



## **KoKo & Windows 7 Driver Installation**

As you know, Microsoft has released its new operating system, Windows 7. Most new computers purchased today come with Windows 7 pre-installed. The KoKo PFT software (v 4.10 and higher) had been validated on Windows Vista (and of course on Windows XP before that). We were still recommending XP whenever possible because its security restrictions were less and more importantly the computer running the KoKo software was faster since Windows Vista requires a lot of processing power on its own. This is one of the many improvements Microsoft promises with Windows 7. The following instructions will allow full use of the KoKo Spirometer with Windows 7. Essentially, the driver works but the installation of the driver is not automatic.

1. Install KoKo software from CD as normal including Ghostscript PDF function.
2. Plug in KoKo USB device into any available USB port. The operating system will try to find a driver and will fail.
3. Open Control Panel | System & Security | System | Device Manager
4. You will see an Other device with a yellow warning on it... right click on it and choose Uninstall
5. Then, with the USB Serial Bus Controllers device section selected while still in Device Manager, choose Action | Scan for hardware changes. It will find Unknown Device ... choose manually find drivers; choose Browse, then navigate to the C:\Program Files\KoKo PFT System\BIN folder, and click OK. It will find and load the KoKo USB driver.
6. Now, unplug the KoKo and restart the computer.
7. When the computer is booted, start the KoKo program and choose System | Configuration | KoKo pneumotach | Data connection .... Choose USB. Plug in the KoKo when prompted. It should see the KoKo at that point and proceed as normal.

## **Vista – USB Koko Driver Installation**

Follow these steps to install the USB pneumotach driver (you will need a Windows administrator password):

- 1) Plug the USB pneumotach in to the USB port.
- 2) The "Found new hardware" dialog will appear, choose "Locate and install driver hardware".
- 3) Select "Don't search online".
- 4) Select "Browse my computer for driver software".

- 5) Click "Browse", navigate to Computer, Local Disk C:, Program Files, KoKo PFT System, BIN, click OK.
- 6) Click "Next".
- 7) At "Windows can't verify publisher", click "Install this driver software anyway".
- 8) At "The software for this device has been successfully installed", click "Close".

### **Windows XP – USB Koko Driver Installation**

The USB pneumotach driver is installed automatically for Windows 2000 and Windows XP.

In case of problems in the automatic process, follow these alternative steps:

- 1) Log on to Windows as system administrator (only this person can install drivers).
- 2) Connect the KoKo pneumotach to the USB port. The 'Finding new hardware' dialog will appear, then you will see the 'Found New Hardware' wizard. Click Next.
- 3) Select 'Search for a suitable driver...'. Click Next.
- 4) Select 'Specify a location', browse to C:\Program Files\KoKo PFT System\BIN). Select 'KoKoUSB'. Click OK, then Next.
- 5) At 'Windows found a driver...', click Next to proceed with spirometer installation.
- 6) Click on Finish to close the dialog box. The spirometer installation is now completed.