AMETEK
POWER INSTRUMENTS

USB Driver for Windows 7 PCs and UPLC

1. Items Required for Upgrade

- Computer with Windows 7 Operating System (OS), 32 or 64 bit
- Standard straight through A (male) – to – B (male) USB 2.0 cable (e.g. CablesToGo # 28102 or equivalent)
- UPLC with USB front port
- FTDI USB Driver update file for Windows 7, (ver 2.8.24.0)
    - Driver file name: CDM_2.08.24_WHQL_Certified
    - Driver can be obtained from the Ametek Power website link below

http://www.ametekpower.com/Communication-Products/UPLC-Universal-Power-Line-Carrier.aspx

    - Then click on the “Documents” tab

2. Procedure (must connect the UPLC USB port to your computer USB port)

To install CDM drivers for an FTDI device under Windows 7, follow the instructions below:

Connect the device to a spare USB port on your PC.

If there is an available Internet connection, Windows 7 will silently connect to the Windows Update website and install any suitable driver it finds for the device.

If the automatic installation takes place there is no need to continue with the procedure outlined below.

If no suitable driver is automatically found then the following procedure should be followed.

Press the Windows start button to bring up the start menu and select "Control Panel".

From the Control Panel window select Hardware and Sound

At the next screen select Device Manager:

Device Manager
File Action View Help
NilesMSI764
Batteries
Computer
Disk drives
Display adapters
Human Interface Devices
IDE ATA/ATAPI controllers
Keyboards
Mice and other pointing devices
Modems
Monitors
Network adapters
Portable Devices
Ports (COM & LPT)
USB Serial Port (COM21)
Processors
Sound, video and game controllers
System devices
Universal Serial Bus controllers
Right Click here to bring up menu as shown in next image below
Backup and Restore
Desktop Gadgets
Flash Player (32-bit)
Indexing Options
Network and Sharing Center
Phone and Modem
Recovery
Sync Center
Windows Anytime Upgrade
Windows Update
Windows CardSpace
Windows Defender
Windows Firewall
Windows Mobility Center
Update AntiVir Desktop
AntiVir Desktop is out of date. Click to update.

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Processors
Update Driver Software...
Disable
Uninstall
Scan for hardware changes
Properties
Click on Update Driver Software…
Launches the Update Driver Software Wizard for the selected device.

Select the second option to browse manually.

Browse to the folder where the CDM driver package was saved and Click Next

When the installation has finished a completion screen is displayed.

Press Close to close this window and go back to the Device Manager Window.

The Device Manager will still show a device under Other Devices but in addition to this there is a new entry under Universal Serial Bus Controllers indicated in the screenshot above as the USB Serial Converter. This indicates the bus layer of the driver is installed. Installing the Virtual Com Port layer of the driver is almost a repeat of the last few steps.

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Click on Update Driver Software…
Launches the Update Driver Software Wizard for the selected device.

Select the second option to browse manually.

Browse to the folder where the CDM driver package was saved and Click Next

When the installation is finished a completion screen is displayed.

Note this screen also displays the COM port assigned to the device.
Press Close to close this window and go back to the Device Manager Window.

This time the Device Manager does not have a different Other devices entry but does show entries under COM & LPT, one of which should now be USB Serial Port (COM3).

NOTE: Not all devices will install to COM3. The COM port allocation is determined by the installation wizard on the basis of the next free com port as designated in the PC registry.

This Concludes the USB Driver Update. In order to proceed with UPLC Serial Communications you will still need to follow the setup procedure in the UPLC Installation Guide, Appendix A for Windows 7.