Data Collection Software User Guide

Anemometer AM-4836V

Requirements:

• Windows 2000/XP/Vista compatible PC

One free RS232 port or USB adapter

Ultrasonic Thickness Meter Package includes RS232 cable, USB adaptor and data-collection software CD.

1. Installing the software

Insert the installation CD and follow the procedure on the screen until finish:



2. Connecting the cable

- To the computer USB port
- To the Meter "RS232" port

3. Install USB Driver

- If you are using **Windows XP** operating system, a window will pop up, asking you to install USB Driver. Choose **Install the software automatically** and follow the instruction to finish the installation.

- If you are using **Windows Vista**, the driver doesn't need to be installed manually. (You won't see the Window asking to install USB Driver)

4. Configuration

Run the program. On the main screen click **System settings.**



Select your COM* and "Anemometer (Vane type)" from the Product drop-down list. Click **Save** then **Exit**.

*How to know which port to choose?

1) If you are using **Windows XP**, go to "Start"- "Control Panel"-"System"-"Hardware"-"Device Manager"-"Ports(COM & LPT)", click on it, it will show which port is used to connect the Meter. For example, "USB serial (COM 1)" means "USB1" should be chosen on the drop down manual in **System settings**.

2) If you are using **Windows Vista**, go to "Start"- "Control Panel"-"Device Manager"-"Ports(COM & LPT)", click on it, it will show which port is used to connect the Meter. For example, it shows "USB serial (COM 1)" which means "USB1" should be chosen on the drop down manual in **System settings**.

System Setting							
Interface Setup							
Port Select USB6							
Product Anemometer(Vane type) 🔻							
Other Setting Tested by username1 Whether to open the last file when coming into the data-collectin window?							
🔚 Save (A) 🔇 Restore factory settings (R) 📭 Exit (K)							

5. Collecting Data

When you go back on the main screen, click **Data Collection** button.

Click **Begin/Continue** button to start collecting the data. You can now take measurements with your gage – the values will show on the Data Collection screen.

🚰 Data C	ollection							
Creat :	a new rep	ort Begin/Continue Pause/S	top Delete Records S	ave Export to E	xcell file Expo	rt Report Print Re	port Close Window	
Collect system								
Collect system								
Report N	o. 0906191:	21942 Report Date 19/	06/2009 🕂 Teste	Awai username1 ,	a collection ->	N		
Status	No.	Date & Time	Project Name	Value	Unit 🔺			
	1	2009-06-19 12:19:49 PM	Instant Speed	0.4	m/s			
	2	2009-06-19 12:19:50 PM	Instant Speed	0.4	m/s			
	3	2009-06-19 12:19:51 PM	Instant Speed	1.4	m/s			
	4	2009-06-19 12:19:52 PM	Instant Speed	1.4	m/s			
	5	2009-06-19 12:19:53 PM	Instant Speed	1.8	m/s			
	6	2009-06-19 12:19:54 PM	Instant Speed	2.3	m/s			
	7	2009-06-19 12:19:55 PM	Instant Speed	1.7	m/s			
	8	2009-06-19 12:19:55 PM	Instant Speed	2.4	m/s			
	9	2009-06-19 12:19:56 PM	Instant Speed	1.3	m/s			
	10	2009-06-19 12:19:57 PM	Instant Speed	0.8	m/s			
All Statistic on last 5 records Chart diagram								
Statistic on all Max. Value 2.4 Min. Value 0.8 Standard Deviation 0.603 Mean Value 1.700								
Welcom to use the data-collection software. Awaiting to collect 2009-06-19 12:20:04 PM								

When you're done click **Pause/Stop**. You can then save the report and/or export the data into an Excel file.

Click **Chart diagram,** it will show the chart of the readings.