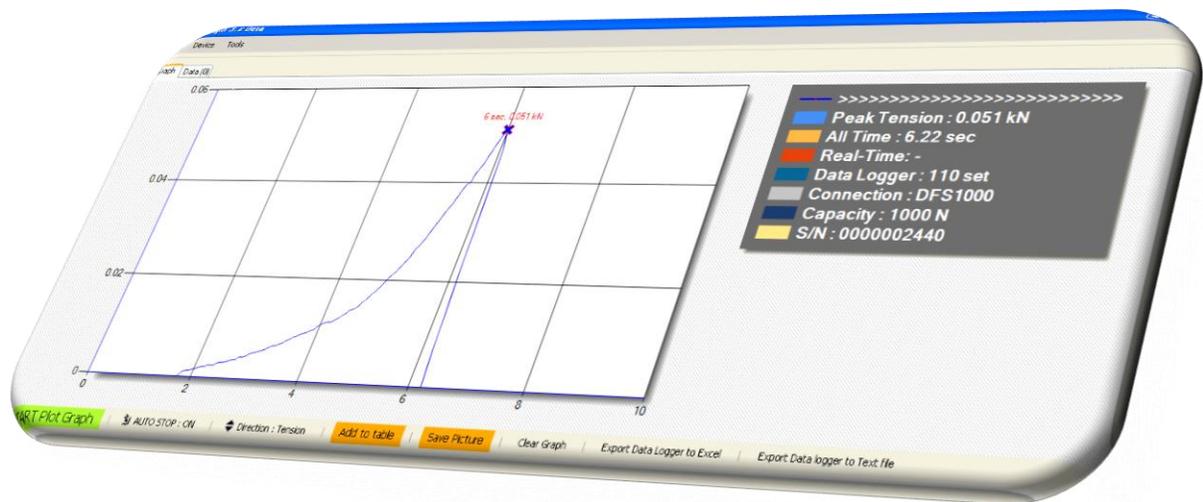


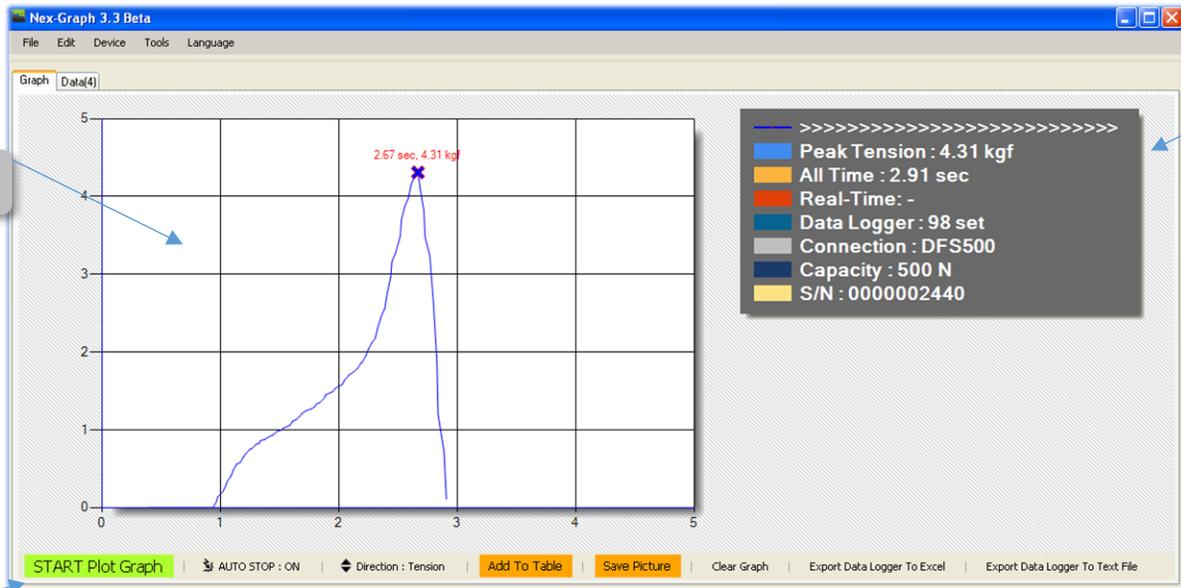
# NEX-GRAPH

Version 3.4 Beta

## Suggestions Manual



# Overview



Graph

Result

Graph Controller

The screenshot shows the data table view in Nex-Graph 3.3 Beta. The table contains the following data:

