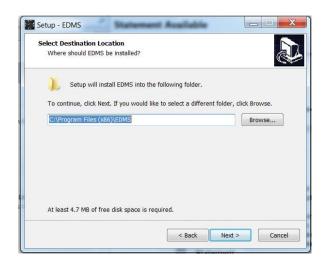
Operation Manual

I. Install the USB Driver

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



1.3 Click next



1.4 Select "Install this driver software anyway".



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

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	Browse For Folder	
Search for	Select the folder that contains drivers for your hardy	vare.
E:\Driver		Browse
🔽 Include	 My eBooks My muvees New Software EDMS 	
	usb driver Outlook Files	11
Let This	Sandi Docs Scanned Documents	bmputer device, and all
drivi	Folder: usb driver	

2. Install the EDMS Software

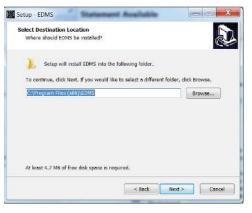
2.1 Double click the EDMS.exe



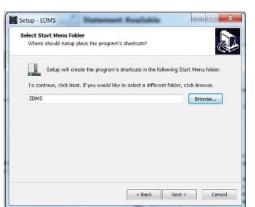
2.2 Click next



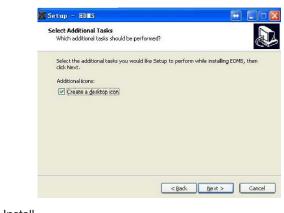
2.3 Set up the installation path and then click next



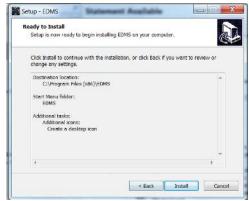
2.4 Click next



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



2.6 Install



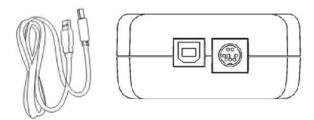
2.7 Click finish to install

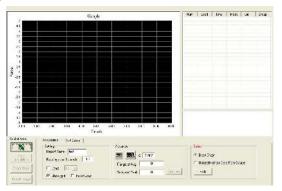


3. EDMS User's Guide

3.1 Connect to PC

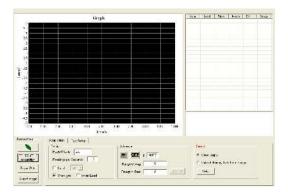
Connect the USB cable to force gauge, and then connect them to PC. NOTE: The USB driver for this software should be installed first.





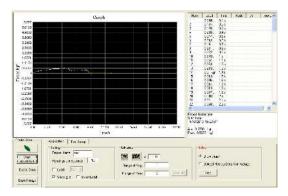
Turn on the gauge. Open EDMS by double clicking the software icon. EDMS will identify the connection with gauge automatically. If the connection is good, icon will display, otherwise this icon will show on the button in the control area.

If 💥 is showing, it means the connection is not normal, you can click 💥 button to try to connect manually. If you still can not connect, 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.

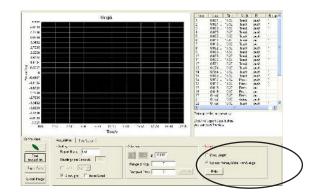


3.3 Click the "Start acquisition" button. The software will begin to graph.

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



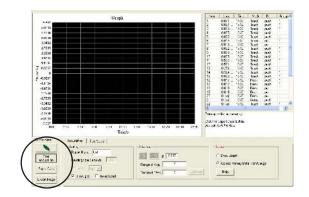
3.5 If you select the "Upload Memory Data From Gauge", if any data has been stored on the gauge's memory, it will be uploaded from the gauge to the program, after clicking the "Start Acquisition" button.



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.



g 9.807	
a 0	_
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Report Name: Create a name of the current data set or test. **Readings per Seconds:** Sets the number of readings per second that Software requests data from the gauge. The available range is 0 to 60 readings per second.

