

Operation Manual

I. Install the USB Driver

1.1 If this is your first time using the gauge, when you connect.tB€lick next gauge to the PC, a driver installation window may appear or the driver will install automatically. Make sure gauge is on to initiate process.





1.4 Select "Install this driver software anyway".

1.2 Select the USB driver path, that is in the EDMS software folder location on your computer. If windows do not automatically appear, go to device manager and click on the JMCDC, then update driver software. Browse computer for location, click next.

Browse	owse For Folder	
Search for	Select the folder that contains drivers for your hard	tware.
E:\Driver		Browse
V Include	My eBooks My muvees	
al de la company	New Software EDMS	
	🔔 usb driver	10
	1. Outlook Files	
→ Let	Sandi Docs	- omputer
This drive		device, and all
OTM	Folder: Usb driver	



- 1.5 Installation of the driver will take place.
- 1.6 If the driver was installed successfully, click "Finish".

2. Install the EDMS Software

2.1 Double click the EDMS.exe



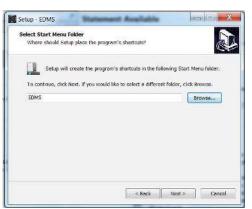
2.2 Click next



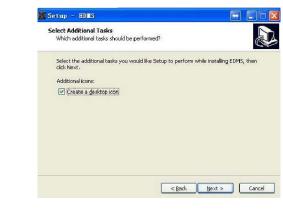
2.3 Set up the installation path and then click next



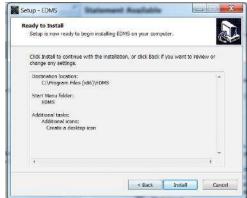
2.4 Click next



2.5 Check box and click next to place an icon for the EDMS on your desktop.



2.6 Install



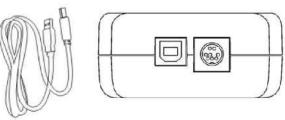
2.7 Click finish to install



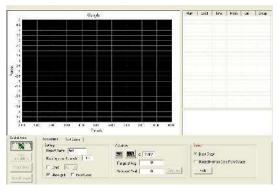
3. EDMS User's Guide

3.1 Connect to PC

Connect the USB cable to force gauge, and then connect them to PC. NOTE: The USB driver for this software should be installed first.



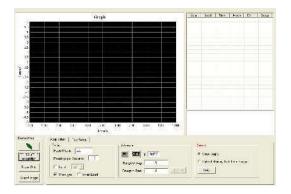
3.2 Open the software



Turn on the gauge. Open EDMS by double clicking the software icon. EDMS will identify the connection with gauge automatically.

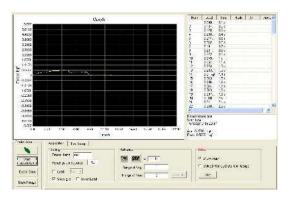
icon will display, otherwise this 3.5 If you select the "Upload Memory Data From Gauge", if any If the connection is goc 🔪 X icon will show on the button in the control area . If 💥 🛛 is showing, it means the connection is not normal, you faom the gauge to the program, after clicking the "Start Acquisiclick 🔏 button to try to connect manually. If you still can not tion.

nect, the following message will display: "Can not find the device please reconnect the device or power on the device". Check the USB cable, the power of gauge, or possibly you need to install or reinstall the USB driver.

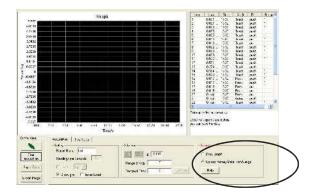


3.3 Click the "Start acquisition" button. The software will begin to graph.

3.4 Click the "Stop acquisition" button. The graph as well as the data in the table will stop and be visible for review.



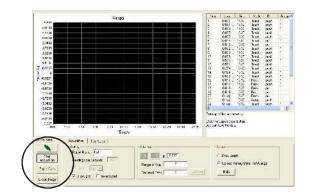
data has been stored on the gauge's memory, it will be uploaded



3.6 Functions

3.6.1 Export Data: Send data from test or uploaded from gauge in CSV format to computer.

3.6.2 Export Image: Export or saves an image of the graph on your computer in bmp format.



Setting	Advance
Report Name Test	9 3.807
Readings per Seconds 10	Bange of Avg 0
🗆 Load 🛛 🐨 🖃	and the second se
Show grid 🔽 Invertional	Range of Peak 0.