No	Direction	Force	Unit
1	Compression	1.12	kgf
2	Compression	1.33	kgf
3	Compression	1.26	kgf
4	Compression	1.19	kgf

Below the table, summary statistics are displayed: Max : 1.3300N, Min : 1.1200N, Avg : 1.2250N, SD : 0.0783N, COV : 6.3888%, Total : 4. The 'PassFail Function' menu is visible at the bottom, with options for 'ON', 'OFF', 'Upper > 1.40', and 'Lower < 1.2'.

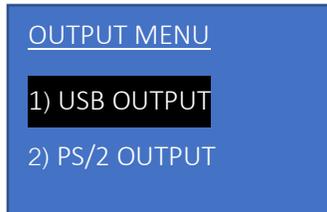
Analysis

Tools Menu

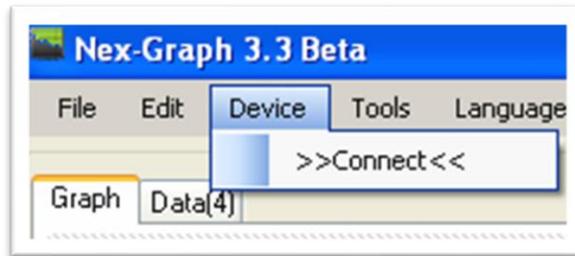
Pass Fail Menu

## Connecting Force Gauge DFS

1. Turn on DFS and connect to computer via USB or RS232 cable. (On DFS, must select Output follow your cable connected.).



2. Go to "Device > Connect ".



## Start Plotting Graph



START Plot Graph:	Start/Stop plot graph.
AUTO STOP:	Automatic stop plot-graph when force decreased.
Direction:	Choose Direction.
Add to Table:	Keep data to table for analysis.
Save Picture:	Save graph in picture format (*.png).
Clear Graph:	Clear graph.
Export Data Logger to Excel:	Export all point on graph to excel (*.xls).
Export Data Logger to Text File:	Export all point on graph to text file (*.txt).