Load: Change the load units.

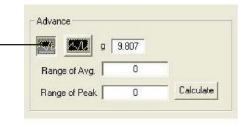
Show Grid: Turns on or off the display of the grid in the graph.

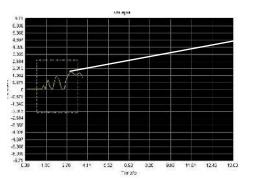
Invert Load: Inverts the load direction.

3.6.5 Advance

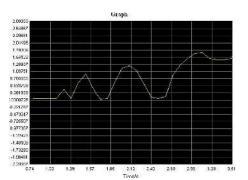
Set a zoom window with adjustable x- and y- dimensions for a specific part of the graph.

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.





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



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

Advance]
9	9.807	
Range of Avg.	1.4800 N	
Range of Peak	2.3600 N	Calculate

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

G: Set the gravity acceleration value

3.6.6 Test setup

Start Conditi	on Dela, to start	Stop Condition	n Time		
G Time	C	I Time	100		
	Threshold		Threshold		
C Load	C	C Load	100	🗖 Break Deters 🕅	- Col Maximum
		-			

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.

VSB 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 install the USB driver by the following steps:

Step1: Right button click my computer, select the Properties

Open Dolare (international Search,	
Manage	step 1
Map Network Drive Disconnect Network Drive	output
Greate Shortout Delate	A REAL PROPERTY AND
Renarte	
Inseries 1	
turt	
A 300	

Step 2: Click the Hardware

olistan	Qie .	Automatic		Hemote
eneral	Computer N	ame	Hardware	Advanced
😤 priy	pr Device NSt our comp ence of a	ep 2 I		estinatalied har gethe
20 000	palible with Wr	doare. Winds	i It al installed d rive Update lets pws Update for	you bet up
	Driver Signin		Windows	
lardware Fref				
Hard Stree	tware profiles pr sont hordware o	ovice a way onfigurations	for you to set up	and store
		Ĩ	l'ardyrare	Doofiles

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.

📧 😼 Monitors	
🗄 🎟 Network adapters	
🖻 🝠 Parts (COM & LPT)	
Bluetooth SPP Serial Port (COM3)	
Bluetooth SPP Serial Port (COM4)	
Bluetooth SPP Serial Port (COM5)	
EFG Com Port (COM3)	
🗄 🏟 Protessors	The conflict of two serial ports
🗄 🥙 Sound, video and game controllers	
😟 🧕 System devices	
🚊 🚭 Universal Serial Bos controllers	
🗍 🕰 Generic USB Hub	
🗧 🚭 Generic USB Hub	
🕂 🗳 Intel(R) 6 Series/C200 Series Chip	set Family USB Enhan
🔤 🕂 🕂 🕂	set Family USB Enhanc
🛛 🗳 USB Composite Device	
🚽 🚭 USB Root Hub	
- 🖨 USB Root Hub	

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

<u>B</u> is per second: <u>D</u> ala bits		
Earlys	None	1
3lot pie	1	
Elow control	None	9
	varcec.	estore Dela

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

Advanced Settings for	COM 3					? 🛛
Select inverself Select higher or Becave Buffer Low	ings In counsel i Inigs for laster ((1)	ll compatible (UART) connection probleme reformence	w est) Hah(14)	(14)	OK Carcel Octauts
	1M7 V M41 M42 (in use) 1M4 M5 1M5 1M5 1M5 1M6 1M5 1M6 1M7 1M8 1M7 1M8 1M7 1M8 1M7 1M8 1M7 1M8 1M7 1M8 1M8 1M8 1M8 1M8 1M8 1M8 1M8			վ ∺ցի()ն	05	
Hardware profiles pro Hardware profiles pro different hardware of CC	0811 0812 0813 0814 0815 0816 0817	a set up and store	Canosi			

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.