## Step 1: Introduction

- Have the flowmeter, the KATdata+ software CD and the USB converter cable ready.
- Insert the KATdata+ CD into the computer. Open the folder of the CD drive. Double-click the **KATdata+ software installer** and follow the instructions to complete the installation.
- Connect the USB cable to the flowmeter and the USB socket of the computer. A message similar to the one below should be shown (Pic. 1):

Installing device driver software 🔌 🗙	
S Iz S G to O I Z	11:15 22/07/2011

1. Installation notice

## Step 2: Verification of Driver Software

- To check that the cable is installed successfully, go to **Start**, open **Control Panel** and start the **Device Manager**. Alternatively, search for the **Device Manager** in the search field.
- The USB FTDI cable should be listed under Ports (COM & LPT) USB Serial Port (COM#). Please take a note of the COM port number assigned. This can be identified in the properties menu as shown below.

Disk drives     Display adapters     Display adapters     DUD/CD-ROM drives     With thereface Devices     GIDE ATL/ATLAPI controllers     Minan ingging devices	General Port Settings   Driver   Details
Keyboards     Mice and other pointing devices	Device type: Ports (COM & LP 1) Manufacturer: FTDI Location: on USB Serial Converter
Network adapters     Prots (COM & LPT)     USB Serial Port (COMB)     Processors     Sound, video and game controllers     System devices     Universal Serial Bus controllers	Device status [This device is working property.

2. USB serial port properties menu

## Step 3: Data Download

- In KATdata+ go to Options Preferences and select the Serial tab.
- Under Serial Port select USB Serial Port (COM#) (com number identified in device manager). Default settings are recommended as shown below. Confirm with OK.

Log Files	X	Data Set 👻	Identifier	Tag No. D	ate Time	Channel	Units	Row
	data+ Options eneral Serial Export Serial Port: USB : Bits per second: 9600 Data bits: 8 Parity: Even Stop bits: 1 Flow control: None	Serial Port (COMB)						
		1		Restore Do	efaults			

3. KATdata+ software properties

• Press the white down-pointing arrow in the top left corner of the **KATdata+** software to start the download procedure (Pic. 4).

File Data Set Flowmeter Options Help				
🕂 📴 🔚   💷 🖻 🖄 🖳 🚱   🐼				
Log Files	X	Data Set	Identifier	Tag No

4. KATdata+ software menu

- Select a location for the file to be saved and name the file. Make sure it ends **.kat**.
- Press **Save** to start the download. On successful connection, the flowmeter will emit a beeping noise and the download will start. A download status bar will be shown on KATdata+ and the flowmeter screen.
- On successful completion of the download the measurement data can be viewed in the software window.
- Should you have questions with regards to the download procedure, please call our office on +44 (0)2476 714 111 or send an email to info@katronic.co.uk.

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