2.1 Choose Compression or Tension, press the "Direction" button.



2.2 Press the "START Plot Graph" button.



2.3 When test is finished, press the "Stop" button.

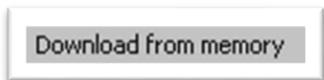




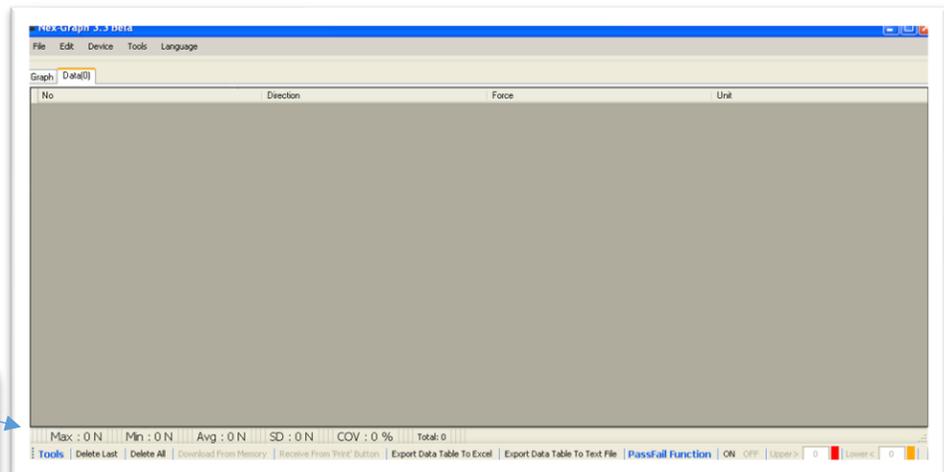
## Download from DFS's Memory

Delete Last:	Delete last data to add.
Delete All:	Delete all data.
Download from memory:	Download all data from DFS's Memory.
Receive from 'Print' button:	Wait to receive data from DFS when 'Print' button pressed.
Export Data Table to Excel:	Export all data in the table and analysis will send to Microsoft excel automatically.
Export Data Table to text file:	Export all data in the table and analysis will send to text file.
Total:	Show number of data in a table.

1. Press 'Download from memory'.



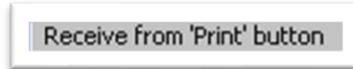
2. All memory on DFS be downloaded to the table.



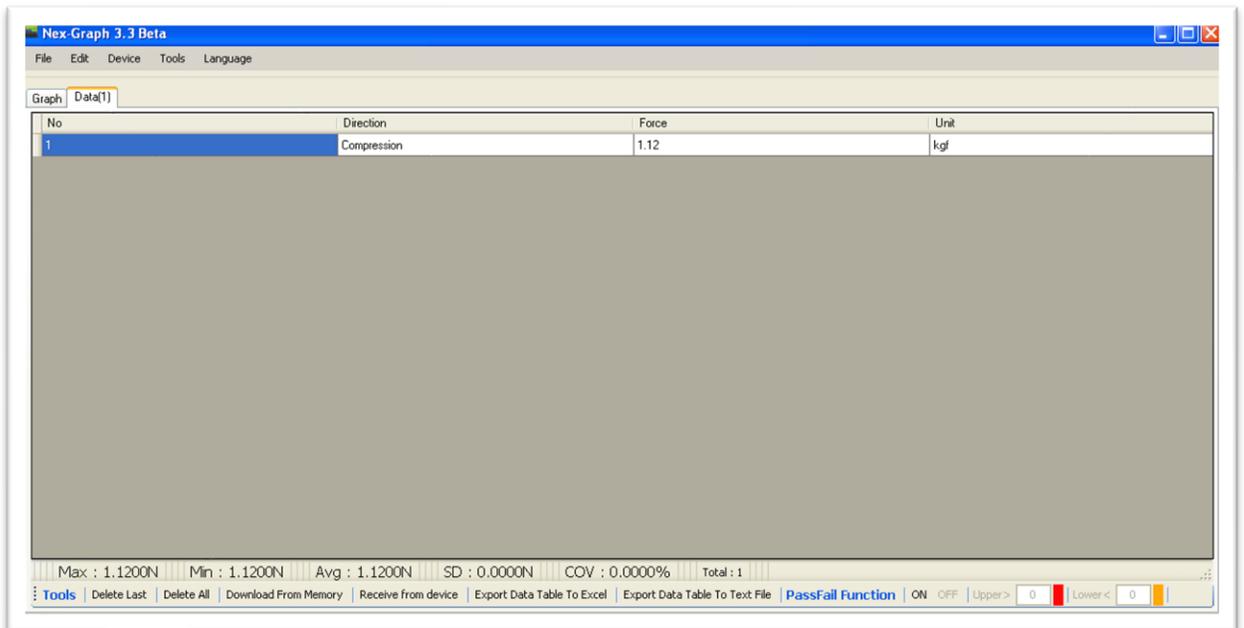
Analysis, the software is calculated from above table.

## Receiving data using 'Print' Button

1. Press 'Receive from Print button' and then press 'Print' button on DFS.



2. The real-time data from DFS will send to table.



## Using Pass/Fail Function



ON : Turn on Pass/Fail function.

