. Once the program is open, go to the menu at the top of the window, click SYSTEM, and select SETTINGS.
15. Select the Com Port\* as observed in the previous section and click SAVE.
16. Go to the menu at the top of the page, click SYSTEM, and select CHECK MODULE.
17. At the bottom the window is displayed "MODULE FOUND SUCCESSFULLY".
18. This shows that your system is now ready for use.
19. If the words "MODULE NOT FOUND" appear, contact AtCor Medical for technical support.

**\*Note:** To Set the Comms. Port, click the drop-down menu arrow and select from COM1 to COM9 or SIMULATION. If you are using a USB to Serial Converter, select the corresponding COM port.