9	9.807	
Range of Avg.	1.4800 N	
ange of Peak	2.3600 N	Calculate

Click the calculate button to obtain the avg and peak data of the selected graph.

Report Name: Create a name of the current data set or test.

Readings per Seconds: Sets the number of readings per sec- G: Set the gravity acceleration value

ond that Software requests data from the gauge. The available

range is 0 to 60 readings per second.

Load: Change the load units.

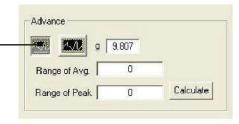
Show Grid: Turns on or off the display of the grid in the graph.

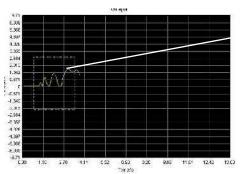
Invert Load: Inverts the load direction.

3.6.5 Advance

Set a zoom window with adjustable x- and y- dimensions for a specific part of the graph.

Click this icon to get the detail of the graph. Then click Calculate to retrieve the average and peak data from the highlighted area of the graph.





on mouse, then move the mouse to highlight a range on the graph.

Click left button

Graph 20//8 1.54126 1.20937 1.08751 0.705500 0.533705 0.281933 0.300724 0.291789 0.473642 0.473642 0.977362 1.02 1.29 1.57 1.85 2.40 2.88 2.95 3.29 3.61

2.12 Time/s

Zoomed in graph is displayed. Click the right button mouse, to get the initial graph, or click and get the initial graph.

3.6.6 Test setup



Start Condition: Select the option for time delay (in seconds), or load threshold that must be surpassed before test will commence.

Stop Condition: Select the option for time, or load that must be surpassed to end the test.

Break Detect: Stop the test when the load decreases to a specified percentage of the maximum (peak) reading during the test.

3.7 Status bar

Connected	Ready	EDMS-FG V2.0	00:06	
1	2	3		4

Through the status bar check the current software working condition

1. Connected or Not Connect: If the gauge connects to the PC when you open the software, it shows Connected or Not Connected.

2. Ready or Running: When "Ready" displays, the software is not connected to gauge. When displaying "Running", it means the software is working.

- 3. The current version number.
- 4. The running time.

3.8 Error Massage

Can not find the device please reconnect the device or power on the device

Check the connection to the gauge. Power of the gauge maybe low.

USB connect error, Please reconnect the USB Port

When the software is connecting to the gauge, you should not take the USB Port out, if it came out the message, you should reconnect the USB port.

Element not found!

Copy the "Ntgraph.ocx" file to C:\WINDOWS\system32: cover the old files.

4. USB Driver Installation

Error Solution

4.1 If the USB driver was installed in error, you can manually insta the USB driver by the following steps:

Step1: Right button click my computer, select the Properties



Step 2: Click the Hardware

? × Sydem Nestore Automatic Upcales ane Hardwa Henote. General Computer Name Advanced -> Device Managar ni Deves NStep 2 2.11 sea installed shar ge Bre Davice Manager 1 WIND DEVIN Driver Signing late you make so a that installed drivers are compatible with "Wr dows. Windows Update fees you set up how Windows connects to Windows Update for drivers. -Driver Signing Windows Upcate Harda are Profiles Hardware profiles provide a way for you to set up and store different hardware configurations 4 I ardware Profiles OK Cance

Step 3: Check the port (COM &LPT)



If error exclamation symbol is on the JM CDC DEMO, it means the USB driver was not installed successfully.

Step 4: Right button click and then select "Update Driver". Then you can install the driver (see Install the USB driver)



4.2 Solving a serial port conflict.



If you found your Blue tooth uses the same EFG com port, then you cannot use the EDMS software. You must change the port number, by the following steps:

Step 1:



Step 2: Click Port Settings; Click Advanced

Bi	per second Electronic Dele bla (6	•
	Carlo Ditt 16	1
	Stop hits 1	
	Elow control None	5
	Consider and	Destore Dela

Step 3: Choose a port number to avoid the same port. Then Click OK.

Advanced Settings for COM	3	2
Carry Construction of the last	ies 1926) scorpublic (UAPT) coniect connection probleme a factor performente	ОК Сатсе) Реф.П.41 (16) Нар.П.61 (15)
CDM Eet Number CDM CDM CDM CDM CDM CDM CDM CDM CDM CDM	UK Canod	

Step 4: Click the Port (COM & LPT) Click the scan for hardware changes.



The Serial port conflict should now be resolved. Connect your gauge and start up the software to see if you can begin Acquisition as normal.