OFF : Turn off Pass/Fail function.

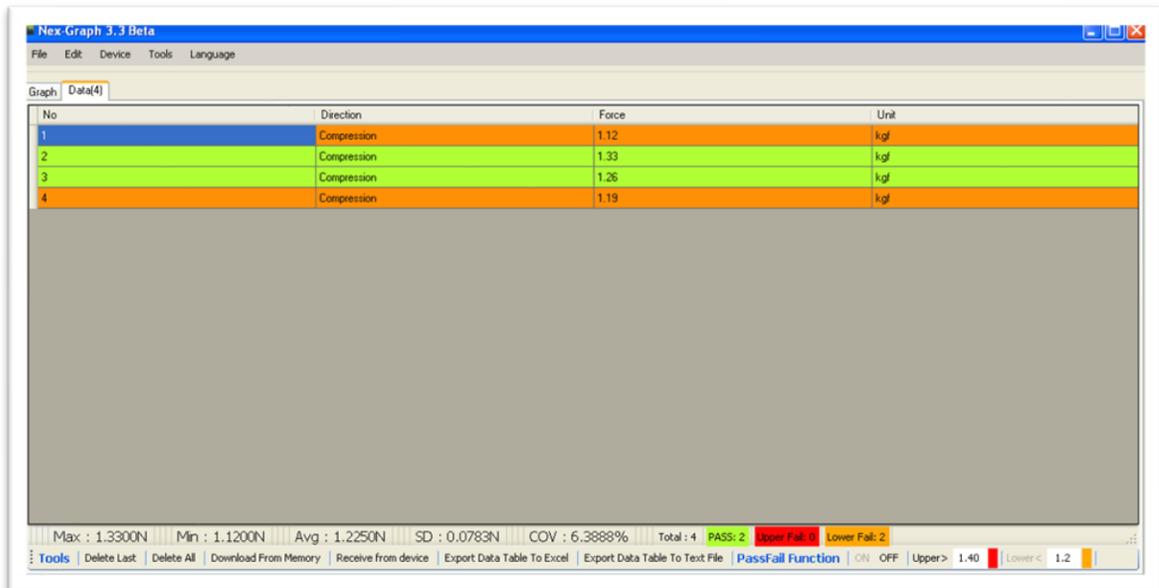
Upper : If force more then set value, it will say "Upper fail" and row turn red.

Lower : If force less then set value, it will say "lower fail" and row turn orange.

1. Press 'ON' button on Pass-fail function bar.

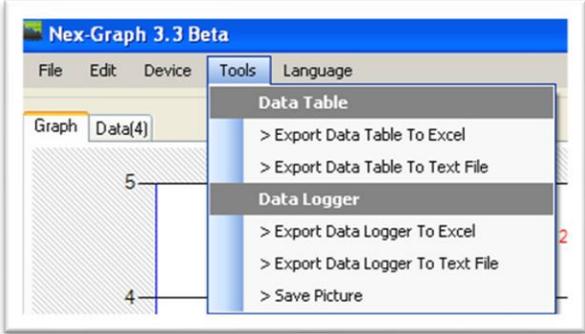


2. Fill up Upper/Lower fields to analyses and result will be green, red, or orange.



# Export Data Table to Excel

1. Go to "File > Export to Excel".



2. All data in the table and analysis will send to Microsoft excel automatically.

	A	B	C	D	E	F	G	H
1	No	Direction	Force	Unit	Pass/Fail			
2	1	Live Comp	4.7	N	Fail		Max	8.3000N
3	2	Live Comp	6.3	N	Pass		Min	4.7000N
4	3	Live Comp	8.1	N	Pass		Avg	6.8333N
5	4	Live Comp	8.3	N	Pass		SD	1.1981N
6	5	Live Comp	6.9	N	Pass		COV	17.53%
7	6	Live Comp	6.7	N	Pass			